



ADMINISTRATIVE REPORT

Report Date: March 14, 2017
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Meeting Date: April 11, 2017

TO: Vancouver City Council
FROM: Chief Purchasing Official
SUBJECT: Annual Procurement Report 2016

RECOMMENDATION

THAT Council receive this report for information.

REPORT SUMMARY

This annual procurement report documents the procurement activities of the City of Vancouver from January 1, 2016 to December 31, 2016. The scope of this report includes the Supply Chain Management (SCM) department's procurement activities and statistics, sustainable and ethical procurement activities and an update on the Warehouse and Inventory Management (WIM) Project.

COUNCIL AUTHORITY/PREVIOUS DECISIONS

In December 2009 City Council approved Procurement Policy number AF-015-01 with an implementation date of April 2010. The policy provided direction from City Council for the procurement of goods and services for the City of Vancouver, the Vancouver Park Board, the Vancouver Police Board and the Vancouver Library Board, with respect to contract approval authority limits, contract signing authority, establishment of the Bid Committee, and incorporation of sustainable and ethical procurement policies into the procurement process.

CITY MANAGER'S/GENERAL MANAGER'S COMMENTS

SCM oversees the procurement of third party goods and services, as well as the management of the City's inventory and warehouses which support City operations and services. Third party goods and services represent approximately 30% of total City expenditures. The

department also works to enhance ethical and sustainable procurement activities, in order to meet the City's sustainability and social goals.

Under the stewardship of the Supply Chain Management department, the City solicited bids and proposals, negotiated and awarded \$151.4 million worth of contracts for goods and services in 2016. These contracts resulted in procurement savings of \$18.1 million, achieved through deployment of procurement strategies such as consolidation of citywide spend, competitive bidding and robust negotiation processes.

This annual report also highlights some accomplishments by the Supply Chain Management team as part of its commitment to continuous improvement in ensuring value for money for Vancouver residents.

The General Manager, Finance, Risk and Supply Chain Management and City Manager recommend that Council receive the foregoing.

REPORT

Background/Context

City of Vancouver's Procurement Policy (AF-015-01), (Section 10-Monitoring and Review) notes that the Chief Purchasing Official will report to Council annually on policy implementation progress.

Strategic Analysis

1. Supply Chain Management Departmental Activities and Statistics :

An on-going key priority for SCM has been supporting the City's long-term strategic goals; in particular, its governance goal of ensuring the City is financially healthy and administratively effective. Some of these typical SCM activities include forecasting future demand for materials and services, sourcing/locating suppliers, tendering, negotiating, buying, transportation and delivery, inventory management and distribution. SCM also focuses on continuous process improvements within the department to enhance its operations and the service provided to its customers. This report discusses some of the results from these on-going activities.

Following are key procurement statistics for the period from January 1, 2016 to December 31, 2016:

a. Departmental Procurement Savings

As shown in previous procurement reports, the SCM department indicates estimated savings derived from competitive procurements. Typically, the procurement savings identified could result from single purchases or over a period of time for longer term contracts. Savings shown below are represented as such.

Total Estimated Value of Contracts Awarded in 2016	\$ 151,416,249
Total Estimated Value of Procurement Savings* from Contracts Awarded in 2016	\$ 18,057,526
2016 Estimated Procurement Savings* from Contracts Awarded in 2016	\$ 9,321,881
Estimated Future Year Procurement Savings* from Contracts Awarded in 2016	\$ 8,735,645

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

b. Bid Committee and Council Contract Approvals

As per the City's Procurement Policy, Bid Committee is authorized to award contracts up to \$2,000,000. City Council approval is required for contract awards with a value greater than \$2,000,000.

In 2016, Bid Committee approved staff recommendations to award 40 contracts at a total estimated value of \$105,060,607.

City Council approved staff recommendations to award 14 contracts valued at an estimated combined value of \$83,989,760. The summary of the contracts that received final approval for award from Council in 2016 are listed in Appendix B.

Approval of contract award recommendations by Bid Committee and Council authorize SCM to finalize contract negotiations and award. Of the \$105,060,607 approved by Bid Committee in 2016, 33 contracts valued at \$84,186,954 were awarded in 2016. Of the \$83,989,760 approved by Council in 2016, 12 contracts valued at \$66,774,854 were awarded in 2016. The remainder of the approved contracts will be awarded in 2017.

c. Summary of Contracts Awarded

The list of all awarded contracts valued at \$75,000 or greater is attached in Appendix C to this report. All contract awards are posted on BC Bid and reports showing award information are available on the City of Vancouver web site and Open Data Catalogue (links below).

<http://vancouver.ca/doing-business/bid-committee-documents.aspx>*
<http://vancouver.ca/your-government/open-data-catalogue.aspx>

**This link will redirect you to the City of Vancouver public website - Awarded Bids section.*

d. Sole Source Contract Awards

The SCM department processed a total of \$151,416,249 in contracts in 2016. Of that value, \$148,322,950 (98%) was awarded using a competitive bid process and just \$3,093,298 (2%) was awarded to bids on a sole source basis under the procurement policy. Of the 2% sole source, 1.04% was awarded following the public posting of a Notice of Intent to Contract (NOITC) and 1.01% were urgent and/or highly specialized and awarded prior to issuance of a public notice.

In all instances, a public posting of the sole source award was issued on the City of Vancouver web site.

The Procurement Policy outlines circumstances whereby competitive bidding is not required and contracts may be sole sourced. The competitive award ratio demonstrates that the City is successful in achieving on its core procurement objectives of conducting a competitive and open process while maximizing the value for money in the acquisition of goods and services.

The complete list of sole source contract awards for 2016 is attached in Appendix D to this report.

e. Surplus Asset Disposal

The procurement policy provides for the orderly disposal of any materials owned by the City which are declared to be surplus to present and future department requirements. In 2016, a total of \$1,169,969 in revenue was generated through the orderly disposal of surplus vehicles and small equipment assets.

2. Warehouse and Inventory Management

2016 marked the full implementation and completion of the Warehouse and Inventory Management (WIM) project, which began in 2013. The WIM project- managed through Business Planning and Project Support (formerly Vancouver Services Review)- was launched with the objectives of standardizing warehousing practices, providing a single view of the City's inventory operations and ensuring that the right supplies are available and delivered as needed, in the most sustainable and cost-efficient way.

In order to achieve its objectives, the project:

- Standardized processes and procedures for core warehouse functions (material handling, order management, product storage and information management)
- Implemented warehousing and inventory management best practices
- Improved information management and technology
- Implemented an organizational structure to support core functions within Supply Chain Management
- Improved warehouse layouts and materials management

The WIM project implementation was conducted in three phases and resulted in the Supply Chain Management department currently managing approximately 100 staff across the supply chain functions including overseeing the warehousing and inventory management activities of 11 locations across the City in support of multiple Business Units' operations.

Project Phases

Phase 1: Central Stores (Manitoba Yards), Evans Yard Stores, National Yard Stores and Heavy Urban Search and Rescue (HUSAR). Completed September 2014.

Phase 2: Equipment Services Stores (Engineering Services, multiple locations), Civic Theatres Concession Stores, Fire & Rescue Services Stores and Park Board Concessions Warehouse. Completed October 2015.

Phase 3: Vancouver Police Department (VPD) Warehouse, Sanitation Carts Warehouse and Sewers Yard Compound. Completed October 2016.

Warehouses in scope during Phase 3 have unique operations that expand from the core warehousing functions (for example, the Sanitation Carts warehouse distributes carts and tracks deployed residential inventory for billing purposes) or a unique organization (e.g. VPD). Due to the complexity of the transformation effort and the potential benefit trade-offs, it was decided that these warehouses would remain managed by the Business Units in contrast to the ones from previous phases where the operation and staff came under the management of the Supply Chain Management department. Nevertheless, where applicable, the WIM project shared best practices and trained staff on standard operating procedures developed during previous phases of the project. Additionally, as part of ongoing operations, SCM will continue to provide expert advice in warehousing and inventory management as required to these warehouses.

