



Report to: General Committee

Report Date: May 1, 2017

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**SUBJECT:** Staff Awarded Contracts for the Month of April 2017  
**PREPARED BY:** Alex Moore, Ext. 4711

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**RECOMMENDATION:**

1. THAT the report entitled “Staff Awarded Contracts for the Month of April 2017” be received;
2. And that Staff be authorized and directed to do all things necessary to give effect to this resolution

**PURPOSE:**

To inform Council of Staff Awarded Contracts >\$50,000 for the month of April 2017 as per Purchasing By-law 2004-341.

**BACKGROUND:**

The Purchasing By-Law delegates authority to staff to award contracts without limits if the award meets the following criteria:

- The award is to the lowest priced bidder
- The expenses relating to the goods / services being procured is included in the approved budget (Operating/Capital)
- The award of the contract is within the approved budget
- The award results from the normal tendering process of the City (i.e. open bidding through advertisements that meet transparency and enables open participation)
- The term of the contract is for a maximum of 4 years
- There is no litigation between the successful bidder and the City at the time of award
- There are no bidder protests at the time of contract award

If one (1) of the above noted criteria is not met then any contract award >\$350,000 requires Council approval.

Where the contract being awarded is a Request for Proposal (RFP) the approval authority limits of staff is up to \$350,000.

**Community & Fire Services**


Award Details	Description
Highest Ranked / Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 290-R-15 Consulting Engineering Services for Underground Streetlight Cable Replacement Program – Contract Administration</li> </ul>
Non-Competitive Supplier	<ul style="list-style-type: none"> <li>• 118-S-17 Library Shelving and Lighting Replacement at the Unionville Library - Phases 2 and 3</li> <li>• 136-S-17 Supply and Delivery of 5 Pickup Trucks</li> </ul>

**Corporate Services**

Award Details	Description
Non-Competitive Supplier	<ul style="list-style-type: none"> <li>• 336-S-09 - Fireworks Display, Canada Day Celebration (Contract Extension)</li> </ul>

**Development Services**

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"><li>• 211-T-16 Box Grove Rizal Neighbourhood Park – Construction</li><li>• 100-Q-17 Landscape Architectural Consulting Services, Cornell Centre NP and Woodlot</li><li>• 103-Q-17 Landscape Architectural Consulting Services, Alexander Lawrie NP East and West Parks</li><li>• 108-T-17 Rouge Valley Trail and Pedestrian Bridge Construction from Drakefield Road to Markham Road through the Milne Conservation Park (Phase 3)</li><li>• 129-T-17 Water, Sanitary and Storm Sewer Connections at Various Locations</li></ul>

X   
Joel Lustig  
Treasurer

X   
Trinela Cane  
Commissioner, Corporate Services



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	290-R-15 Consulting Engineering Services for Underground Streetlight Cable Replacement Program – Contract Administration
Date:	March 30, 2017
Prepared by:	Shipra Singh, Senior Asset Coordinator, Asset Management ext. 2747 Flora Chan, Senior Construction Buyer, ext. 3189

**PURPOSE**

To obtain approval to award the contract for contract administration services (CA) for the Underground Streetlight Cable Replacement Program.

**RECOMMENDATION**

Recommended Supplier	IBI Group. (Highest Ranked / Lowest Priced Supplier)	
Current Budget Available	\$ 165,850.00	058-6150-16224 Streetlights Underground Cable Replacement/Repair (2016)
Less cost of award	\$ 149,611.50	CA Services for 30 weeks (Inclusive of HST Impact)
	\$ 14,961.16	Contingency @ 10%
	\$ 164,572.66	Total Cost of Award
Budget Remaining after award	\$ 1,277.34	*

\* The remaining budget of \$1,277.34 will be returned to the original funding source.

Note: IBI Group’s price for Contract Administration services is \$4,987.05 per week or \$149,611.50 for 30 weeks.

**BACKGROUND**

In June 2016, Staff awarded Request for Proposal 290-R-15 to the highest ranked / lowest priced bidder for consulting services to provide detailed design, contract administration and inspection services for underground streetlight cable replacement. The contract was broken down into two (2) stages with consultants providing pricing for both stages.

The stages were as follows:

- Stage 1 - Detailed design (COMPLETED)
- Stage 2 - Contract Administration and Construction Inspection Services (**THIS AWARD**)

Staff awarded Stage 1 works through the appropriate award authority in February 2016 to IBI Group and at that time identified within the Staff Award Report that Stage 2 works would be awarded after Stage 1 works was completed to Staff satisfaction.