Notable changes derived from this project, which ultimately add value and greater accountability regarding our operations to the citizens of our city include:

- Standardized core warehouse and inventory management operations
- Consistent work practices and policies across warehousing activities
- Adoption of best practices and improved control and separation of duties
- Greater focus on core warehousing functions (material handling, order management, product storage and information management)
- Building of an organizational structure for warehousing and inventory management operations within Supply Chain Management that promotes knowledge and information sharing among warehouses
- Ability for better training leading to potential career development for staff and greater employee engagement
- Greater integration with other Supply Chain functions (e.g. Procurement, Distribution, Asset Disposal, etc.)
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3. Sustainable and Ethical Procurement (SEP)

The City's Sustainable and Ethical Procurement (SEP) Program is centred around 6 priorities:

1. Support ethical labour practices
2. Provide opportunities to social enterprises and people with barriers to employment
3. Provide opportunities to purchase local & sustainable food
4. Reduce greenhouse gas (GHG) emissions
5. Reduce waste / increase recycled content of key goods
6. Promote healthy ecosystems / reduce toxicity

These priorities align and support the City's long term strategic goals and City initiatives such as the corporate green operations plan, the Greenest City Action Plan and the Healthy City Strategy. Supply Chain Management and City department staff worked collaboratively in 2016 to identify and to address these SEP priorities in a broad range of procurement projects.

Summary of SEP 2016 Accomplishments

In 2016, SCM staff along with Human Resources staff worked together to assess the steps which needed to be taken to achieve living wage certification in support of the Healthy City Strategy (Goal: Making ends meet and working well). The work done by the team, culminated in a major milestone whereby in September 2016, Council adopted staff's recommendation to pursue "Living Wage Employer" certification. Staff expect to obtain full certification in Q2 2017 and will report back to Council in 2017 with an update on the implementation of the program. The City of Vancouver is the largest municipality to make this commitment.

SEP PRIORITY	2016 ACTION	ACCOMPLISHMENT / HIGHLIGHTS
Social Enterprise & People with Barriers/ Social Procurement	<p>City purchased services from 10 different social enterprises. These services included micro-cleaning, general maintenance, landscaping, and catering.</p> <p>The City awarded a contract to build Fire Hall 5.</p>	<p>The services purchased were valued at about \$700,000, from organizations such as United We Can, MP Enterprises, Embers, Potluck Café & Catering, and Street Youth Job Action.</p> <p>The building, to be completed in 2018, will be LEED Gold certified and will contain 31 units of social housing for single mother led households. This was a unique procurement model as the design and construction had to address the functional and operational needs of VFRS while ensuring suitability for social housing.</p>
Local & Sustainable Food	<p>The City worked to improve tracking of the purchase of local and sustainable food in key operations.</p>	<p>The City's 2016 food and beverage purchases were as follows:</p> <ul style="list-style-type: none"> • 44% of food and beverages purchased by Park Board concessions, Golf courses, and Pitch and Putts in 2016 were local - raised, grown, produced or processed in BC. • 26% of all food and beverages purchased by Evelyne Saller were local; 1.7% were sustainable. <p>23 CoV locations including concessions, golf course restaurants, civic theatres, and key Community Services facilities served FAIRTRADE Mark coffee.</p>

SEP PRIORITY	2016 ACTION	ACCOMPLISHMENT / HIGHLIGHTS
GHG Emissions Reductions	SCM worked with departments to purchase more energy efficient vehicles and equipment. These efforts support the City's Greenest City Action Plan goals and commitment to green fleet.	Vehicles and equipment acquired in 2016 have improved emission reduction technology. Notable acquisitions include: <ul style="list-style-type: none"> • 25 heavy duty fire apparatus with auxiliary power units • 1 hybrid bulldozer • 9 downsized police patrol vehicles.
Waste Reductions	<p>Vendors for major facilities demolition projects were required to deconstruct and divert waste from landfill and incinerator, and to provide waste management plans and tracking reports.</p> <p>2016 was the first full year operating under the new Managed Print Services model.</p> <p>The City donated for reuse, or recycled, desk top computers, laptops, monitors and printers at end of life.</p>	<p>In 2016, approx. 520 tonnes of material was diverted from 3 projects. An average overall diversion rate of 89% of non-hazardous materials was achieved.</p> <p>The City saw a reduction of 15% in the number of impressions which translates into a reduction in paper use and other waste such as toner cartridges.</p> <p>City diverted 16,000 kg from the landfill through this program (14,000 kg for reuse; 2,000 kg for recycling).</p>
Healthy Ecosystems / Reduced Toxicity	City purchases green janitorial supplies for use in all City locations.	About 70% of the janitorial cleaning and paper spend is on products that are ECOLOGO or Green Seal certified.

Local companies continue to provide a significant amount of goods and services to the City. In 2016, 81% of the contracts awarded (by \$ value) were to companies with a presence in Metro Vancouver, and 99% in Canada.

The City continued to participate on the steering committee of the Municipal Collaboration on Sustainable Procurement (MCSP); a network of Canadian municipalities working to advance sustainable procurement. In 2016, the MCSP expanded to include universities and colleges. In the MCSP's 2016 annual report, *the State of Municipal Sustainable Procurement in Canada*, the City of Vancouver continues to lead the way in the 10 Best Practice Program Areas for a successful sustainable procurement program. A snapshot of progress on this framework is shown in Appendix A: Chart A6.

CONCLUSION

The emphasis for Supply Chain Management in 2016 was to continue to enhance operations through utilizing leading procurement and warehousing and inventory management practices. Once again, the department was involved in a variety of procurement activities, supporting many City operational and capital programs in achieving the City's goals. This was evident in the number and types of procurements conducted and resulted in value for the citizens of Vancouver.

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Chart A1: Awarded Contracts by Final Contract Approval Level