This was to ensure Staff were satisfied with performance and to award the contract administration and construction inspection services at the time of construction as the construction period was unknown at the time of award of Stage 1

Staff are satisfied with IBI Group performance on Stage 1 works and therefore recommends awarding Stage 2 works as per the original bid submission.

This award is for contract administration services for 18 km of underground streetlighting cables at the following areas:

- **Area “A”** (2.5 Km): Village Square Lane, Silver Brook Court, Forest Park Crescent, Henderson Avenue, Cedar Forest Court, Dale Park Court, Dell Glen Court, Brooklet Court, Park Brook Place
- **Area “B”** (7.1 Km): Brendon Court, Old English Lane, Limcombe Drive, Seinecliffe Road, Lafayette Place, Valloncliffe Road, Babcombe Drive, Laureleaf Road, Hammock Crescent, Apricot Street, Stoneybrook Court, Spinning Wheel Court,

- **Area “C”** (2.2 Km): Carlton Road
- **Area “D”** (3.9 Km): Ramona Boulevard, Woodside Court, Sir Lancelot Drive, Merlin Gate, Sir Gawaine Place, Sir Pellias Terrace, Sir Brandiles Place, Sir Gareth Court, Sir Kay Drive
- **Area “E”** (2.3 Km): Senator Reesor’s Drive, Berczy Gate, Henry Corson Place, John Dexter Place

The project is expected to commence in May 2017 and be completed by December 2017.

**FINANCIAL CONSIDERATIONS (Inclusive of HST)**

Account Name	Account #	Budget Available for CA	This Award (CA)	Remaining Budget
Streetlights – Underground Cable Replacement/Repair (2016)	058-6150-16224-005	\$165,850.00	\$164,572.78	\$1,277.34*

\* The remaining budget of \$1,277.34 will be returned to the original funding source.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

Contract administration has been included as part of the overall Streetlight Cable Replacement Program (total amount of \$59.4M over the next 25 years) within the Lifecycle Reserve Study. There is no operating budget impact.

**ENVIRONMENTAL CONSIDERATIONS**

N/A



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	118-S-17 Library Shelving and Lighting Replacement at the Unionville Library, Phases 2 and 3
Date:	March 30, 2017
Prepared by:	Chris Sheehy, Manager, Facilities and Workplace Safety, Ext. 4274

**PURPOSE**

To obtain approval to award the contract for Phases 2 and 3 for the replacement of library shelving and lighting at the Unionville Library.

**RECOMMENDATION**

Recommended Supplier (s)	Out of the Box Associates (Non-competitive Procurement)	
Current Budget Available	\$ 95,600.00	076-6150-17127-005 Replacement Library Shelving & Furniture
Less cost of award	\$ 95,527.20	Phase 2 Inclusive of HST
	\$ 94,635.78	Phase 3 Inclusive of HST
	\$ 4,731.79	Phase 3 Contingency *
	\$ 99,367.57	Phase 3 Total **
	\$ 194,894.77	Total award
Budget Remaining after this award	\$ 72.80	***

\* Staff is requesting a 5% contingency to cover any potential cost escalations by the furniture manufacturer and/or electrical supplier. Note that the installer/distributor Out of the Box Associates will maintain their installation prices for phases 2 and 3.

\*\*Subject to Council approval of the 2018 capital budget for annual replacement of library shelving and furniture.

\*\*\*The remaining budget in the amount of \$72.80 will be returned to original funding source.

**Staff further recommends:**

THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 (1) (g) which states; “where it is in the City’s best interest not to solicit a competitive bid.”

**BACKGROUND**

This award is for Phases 2 and 3 to replace all fixed book shelving with attached lighting at the Unionville Library (UL). The total cost of the three phases is estimated to be \$278,268; Phase 1 - \$82,437 (completed – shelving – 7 rows double-sided, 1-row single-sided/lighting – 8 rows ), Phase 2 - \$95,527 (this award – shelving – 8 rows double-sided/lighting – 8 rows) and Phase 3 - \$94,635.78 (this award - subject to Council approval of the budget in 2018 – shelving – 7 rows double-sided, 1 row single-sided/lighting – 9 rows ) and is included in the lifecycle study as part of the annual shelving and furniture program.

The Phase 2 pricing is based on a 2017 quotation for this component of the work. Phase 3 (2018) will represent the completion of this project.

The current UL shelving is original to that 1983-era building. These units have exceeded their 25-year lifespan by an additional 8 years. It is estimated the new shelving will have a 25 year life span with a 25 year warranty. Staff will conduct condition assessment on the shelving after 25 years and will replace the shelves only when assessments indicate replacement is required. The only lighting source in these areas of the building are fixed to the shelves themselves, and therefore replacement of the shelves also requires replacement of the original attached fluorescent-tube lighting with new Fluxwerx symmetrical LED lighting. Conduit channels run along the top of all shelving units.

**BACKGROUND (Continued)**

**Furniture manufacturer (Montel Inc.)**

The recommended furniture type is manufactured by Montel Inc. (Montel) the Library has used Montel shelving furniture for recent replacement projects at several Markham Public Library ('MPL') locations: Angus Glen (2004), Markham Village (2008), Thornhill Community (2011) and Thornhill Village (2014-2015). Montel provides a more robust product than those offered by other manufacturers and also offers a lifetime warranty (25 years) compared to a 5-year warranty offered by other companies. Since library shelving remains in use for many years, a lifetime warranty (25 years) is essential to ensure long service and replacement of damaged units as required. The shelving that will be installed at South East Library is from VenRez however library staff do not recommend this product for the Unionville Library as it will not match the existing units and remains untested at this time.

Additionally, Montel is now used in multiple library branches and components can be interchanged between locations as required – e.g. damaged shelves can be replaced quickly. This creates additional flexibility that would be absent if a different shelving supplier manufacturer was used.

**Installer/distributor (Out of the Box Associates)**

There are a limited number of installers/distributors who are able to provide this product. Staff has confirmed that Out-of-the-Box receives preferred pricing for shelving from Montel for the City of Markham's geographical area and receives a 43% discount off the list price. Also, Out-of-the-Box is a local company and is able to perform warranty repairs quickly. Staff contacted other installers/distributors and feedback was as follows; Brodart has shut down Canadian operations and no longer install/distribute in Canada. Carr Maclean Limited was contacted to see if they have the capability to install the shelving with the chosen integrated lighting package. At this time they do not have this capability, and therefore would slow down the process.

**Lighting (Out of the Box Associates)**

The lighting replacement represents approximately half of the budget that could be separated out of the project and competitively priced. However, Staff recommends that both components of the project (shelving and lighting) be undertaken together by a single contractor (Out of the Box Associates). This approach will simplify the project management aspect and ensure completion with minimal impact on Library operations, which must continue without interruption. The shelving and lighting are integrated components and must be removed and installed simultaneously. Therefore both trades must work in close proximity to and cooperatively with each other throughout the project. Separation of the components would create additional complication and delay, pushing out the timelines and further impacting public service at the Library.

Montel and Out of the Box have undertaken a number of recent public library projects, including three major projects at the Toronto Reference Library, 789 Yonge St, Toronto: Special Collections in 2013 / Powered Public Collections floors 3, 4, 5 in 2014 / Collections relocation in 2016. Other recent awards include Hamilton Public Library, Waterdown Branch (2015), Wellington Public Library (two locations 2014/2015), and Kitchener Public Library Main Branch (2014).

The lighting component is unique to this project, due to integration of the wiring into the shelving itself and use of customized hanging hardware. Therefore there is no way to compare this component with other library shelf replacement projects. However, negotiations with Out of the Box have led to a reduction in the vendor's pricing for this component and he is essentially passing through his cost without additional mark-up.

**ENVIRONMENTAL CONSIDERATIONS**

Existing fluorescent tube lighting dating back to the 1980s is being replaced with modern LED lighting in this project. The LEDs are more energy efficient and consume less power. Also, money and energy is saved in maintenance and replacement costs due to the longer LED lifespan.

Savings in energy consumption can be expected after full conversion of the lighting, which will take 3 years (2016 – 2018). Expected energy savings upon full project implementation include 75W per aisle, a 30% reduction in power and a 30% reduction in heat load for air conditioning systems. The LED should require no maintenance for a minimum of 10 years. Fluorescent lamps contain mercury, creating environmental concerns at the point of disposal. LED contains no mercury or other designated substances, and produces no UV light which can damage paper materials over time.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

Sustainability Dept. staff have confirmed an estimated savings of 2,101 kWh/year, or \$335/year using the 2017 budget rate of \$0.16/kWh, this total saving will be achieved at the end of the three year replacement program (cumulatively \$129 in 2016; \$226 in 2017; \$335 in 2018). The full savings of \$335/year will be realized upon completion of all 3 phases of the shelving/lighting replacement anticipated from 2019 on. Reduction in maintenance cost will be monitored and adjusted accordingly in future years operating budgets. Future replacements of these shelving/lighting are included in the annual Library furniture and shelving program within the current Lifecycle Replacement and Capital Reserve.