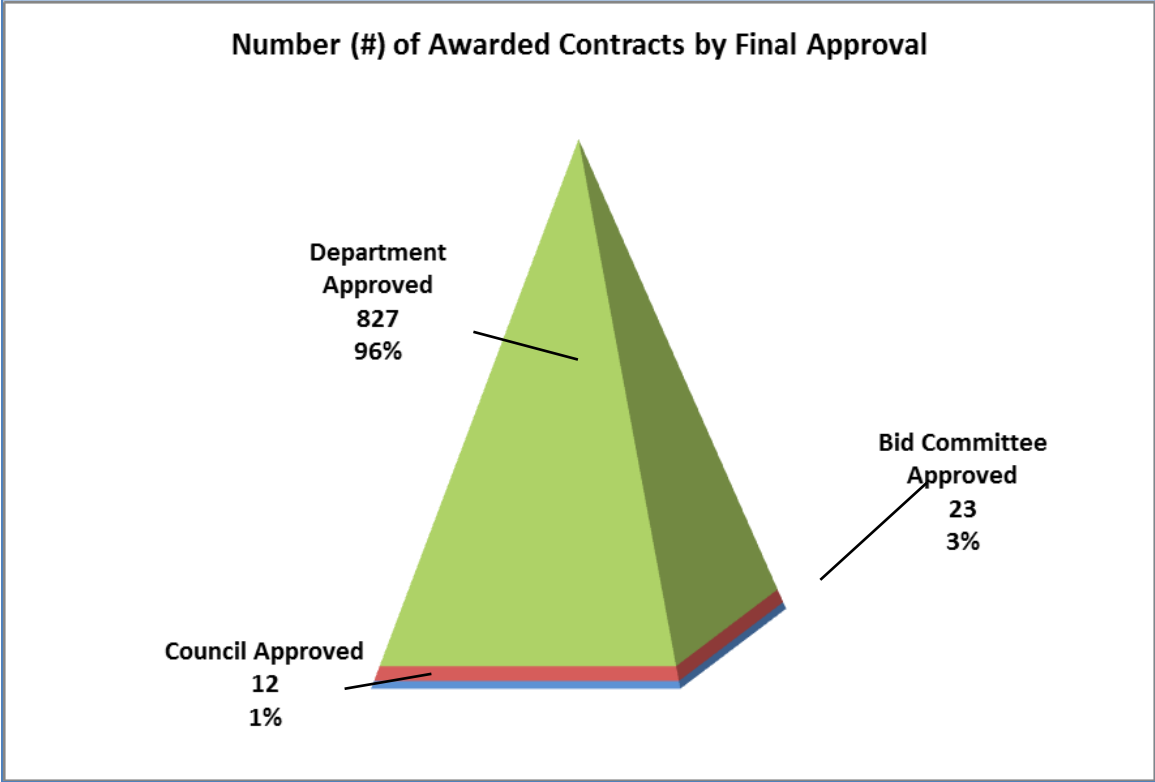
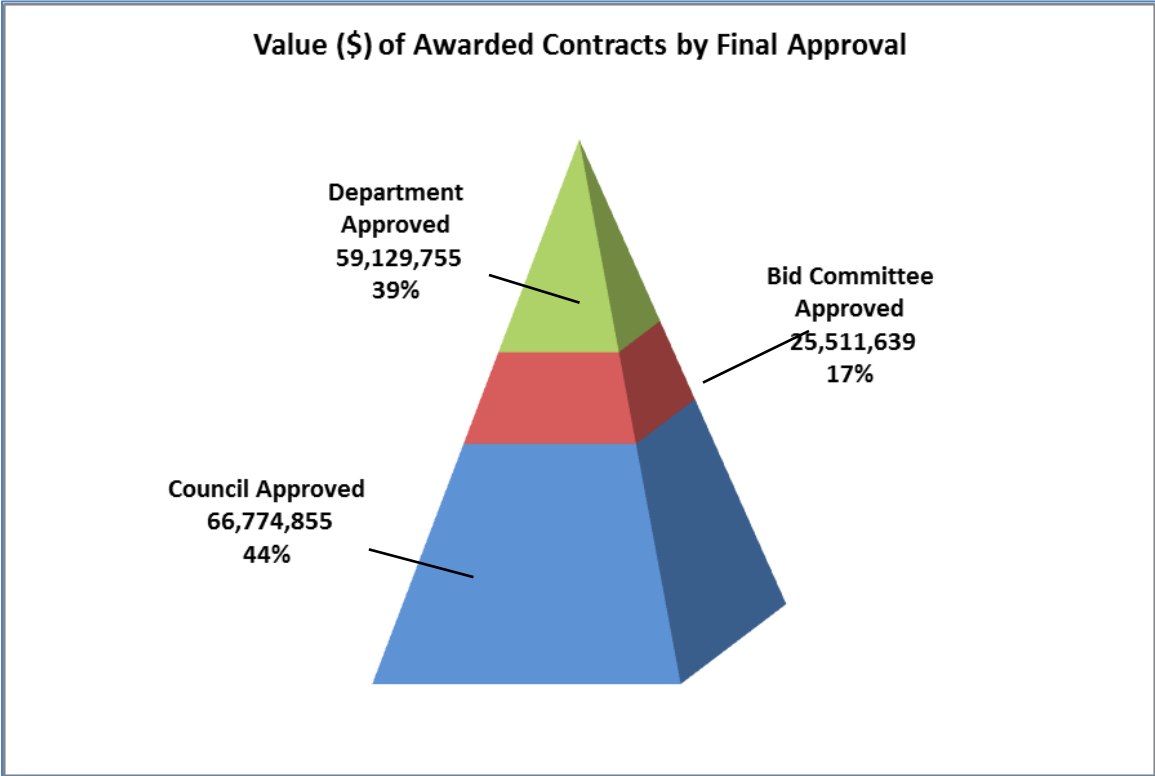


Chart A2: Contract Awards by Department

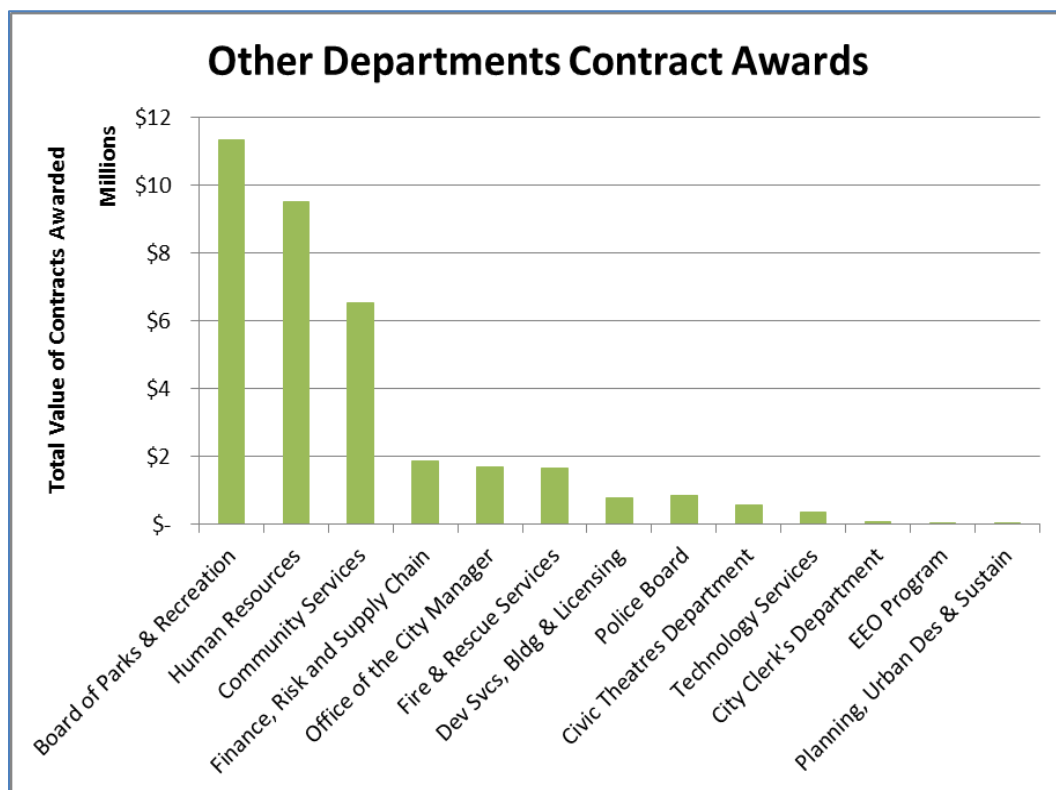
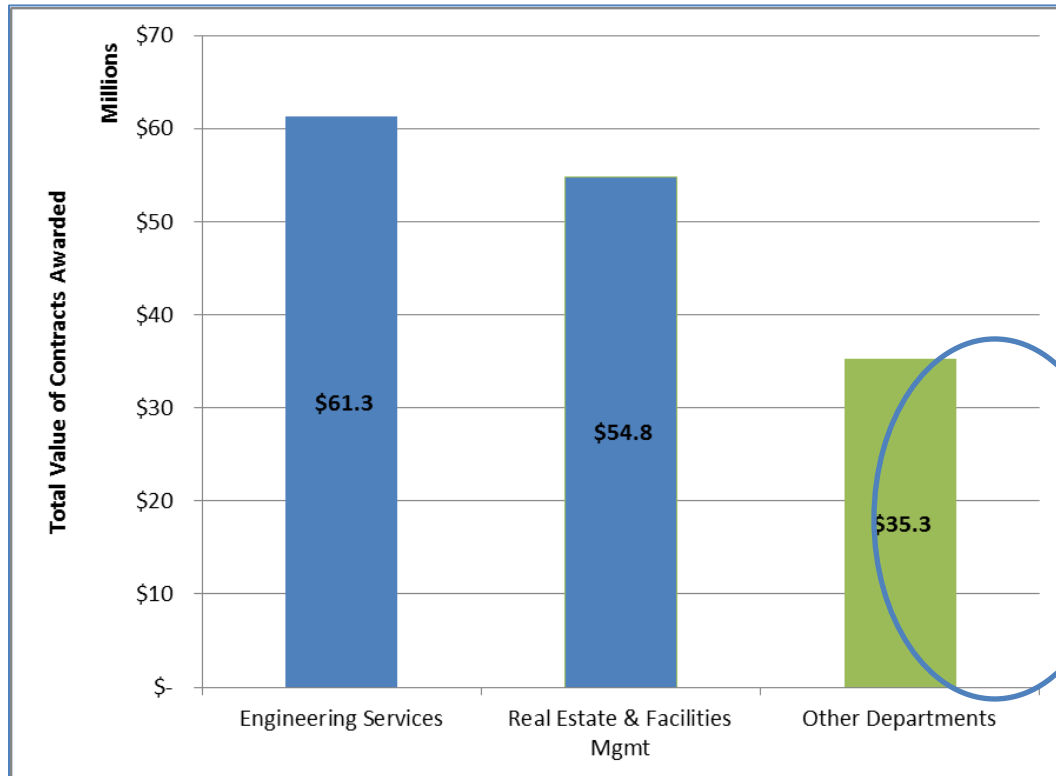


Chart A3: Contract Transactions by Value Range

Value Range	Number of Awards	Percentage by Number	Contract Value in Range	Percentage by Value
Less than \$75,000	652	76.5%	\$ 14,091,655.29	9.3%
\$75,000 to \$499,999	153	18.0%	\$ 30,836,041.03	20.4%
\$500,000 to \$1,999,999	34	4.0%	\$ 34,278,203.58	22.6%
\$2,000,000 or greater	13	1.5%	\$ 72,210,348.72	47.7%
Total	852	100%	\$ 151,416,248.62	100%

Chart A4: Sole Source - Emergency, Urgent or Highly Specialized Contract Awards

Type of Sole Source	Number of Awards	Percentage by Number	Contract Value in Range	Percentage by Value
Notice of Intent to Contract	24	63.2%	\$ 1,567,884.58	50.7%
Urgent or Highly Specialized	14	36.8%	\$ 1,525,413.87	49.3%
Total	38	100%	\$ 3,093,298.45	100.0%

Chart A5: Contract Awards by Vendor Location

Value Range	Number of Vendors	Percentage by Number	Contract Value in Range	Percentage by Value
Vancouver	232	30%	\$ 31,063,273.51	20%
Metro Vancouver	352	45%	\$ 53,480,385.92	61%
British Columbia	69	5%	\$ 20,798,881.18	3%
Canada	150	16%	\$ 37,234,688.78	15%
North America	55	4%	\$ 8,839,019.23	1%
Total	858	100%	\$ 151,416,248.62	100%

Chart A6: City of Vancouver Sustainability and Ethical Procurement (SEP) Progress

10 Best Practice Program Areas Progress Chart

Program Areas	Strategy & Action Plan	Sustainable Purchasing Policy	Supplier Code of Conduct	Social Sustainability & Innovation	Dedicated Staffing & Resources	Procurement Tools & Procedures	Training & Communication	Supplier Engagement	Measurement & Reporting	Leadership & Collaboration
BCIT	◐	◐	○	◐	◐	◐	◐	◐	○	◐
Calgary	◐	◐	●	◐	●	◐	◐	◐	◐	●
Edmonton	●	●	●	●	◐	◐	◐	◐	◐	●
Kelowna	◐	●	○	◐	◐	◐	◐	◐	◐	◐
Ottawa	◐	●	●	◐	◐	●	●	◐	●	◐
Saanich	◐	◐	○	◐	◐	◐	◐	◐	◐	◐
Saskatoon	◐	◐	○	◐	◐	○	○	◐	◐	◐
Surrey	◐	◐	○	◐	◐	◐	◐	◐	◐	◐
Toronto	◐	◐	●	◐	◐	◐	◐	◐	◐	◐
UBC	●	◐	◐	○	◐	◐	○	◐	◐	◐
U Alberta	◐	○	◐	○	◐	◐	◐	◐	◐	◐
Vancouver	●	●	●	●	●	●	◐	◐	◐	●
Victoria	◐	◐	○	◐	○	◐	◐	◐	◐	◐
Winnipeg	◐	◐	◐	◐	◐	◐	○	○	○	◐

○ Just beginning or future priority ◐ Some progress made ◑ In progress with room for improvement ◒ In place; Fairly well developed ● Well developed with solid experience

Source: MCSP's 2016 Annual Report: State of Municipal Sustainable Procurement in Canada

Contract Reference	Council Report RTS #	Description	Contract Amount
PS20151454	11253	Burrard Bridge Rehabilitation	15,925,484.00
PS20160468	11456	Fire Hall No 5 + Housing Construction	15,273,349.00
PS20161278	11662	Detailed Design of Roads and Utilities in the NEFC	14,022,393.00
PS20150238	11241	Design-Build of the Killarney Seniors Centre	5,895,000.00
PS20160689	11455	Vancouver Art Gallery North Plaza Construction	5,724,184.72
PS20150910	11063	Public Bike Share	5,000,000.00
PS20160558	11454	West Annex Seismic Retrofit	4,212,219.00
PS20160726	11458	East Wing Deconstruction and Renovations to Site	3,457,300.00
PS20150797	11203	Design, Supply, Install, Configure & Maintain Vehicle GPS & Telematics Solution	3,099,540.00
PS20160123	11418	Vancouver South Transfer Station Site Improvements	2,917,997.00
PS20151185	11341	Construction of Sewer Separation	2,794,000.00
PS20151092	11420	Supply & Delivery of Bulldozers	2,403,572.00
PS20150522	11419	Asphalt Milling Services	2,217,699.00
PS20160005	11473	Supply & Delivery of Office Supplies	1,047,022.00

Contract Reference	Description	Successful Vendor	Contract Award Value	Department
PS20151454	Burrard Bridge Rehabilitation	Graham Infrastructure LP	15,925,484.00	Engineering Services
PS20160468	Contractor for Fire Hall No. 5 + Housing - Construction	Mierau Contractors Ltd.	14,959,349.00	Real Estate & Facilities Mgmt.
PS20150238	Design-Build for Killarney Senior's Centre	Ventana Construction Ltd.	5,895,000.00	Real Estate & Facilities Mgmt.
PS20160689	Contractor for Van Art Gallery North Plaza - Phase 2 Construction	Jacob Bros. Construction Ltd	5,724,184.72	Real Estate & Facilities Mgmt.
PS20150910	Public Bicycle System	Cyclehop Corp. Canada	5,000,000.00	Engineering Services
PS20160558	Contractor for West Annex Seismic Retrofit	Smith Bros & Wilson (BC) Ltd	4,212,219.00	Real Estate & Facilities Mgmt.
PS20161136	Green Bin Organics Processing - Metro/Harvest 2016 Rate	Greater Vancouver Regional District	3,500,000.00	Engineering Services
PS20160726	Contractor for East Wing Annex Deconstruction and Renovations	Heatherbrae Builders Co Ltd	3,457,300.00	Real Estate & Facilities Mgmt.
PS20150797	Design, Supply, Install, Configure and Maintain Vehicle GPS & Telematics Solution	Northern Business Intelligence	3,099,540.00	Human Resources
PS20162026	Modular Housing at 1500 Main Street	Horizon North	3,022,001.00	VAHA
PS20151185	Contractor for Construction of Sewer Separation	J Cote & Son Excavating Ltd	2,794,000.00	Engineering Services
PS20151092	Supply and Delivery of Bulldozers	Multiple Vendors	2,403,572.00	Engineering Services
PS20150522	Contractor for Asphalt Grinding Services	B. A. Blacktop Ltd	2,217,699.00	Engineering Services
PS20160248	Supply and Delivery of Maintenance, Repair and Operating Supplies	Acklands-Grainger Inc.	1,924,869.76	Engineering Services
PS20160799	Contractor for Buried District Heating Piping for The NEU	Division 15 Mechanical Ltd	1,870,000.00	Engineering Services
PS20160293	Supply and Installation of Synthetic Turf at Oak Meadows Park and Kerrisdale Park	Les Surfaces Securitaires Carpell I	1,649,523.00	Board of Parks & Recreation
PS20161798	Supply and Delivery of Pipe & Fittings	Flocor Inc.	1,600,000.00	Engineering Services
PS20151724	Contractor for Trenchless Sewer Construction	B Cusano Contracting (2007) Inc.	1,540,000.00	Engineering Services
PS20151805	Architecture Consulting Services for Roddan Lodge	DYS Architecture	1,537,948.50	Real Estate & Facilities Mgmt.
PS20160913	Supply, Delivery, and Support of Parking Meter Equipment	J.J. Mackay Canada Ltd.	1,418,700.00	Engineering Services
PS20160909	Contractor for Playground Upgrades for Andy Livingstone Park and Creekside Park	Holland Landscapers Inc.	1,371,747.17	Board of Parks & Recreation
PS20160348	Contractor for Design and Build Queen Elizabeth Theatre Rigging System	Joel Theatrical Rigging Contractors	1,322,900.00	Community Services
PS20152045	Architectural Consulting Services for Fire Hall # 17 Redevelopment	HCMA Architecture + Design	1,200,725.90	Real Estate & Facilities Mgmt.
PS20160798	Contractor for NEU Energy Transfer Station Expansion	Division 15 Mechanical Ltd	1,191,589.00	Engineering Services
PS20161972	Transfer and/or Processing of Organic Materials	Enviro-Smart Organics Ltd	1,100,000.00	Engineering Services
PS20160600	Yardwaste Delivery to Enviro-Smart Organics	Enviro-Smart Organics Ltd	1,100,000.00	Engineering Services