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	136-S-17 Supply and Delivery of 5 Pickup Trucks
Date:	March 28, 2017
Prepared by:	Patti Malone, Senior Buyer, ext. 2239 Laurie Canning, Manager, Fleet & Supplies, ext. 4896

**PURPOSE**

To obtain approval to purchase 5 pickup trucks to offset the requirements of the seasonal rental program.

**RECOMMENDATION**

Recommended Supplier	Discount Car and Truck Rental (Preferred Supplier)	
Current Budget Available	\$ 54,196.22	750-752-5500 Vehicle Rental (2017 & 2018 operating budget)*
	\$ <u>120,144.08</u>	44-6100-009-005 Small Capital Acquisitions
	\$ 174,340.30	Award Total
Less Cost of Award	\$ 54,196.22	(2017 & 2018 operating budget)*
	\$ <u>120,144.08</u>	44-6100-009-005 Small Capital Acquisitions
	\$ 174,340.30	Total Cost of Award (Incl. of HST)
Budget Remaining after this Award	\$ 0.00	

\*Subject to Council approval of the 2018 operating budget.

Funding in the amount of \$27,098.11 per year (for a total of \$54,196.22 for two years) that was intended for the rental of 5 vehicles will be used to partially fund the purchase cost.

Staff further recommends: THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7, “(b) where there is only one source of supply for the goods to be purchased;”

**BACKGROUND**

The City on an annual basis rents vehicles for spring and summer requirements for the Operations, Parks, Roads, Waste Management, and Bylaw Departments.

In order to mitigate the costs for the City’s annual rental budget, Staff undertook a project to find the most cost effective method and as such commenced a project in 2011 to purchase two (2) used vehicles in lieu of renting.

**2011 Purchase of two (2) vehicles vs renting two (2) vehicles**

The City commenced the project to determine if the purchase of vehicles for seasonal usage was more cost effective than renting the vehicles. The outcome of this project was cost savings of \$2,000 (including maintenance and insurance) over a two year period. As a result of the success of the 2011 program, Staff expanded the program in 2014.

**2014 Purchase of five (5) vehicles vs renting five (5) vehicles**

The City expanded the program through the purchase of five (5) pickups the condition of the vehicles will be assessed in Fall 2017 to determine whether or not the vehicles will be retained for additional year or sold at public auction in 2017. The expected savings should the vehicles be sold in 2017 is approximately \$74,000.

As a result of the continued success of this program, Staff are recommending expanding the program with the purchase of five (5) additional vehicles.



**2017 Purchase of five (5) vehicles vs renting five (5) vehicles (Recommended under this award)**

As a result of the continued success of this program, Staff are recommending expanding the program with the purchase of five (5) additional vehicles

The following is the rationale:

The City solicited bids from our rental companies for five (5) 1 year old (low usage vehicles) with the following prices received:

- Discount - 2016 Dodge RAM 1500 SLT Crew Cab 4x4 - \$34,868.06
- Somerville – 2016 Chevy Silverado 1500 LT 5.75 Crew Cab 4x4 - \$41,518.08
- Blackbook value (Retail) - \$34,903 to \$41,619

Therefore, using a \$34,868.06 purchase price and a resale value (identified as the Average blackbook value in 2 years) of \$26,900, Staff anticipate minimum savings of \$12,770 for the 5 vehicles over 2 years.

**FINANCIAL CONSIDERATIONS**

	\$	\$
<b>Capital Costs</b>		
Purchase Price 2016 Dodge RAM 1500 SLT Crew Cab 4x4	34,868	
Estimated Sale Proceeds - based upon wholesale blackbook resale value (Feb 17)	<u>(26,900)</u>	
<b>Projected Depreciation (A)</b>		7,968
<b>Maintenance Costs (2017-2018)</b>		
Oil Change (parts)	100	
License Stickers	240	
Insurance	<u>1,100</u>	
<b>Total Repair/Maintenance Costs (C)</b>		1,440
<b>Total Cost of Ownership (D) = (A+B+C)</b>		<u>9,408</u>
<b>Rental Savings (2017-2018)</b>		
Contracted Rental Costs (Fourteen Months at \$802/month)	(11,228)	
Anticipated Cost of Rental Damage (\$367 per year)	<u>(734)</u>	
<b>Total Rental Savings (D)</b>		(11,962)
<b>Estimated Costs/(Savings) per Truck (E) = (D-C)</b>		(2,554)
<b>Estimated Savings for Five Trucks (F) = E x 5</b>		<u><u>(12,770)</u></u>

Note: Any maintenance, repairs or licensing cost that is outside manufacturer’s warranty will be charged to 44-6100-009-005 Small Capital Acquisitions.