Contract Reference	Description	Successful Vendor	Contract Award Value	Department
PS20160005	Supply and Delivery of Office Supplies and Paper	Staples Business Advantage	1,086,507.00	Finance, Risk and Supply Chain
PS20152055	Construction Services for Transfer Station Odor and Dust Control Improvements	Houle Electric Limited	1,058,913.00	Real Estate & Facilities Mgmt.
PS20151828	Provision of Disability Management Services (for CUPE 1004)	Morneau Shepell Ltd	900,000.00	Human Resources
PS20160476	Provision of Disability Management Services #2 (Non CUPE 1004)	Morneau Shepell Ltd	900,000.00	Human Resources
PS20161248	Schematic Design of The Northeast False Creek Parks and Open Spaces	James Corner Field Operations	875,319.00	Engineering Services
PS20151891	Construction Services for New Fieldhouse at Oak Meadows	Boston Construction Group	853,275.00	Real Estate & Facilities Mgmt.
PS20151937	Design and Contract Administration Services for Phase 2 of The East Fraser Lands Development	Space2place Design Inc.	851,102.00	Board of Parks & Recreation
PS20160851	Parks and Recreation Master Plan Development	Design Workshop	735,000.00	Board of Parks & Recreation
PS20151455	Contractor for Asbestos Asphalt Removal – Burrard Bridge	Quantum Murray LP	732,040.00	Engineering Services
PS20151928	Vanier Park West Float and Launch Upgrade	JJM Construction Ltd	698,500.00	Board of Parks & Recreation
PS20160122	The Supply, Delivery, Maintenance and Care of Structural Firefighting Protective Clothing	Associated Fire Safety Equipment	698,409.00	Fire & Rescue Services
PS20151183	Contractor for M Float Construction at Heather Marina	West Shore Constructors	656,777.00	Real Estate & Facilities Mgmt.
PS20161042	Supply and Delivery of Pipe and Fittings	Flocor Inc.	650,000.00	Engineering Services
PS20151633	Contractor for VECC Green House Renovations	Olympic Projects Ltd	616,996.00	Real Estate & Facilities Mgmt.
PS20160345	Roofing Services at 8383 Manitoba Street	Cambie Roofing & Drainage	613,000.00	Real Estate & Facilities Mgmt.
PS20151925	Provision of Disability Case Management Services (CUPE 1004)	Morneau Shepell Ltd	612,000.00	Human Resources
PS20160560	Supply and Delivery of De-Icing Salt	Lafarge Asphalt Technologies	609,525.00	Engineering Services
PS20152044	Contractor for VPD Renovations - Phase 1	Hodgson King and Marble Ltd	606,549.25	Real Estate & Facilities Mgmt.
PS20160046	Consulting Services for Sewer Separation Design	McElhanney Consulting Services Ltd.	580,054.00	Engineering Services
PS20161296	Supply and Delivery of Prefabricated Modular Shelters	Britco LP	573,624.00	VAHA
PS20160469	Supply and Delivery of Hose Reel Systems	Safetek Emergency Vehicles Ltd.	542,610.00	Engineering Services
PS20160001	Contractor for Joint Restraint	EMCO Corporation	492,409.13	Engineering Services
PS20150950	Supply and Delivery of Soil	Harvest Power	489,344.00	Engineering Services
PS20161697	Employee Assistance Program and Critical Incident Services	Homewood Health Inc.	484,000.00	Human Resources
PS20160344	Contractor for Re-Roofing Services at a General Storage Building	Marine Roofing (1996) Ltd	465,155.00	Real Estate & Facilities Mgmt.
PS20160025	Survey Equipment and Monitoring Services for Beechwood Avenue	Multiple Vendors	461,769.00	Engineering Services

Contract Reference	Description	Successful Vendor	Contract Award Value	Department
PS20161328	Consulting for Housing Strategy Reset	Ernst & Young LLP	455,924.00	Community Services
PS20161313	Rezoning Consultancy - 800 Block Main St.	Perkins+Will Canada Architects Co.	448,724.00	Real Estate & Facilities Mgmt.
PS20160179	Supply & Delivery of Lamps and Ballasts	Brite-Lite Inc.	444,402.39	Engineering Services
PS20160313	Consultant for Transportation Panel Survey	McElhanney Consulting Services	441,174.00	Engineering Services
PS20160383	Supply and Delivery of Cement and Fly Ash	Lafarge North America - Cement	440,000.00	Engineering Services
PS20160863	Consultant for Britannia Master Planning	Urban Arts Architecture	436,695.00	Real Estate & Facilities Mgmt.
PS20151746	Consultant for ENG PMO Project Management Framework	KPMG LLP, T4348	419,842.00	Engineering Services
PS20160028	Consultant for Redesign of Hillcrest Refrigeration Cooling System	Davidson Bros Mechanical	416,699.00	Real Estate & Facilities Mgmt.
PS20160125	DTES Comfort Stations Supervision	Jim Scott	416,000.00	Engineering Services
PS20160877	Contractor for Hillcrest Energy Retrofit Construction-CE	Davidson Bros Mechanical	415,699.00	Real Estate & Facilities Mgmt.
PS20160274	Contractor for Playground Renovations at McBride Park and Hastings Mill Park	Fricia Construction Inc.	409,830.00	Board of Parks & Recreation
PS20161586	E-Learning Platform for VFRS	Medteq Solutions Ca Ltd	405,000.00	Fire & Rescue Services
PS20162070	Leaf Program Hired Sweepers for 2017	Multiple Vendors	400,000.00	Engineering Services
PS20150832	Consultant for Dogs in Parks Strategy	Space2place Design Inc.	387,825.00	Board of Parks & Recreation
PS20161476	Annual Telus Cisco & Shore Group Maintenance Contract	Telus Communications Inc.	383,211.92	Human Resources
PS20160026	Supply, Delivery and Installation of Glass Products	Multiple Vendors	381,283.19	Real Estate & Facilities Mgmt.
PS20151293	Design-Build of Shotcrete Wall at Empire Fields	Southwest Contracting Ltd	370,000.00	Board of Parks & Recreation
PS20160154	Supply and Delivery of Sand and Related Products	Target Products Ltd	368,457.00	Board of Parks & Recreation
PS20160979	Contractor for Douglas Community Centre HVAC/Boiler Replacement	Allied Plumbing, Heating &	343,000.00	Real Estate & Facilities Mgmt.
PS20161345	Occupational Health Services	Cira Medical Services Inc.	330,000.00	Human Resources
PS20161023	Consultant for Sponsorship, Partnership Plan and Event Mgmt. & Production	Brand.Live Management Group Inc.	316,890.00	Office of The City Manager
PS20160138	Consultant for Review of City of Vancouver's Design & Construction Standards	McElhanney Consulting Services	299,834.00	Engineering Services
PS20160300	Consultant for Glen Pump Station Replacement and Public Washroom Design	Kerr Wood Leidal Associates Ltd.	293,357.00	Engineering Services
PS20151061	Design and Contract Administration Services for Stanley Park Seawall Repairs and Beaver Creek Salmonid Enhancements	Moffatt & Nichol	292,976.00	Board of Parks & Recreation
PS20161098	Schematic Design for Childcare	Acton Ostry Architects Inc.	288,165.00	Real Estate & Facilities Mgmt.

Contract Reference	Description	Successful Vendor	Contract Award Value	Department
PS20151212	NEU: Engineering Design Plan	Kerr Wood Leidal Associates Ltd.	286,150.00	Engineering Services
PS20160922	Contractor for Kootenay Building Parking Lot Repairs	Jack Cewe Ltd	285,400.00	Real Estate & Facilities Mgmt.
PS20160547	Supply of Cisco Collaboration Suite Upgrades	Telus Communications Inc.	285,000.00	Human Resources
PS20160283	Contractor for Oak Meadows Park and Kerrisdale Park Civil Works	Wilco Civil Inc.	282,300.00	Board of Parks & Recreation
PS20151368	Supply and Installation of Synthetic Turf at Hillcrest Park	Astro Turf West Distributors Ltd	282,000.00	Board of Parks & Recreation
PS20161244	Deconstruction of 900 Pacific	Matcon Demolition Ltd	274,508.00	Real Estate & Facilities Mgmt.
PS20161613	Contractor for Dr. Sun Yat-Sen Pond Renewal	TGK Irrigation Ltd.	271,530.00	Board of Parks & Recreation
PS20161904	Emergency Water Damage Repair Services for Library Square	OnSide Restoration Services Ltd.	271,116.58	Real Estate & Facilities Mgmt.
PS20150870	Provision of VFRS Scheduling Software	Kronos	269,198.75	Human Resources
PS20160507	Contractor for Roofing Services at Champlain Community Centre	Marine Roofing (1996) Ltd	267,127.00	Real Estate & Facilities Mgmt.
PS20160864	Contractor for PNE Coliseum Heat Pumps	Uptime Industrial Inc.	263,060.00	Real Estate & Facilities Mgmt.
PS20161138	Contractor for Tenant Improvements at 5th and 7th Floors at 507 W. Broadway	Hodgson King and Marble Ltd	253,560.00	Real Estate & Facilities Mgmt.
PS20160137	Viaducts Geometric Design Support	Urban Systems Ltd	249,686.00	Engineering Services
PS20160596	Consultant for Housing Refresh	Cause & Affect Design Ltd	247,500.00	Community Services
PS20160921	Contractor for City Hall Childcare-HVAC Replacement	Broadway Refrigeration & Air	239,500.00	Real Estate & Facilities Mgmt.
PS20161515	Supply and Delivery of Digital Print Service Equipment	Xerox Canada Ltd	237,920.45	Engineering Services
PS20151879	Consulting Services - Programming Study	Perkins+Will Canada Architects Co.	232,300.00	Real Estate & Facilities Mgmt.
PS20160218	Supply & Deliver HOBAS Pipe	Flocor Inc.	231,399.17	Engineering Services
PS20161151	Contractor for Tennis Courts Repair	Tomko Sports Systems Inc.	228,308.91	Board of Parks & Recreation
PS20160515	Supply and Delivery of Automated Data Acquisition System (ADAS)	Spatial Technologies	227,759.00	Engineering Services
PS20151181	Seismic Retrofit Studies and Cost Estimations for 25 City Owned Buildings	Read Jones Christoffersen Ltd	226,801.00	Real Estate & Facilities Mgmt.
PS20160458	Contractor for Roofing Services at Carnegie Community Centre	Advanced Systems Roofing &	226,500.00	Real Estate & Facilities Mgmt.
PS20160981	Consultant for WPG Gym HVAC/Boiler Replacement	Davidson Bros Mechanical	217,900.00	Real Estate & Facilities Mgmt.
PS20151889	Construction Services for Renovations at Woodward's Cafe	Pax Construction Ltd.	208,108.00	Real Estate & Facilities Mgmt.
PS20151116	Contractor for National Yards Car Wash Upgrade	Manley Design + Construction	203,487.43	Real Estate & Facilities Mgmt.
PS20160592	Contractor for 2780 E. Broadway - Heating System Upgrade	Ram Mechanical Ltd.	201,000.00	Real Estate & Facilities Mgmt.
PS20160679	Rental of Tunnel Boring Machines	United Rentals - Canada	200,000.00	Engineering Services

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PS20160697	Supply and Delivery of Vitrified Clay Pipe and Fittings	Gladding McBean	200,000.00	Engineering Services
PS20160964	Liquor Distribution for Civic Theatres	Liquid Assets Distribution Ltd	200,000.00	Civic Theatres Department
PS20160011	Transportation Modelling for Viaducts	Parsons Inc.	199,920.00	Engineering Services
PS20160984	Consultant Services for Social Infrastructure Priorities Plan	Cityspaces Consulting Ltd	199,624.00	Community Services
PS20161344	Contractor for Roundhouse Cc Lighting Upgrade	Sasco Contractors Ltd	197,382.00	Real Estate & Facilities Mgmt.
PS20151030	Supply and Delivery of Compact Pickup Trucks	Ensign Pacific Lease Ltd	195,100.00	Engineering Services
PS20160662	Contract Amendment - John Broere	Western Management Consultants	192,000.00	Office of The City Manager
PS20160643	Construction Services for A New Park at 5th and Pine	Fricia Construction Inc.	191,320.00	Board of Parks & Recreation
PS20160684	General Contractor for Upgrades to Swimming Pool Change Rooms	Pax Construction Ltd	191,291.10	Real Estate & Facilities Mgmt.
PS20160848	Vancouver Police Department Screamin' Eagle Forensic Workstations -	Digital Reconnaissance Inc.	190,625.00	Police Board
PS20160158	Web Content Management System Support and Maintenance Renewal	Open Text Corporation	189,721.08	Human Resources
PS20160386	Grinding Services	B. A. Blacktop Ltd	180,000.00	Engineering Services
PS20160010	Supply and Delivery of Crack Sealer Kettletrailers	Paving Solutions	178,846.28	Engineering Services
PS20160029	Supply and Installation of An Emergency Generator at West End Community Centre	Sasco Contractors Ltd	178,553.00	Real Estate & Facilities Mgmt.
PS20160816	HP Trim Maintenance + Support Annual Fee	Hewlett Packard Canada Ltd	178,502.40	Human Resources
PS20160668	Downtown Bike Network Expansion - Cambie and Beatty	Lafarge Canada Inc.	175,880.00	Engineering Services
PS20161466	Contractor for Replacement of Underground Storage Tank Fire Hall 18	Protec Petroleum Services	174,684.44	Real Estate & Facilities Mgmt.
PS20160315	Design Services - Sunset Park	Van Der Zalm + Associates Inc.	173,709.90	Board of Parks & Recreation
PS20152048	Thermal Imaging for Residential Retrofit Targeting	Essess Inc.	173,306.00	Office of The City Manager
PS20160314	Contractor for PNE-Garden Auditorium Boiler Replacement	Piperun Plumbing and Mechanical Ltd	172,000.00	Real Estate & Facilities Mgmt.
PS20160305	Rental of Tunnel Boring Machines	United Rentals - Canada	169,038.30	Engineering Services
PS20160978	Contractor for China Town Plaza Heat Pump Replacement	Groen Environmental Systems Inc.	167,174.00	Real Estate & Facilities Mgmt.
PS20151209	Consultant for Street Unit Rate Review	The Gordian Group Inc.	165,891.00	Engineering Services
PS20160508	Contractor for Roofing Services at Kerrisdale Community Centre	Cambie Roofing & Drainage	164,000.00	Real Estate & Facilities Mgmt.
PS20161845	Broker Services	Willis Canada Inc.	160,000.00	Finance, Risk and Supply Chain
PS20160708	Supply, Installation and Maintenance of Plants	Brinkman & Associates Reforestation	157,882.17	Engineering Services
PS20152054	Architectural Consultant for Renovations at Marpole Place	Carscadden Stokes McDonald	153,292.00	Real Estate & Facilities Mgmt.

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PS20160914	Deconstruction Services for Level 8 and 9 at Central Library	T&T Demolition	152,040.00	Engineering Services
PS20161073	Re-Paving Works On East Broadway	B. A. Blacktop Ltd	151,363.18	Engineering Services
PS20151872	Consulting Services On Vancouver Development Cost Levy Rates and Allocations	Hemson Consulting Ltd.	149,920.00	Dev Svcs, Bldg. & Licensing
PS20161208	Contractor for Stanley Park HV Drainage System	AC Paving Co. Ltd.	143,900.00	Real Estate & Facilities Mgmt.
PS20160455	Contractor for Roofing Services for The Manitoba Works Yard Equipment Services Canopies	Marine Roofing (1996) Ltd	142,242.00	Real Estate & Facilities Mgmt.
PS20160009	Project Management Support Services for Viaducts	Colliers International	139,805.00	Engineering Services
PS20160479	Coating Maintenance Plan for Bridges	Stantec Consulting Ltd.	137,379.00	Engineering Services
PS20160301	Gastown Transportation Review and Data Collection	Bunt & Associates Engineering (BC)	137,013.00	Engineering Services
PS20151626	Design Consultant Services for The Blood Alley Square	Enns Gauthier Landscape Architects	136,786.00	Engineering Services
PS20161881	Supply and Delivery of Portable Hoists for VFRS	Westvac Industrial Ltd	136,250.00	Fire & Rescue Services
PS20161883	Contract Amendment - John Broere	Western Management Consultants	135,600.00	Office of The City Manager
PS20160940	Cash Recyclers for Civic Theatres	Cashtech Currency Products Inc.	134,801.50	Civic Theatres Department
PS20160209	Contractor for 281 Industrial - Window Replacement	Parkwood Construction Ltd	134,147.00	Real Estate & Facilities Mgmt.
PS20161388	Bloedel Conservatory Holiday Event Production	Pace Group Communications	130,000.00	Board of Parks & Recreation
PS20160763	Gartner IT Research Services	Gartner Canada Co.	128,979.00	Human Resources
PS20151189	Consultant for Bridge Inspections - Various Park Sites	Associated Engineering (BC) Ltd.	128,207.00	Board of Parks & Recreation
PS20161332	Renting, Cleaning and Repairing Coveralls	Canadian Linen & Uniform Service	125,000.00	Engineering Services
PS20151897	Supply and Delivery of a Thermoplastic Trailer	Mark Rite Lines Equipment	124,407.00	Engineering Services
PS20130830	Supply & Delivery of Service Panels	West Coast Electric Ltd	121,800.00	Engineering Services
PS20161474	Consulting Services for Temp Agency	Annex Consulting Group Inc.	121,455.83	Human Resources
PS20161641	Centennial Pole Transport	Pacific Industrial Movers LP	120,500.00	Community Services
PS20160504	Consultant Services for Aquatics Strategy Development	HCMA Architecture + Design	119,490.00	Board of Parks & Recreation
PS20151899	Supply and Delivery of A Vibratory Plate Compactor	Harrigan Rentals & Equipment Ltd	115,780.00	Engineering Services
PS20161470	Concrete Truck Delivery	Yard at A Time Concrete (1988) Ltd.	112,500.00	Engineering Services
PS20161463	Supply and Delivery of VHT Mail Out	Datacore	112,426.03	Finance, Risk and Supply Chain
PS20150432	Contractor for Fire Hall 5 Deconstruction	D. Litchfield & Co. Ltd	111,147.00	Real Estate & Facilities Mgmt.

Contract Reference	Description	Successful Vendor	Contract Award Value	Department
PS20160660	Consulting Service for Hastings Viaduct Rehabilitation	COWI North America Ltd	110,219.00	Engineering Services
PS20161126	Spectrum Annual Support	CDW Canada	109,340.71	Human Resources
PS20151386	HVAC Services - Various City Facilities	Just Mechanical Ltd.	108,660.00	Real Estate & Facilities Mgmt.
PS20160840	First Nations Consultant for Canada 150 Commemoration	Tewanee Consulting Group Inc.	108,000.00	Office of The City Manager
PS20161059	Methyl Methacrylate Skid Resistant Paint	Sutton Road Marking Ltd	107,365.00	Engineering Services
PS20161415	Consultant for Design and Construction Administration - Knight Marine	ISL Engineering and Land Services	106,290.00	Engineering Services
PS20160330	Lead Paint Removal From Breezway - Manitoba Yard Stores Building	Nucor Environmental Solutions Ltd	105,146.00	Real Estate & Facilities Mgmt.
PS20160287	Consultant for Key Gaps Cultural Infrastructure	AMS Planning & Research Corp.	104,100.00	Community Services
PS20160553	Contractor for English Bay Bath House: Re-Roof	JFR Concrete Repairs & Waterproofing	104,000.00	Real Estate & Facilities Mgmt.
PS20151906	Excavation and Shotcrete	RTR Terra Contracting Ltd	102,680.00	Engineering Services
PS20160371	Consultant for Design Services Clinton and Brewers Park	ISL Engineering and Land Services	100,700.00	Board of Parks & Recreation
PS20161364	Consulting Services Temp Agency	Ignite Technical Resources Ltd.	100,000.00	Human Resources
PS20161814	WorkSafeBC Claims Mgmt. Services	Morneau Shepell Ltd	100,000.00	Human Resources
PS20160861	Construction Services for The PNE-Garden Auditorium Chimney Rebuild	Parkwood Construction Ltd	96,864.00	Real Estate & Facilities Mgmt.
PS20161090	Lease of A Cart Washer Compactor	Urban Impact Recycling Ltd.	96,768.00	Engineering Services
PS20161226	Supply and Delivery of Caliper Trees	Multiple Vendors	94,775.50	Board of Parks & Recreation
PS20160292	OnSide - Restoration Services - Van Maritime Museum Flood	OnSide Restoration Services Ltd.	94,193.65	Real Estate & Facilities Mgmt.
PS20161197	City Manager's Office Renovations	Hodgson King and Marble Ltd	94,135.00	Real Estate & Facilities Mgmt.
PS20150769	Consultant for Pond Renewal at Dr. Sun Yat-Sen Park and Classical Chinese Garden	R.F. Binnie & Associates Ltd	93,485.00	Board of Parks & Recreation
PS20160530	Supply and Delivery of Envelopes	Supremex Inc.	93,233.19	Finance, Risk and Supply Chain
PS20160563	Electrical Services for Generator Upgrade	Mott Electric GP	92,165.85	Real Estate & Facilities Mgmt.
PS20151844	Consultant for Condo Deep Retrofit Research	RDH Building Science Inc.	90,000.00	Engineering Services
PS20151478	Provision of Consulting Services for Services Review	Deloitte Consulting	88,865.00	Human Resources
PS20161557	Empty Homes Tax and Audit Process	Ernst & Young LLP	87,446.00	Finance, Risk and Supply Chain
PS20151063	Design Consultant for Carnegie Community Centre Kitchen	Urbanicity Architecture	87,335.00	Real Estate & Facilities Mgmt.
PS20160117	Consultant for Park Foundation Implementation - Strategic Planning	Ketchum Canada (2002) Inc.	84,750.00	Board of Parks & Recreation
PS20151920	Deconstruction of 495 SE Marine Drive	D. Litchfield & Co. Ltd	84,579.00	Real Estate & Facilities Mgmt.

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PS20161846	Thermo Pai First Defender	Levitt-Safety Limited	82,340.00	Fire & Rescue Services
PS20160865	ESC Maintenance Services Agreement	ESC Automation Inc.	82,292.00	Real Estate & Facilities Mgmt.
PS20160526	Timber Framing Work for Playground Renovations at Hastings Mill Park	MacDonald & Lawrence	81,425.00	Board of Parks & Recreation
PS20150955	Design and Engineering Services for Rebuild of Fraserview Golf Course Driving Range	Carscadden Stokes McDonald	80,410.00	Board of Parks & Recreation
PS20160491	Cambie Bridge Sidewalk Widening	Stantec Consulting Ltd.	79,994.00	Engineering Services
PS20160554	Archive Cold Storage Vault	DBM Refrigeration Ltd.	79,926.00	Real Estate & Facilities Mgmt.
PS20160999	Additional Funding to Cisco Collaboration Suite Upgrades	Telus Communications Inc.	79,395.00	Human Resources
PS20151997	Akkermann Boring Machine Rental	Tumbleweed Equipment LLC	79,000.00	Engineering Services
PS20150851	Contractor for Building Code Upgrades - 231-251 Industrial Avenue	Olympic Projects Ltd	77,000.00	Real Estate & Facilities Mgmt.
PS20161101	Supply and Delivery of Quantum Data Cartridges	Scalar Decisions Inc.	76,865.00	Police Board
PS20160240	Environmental Site Investigation	Pottinger Gaherty Environmental	76,831.00	Real Estate & Facilities Mgmt.
PS20161562	All Souls 2016 & 2017	Paula Jardine	76,000.00	Community Services
PS20160375	Dog Waste Collection and Disposal	Scooby's Dog Waste Removal Services	75,000.00	Engineering Services
PS20160450	NEFC Streetscape	Urban Systems Ltd	75,000.00	Engineering Services
PS20160774	CMBS Infrastructure Upgrades for Pender	Coast Mountain Bus Company	75,000.00	Engineering Services
PS20160987	Google Search Appliance 2 Yr. Renewal/Support	ONIX Networking Canada Inc.	75,000.00	Human Resources

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PS20161586	NOITC	E-Learning Platform for VFRS	405,000.00	Medteq Solutions CA Ltd	Fire & Rescue Services
PS20160218	NOITC	Supply & Deliver HOBAS Pipe	231,399.17	Flocor Inc.	Engineering Services
PS20160158	NOITC	Web Content Management System Support and Maintenance Renewal	189,721.08	Open Text Corporation	Human Resources
PS20161881	NOITC	Supply and Delivery of Portable Hoists for VFRS	136,250.00	Westvac Industrial Ltd	Fire & Rescue Services
PS20160526	NOITC	Timber Framing Work for Playground Renovations at Hastings Mill Park	81,425.00	Macdonald & Lawrence	Board of Parks & Recreation
PS20160375	NOITC	Dog Waste Collection and Disposal	75,000.00	Scooby's Dog Waste Removal Services	Engineering Services
PS20160462	NOITC	Tempest Changes to Support Water Billing	52,502.50	The Tempest Development Group Inc.	Engineering Services
PS20161072	NOITC	Tenant Assistance Service	40,000.00	First United Church Community	Community Services
PS20161562	NOITC	All Souls 2016 & 2017	76,000.00	Paula Jardine	Community Services
PS20160990	NOITC	Esri Canada - Geospatial Roadmap Implementation	35,000.00	Esri Canada Ltd	Human Resources
PS20161841	NOITC	Brochure and Map Distribution	30,086.39	Certified Folder Display Service	Board of Parks & Recreation
PS20161572	NOITC	Local Oil Spill Response Plan (OSRP)	30,000.00	Nuka Research and Planning LLC	Office of the City Manager
PS20161654	NOITC	Specialized Moving for Public Art	30,000.00	Pacific Industrial Movers LP	Community Services
PS20161308	NOITC	2016 CSG Violence Risk Assessment	25,000.00	Bell, George	Human Resources
PS20161443	NOITC	Workshop Facilitation and Technical Support for Regional Community Advisory Council Proposal	24,900.00	Nuka Research and Planning LLC	Office of the City Manager
PS20160310	NOITC	Supply and Delivery of 2016 Tax Notices	20,000.00	VCR Print Co. Ltd	Finance, Risk and Supply Chain
PS20161121	NOITC	Northeast False Creek Water System Capacity Analysis	19,890.00	GeoAdvice Engineering Inc.	Engineering Services
PS20151407	NOITC	Laundry Machine for Turn Out Gear	17,202.82	Nicholson Mechanical Ltd	Fire & Rescue Services
PS20161835	NOITC	Online Energy Modeling Tool for Industry Capacity Building on NZE Building Plan	15,000.00	Open Green Building Society	Planning, Urban Des & Sustain
PS20160621	NOITC	Tempest upgrade to 7.2100 Web UI Version	11,847.62	The Tempest Development Group Inc.	Human Resources
PS20161171	NOITC	Environmental Assessment of Vancouver Landfill Gas Well Cleaning	9,967.00	SNC-Lavalin Inc.	Engineering Services
PS20161216	NOITC	Lids for Urns (MVC)	6,232.00	Lunaform	Community Services
PS20161813	NOITC	TTC - Combat Focus Shooting Course	5,460.00	I.C.E. Training Co. LLC	Real Estate & Facilities Mgmt.
PS20161532	NOITC	Supply of Sewage Screening Equipment (Demonstration)	1.00	International Waste Water Systems	Engineering Services

Contract Reference	Type	Description	Award Amount	Vendor Selected	Department
PS20160025	Urgent/Highly Specialized	Survey Equipment and Monitoring Services for Beechwood Avenue	461,769.00	Multiple Vendors	Engineering Services
PS20160125	Urgent/Highly Specialized	DTES Comfort Stations Supervision 2016	416,000.00	Jim Scott	Engineering Services
PS20160515	Urgent/Highly Specialized	Supply and Delivery of Automated Data Acquisition System (ADAS)	227,759.00	Spatial Technologies	Engineering Services
PS20160011	Urgent/Highly Specialized	Transportation Modelling for Viaducts	199,920.00	Parsons Inc.	Engineering Services
PS20160292	Urgent/Highly Specialized	OnSide - Restoration Services - Van Maritime Museum Flood	94,193.65	On Side Restoration Services Ltd.	Real Estate & Facilities Mgmt.
PS20160551	Urgent/Highly Specialized	Consultant for Engagement Process	20,000.00	The Strategic Action Group	Board of Parks & Recreation
PS20161936	Urgent/Highly Specialized	Emergency Board Ups	20,000.00	Yeomen Property Maintenance &	Dev Svcs, Bldg. & Licensing
PS20161937	Urgent/Highly Specialized	Emergency Board Ups	20,000.00	Wakefield Development Ltd.	Dev Svcs, Bldg. & Licensing
PS20160527	Urgent/Highly Specialized	Emergency Archaeological Services for Vanier Park	18,249.50	Kleanza Consulting Ltd	Engineering Services
PS20160124	Urgent/Highly Specialized	General Advisory Services	18,000.00	Beasley & Associates, Planning Inc.	Office of the City Manager
PS20160280	Urgent/Highly Specialized	Restoration Contactor for flood Mitigation	10,127.72	On Side Restoration Services Ltd.	Real Estate & Facilities Mgmt.
PS20160103	Urgent/Highly Specialized	Fire Truck Rental	9,000.00	Safetek Emergency Vehicles Ltd.	Engineering Services
PS20160339	Urgent/Highly Specialized	Van. Aquatic Center - Lift replacement	5,400.00	Vertech Elevator Services Inc.	Real Estate & Facilities Mgmt.
PS20161035	Urgent/Highly Specialized	Supply and Delivery of 666 Tonnes of Rock 3" Minus Recycled	4,995.00	Fairway Recycle Group Inc.	Engineering Services