It is anticipated that the vehicles will be sold after 2 years with the proceeds from the sale being returned to account 44-6100-009-005 Small Capital Acquisitions.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

The rental budget amount of \$54,196.22 (\$27,098.11 per year) included in the Operating Budget will be used to partially fund the purchase cost.

There is no impact to the Lifecycle Replacement and Capital Reserve Fund.

**ENVIRONMENTAL CONSIDERATIONS**

N/A



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	336-S-09 - Fireworks Display, Canada Day Celebration (Contract Extension)
Date:	January 17, 2017
Prepared by:	Kimberley Kitteringham, City Clerk Alex Moore, Senior Manager, Purchasing & Accounts Payable

**PURPOSE**

The purpose of this report is to obtain approval to extend the contract for the supply of fireworks display for Markham Canada Day Celebration on July 1 in the years 2017, 2018, and 2019 at the same 2006 itemized pricing.

**RECOMMENDATION**

Recommended Supplier	Redboss Pyrotechnicians Inc. (Non Competitive Procurement)	
Original Budget and Account #	N/A	25 2100016 Canada Day Committee
Current Budget Available	N/A	
Less cost of award	\$ 30,000.00	Exclusive of HST for 2017*
	\$ 30,000.00	Exclusive of HST for 2018*
	\$ 30,000.00	Exclusive of HST for 2019*
	\$ 90,000.00	
Budget Remaining after this award	N/A	

\* Subject to Council approval of each budget in years 2018 and 2019

**Note:** It should be noted that the budget of Markham’s Canada Day Celebration varies each year subject to each year’s grant and Redboss has continued to provide the fireworks within the established annual budget.

Staff recommends: THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 (h) where it is necessary or in the best interests of the City to acquire non-standard items from a preferred supplier or from a supplier who has a proven track record with the City in terms of pricing, quality and service.

**BACKGROUND**

Redboss has been the supplier of fireworks display for Markham’s Canada Day Celebration since 1996 and has established a good working relationship with the City.

Redboss completed their 2016 Canada Day celebrations and through discussions with Redboss they have agreed to maintain their same itemized pricing for three (3) additional years (2017 – 2019) and support any new program requirements.

**DISCUSSION**

In evaluating the City’s options, a number of investigative steps were undertaken by staff. The reasons for recommending the award to Redboss are as follows:

Value for Money

- As part of the Canada Day occurring in 2017 as part of Canada’s 150th anniversary celebration, Redboss have agreed to provide an extra \$5,000 worth of fireworks at no cost to the City.
- USD has impacted the cost of fireworks; however, Redboss has agreed to maintain the same rate they have provided since 2006.
- The annual recommended award is a competitive price within this specialized industry. Staff’s research of the market place has confirmed the price proposal is considered to be competitive in the industry. It is difficult to compare quotes based on pricing as everyone has a dollar budget in order to provide the best show available. The typical fireworks shows can cost between \$30,000 - \$100,000 with the average cost being \$40,000 for a 15 minute show. It should be noted the City has the ability to reduce the cost; however, the fireworks display would have to be reduced in terms of quality and duration.

Value for Money (Continued)

- Staff reviewed three neighbouring GTA municipalities which also utilize Redboss as a preferred supplier; their costs are \$35,000 and \$45,000 for a comparable fireworks display.

Customer Service

- Redboss has a strong record of executing excellent fireworks displays at Canada Day, and has received favourable feedback from the viewing public. Awarding this contract to Redboss will ensure that public will continue to enjoy quality fireworks displays for the next 3 years (contingent upon budget approval each year).

Operational Service / Safety

- Redboss inspects the site, does the necessary site plans, arranges for delivery, set up of fireworks display, clean up, removal of equipment, and completes final site inspection. Redboss carries liability insurance in the value of \$5.0M.
- Redboss safety record has been impeccable and they have not had an insurance claim or injury since they commenced work with the City.
- Redboss technicians must have a minimal of five (5) years experience before they can oversee a show, some other providers will allow staff to oversee a show after only three (3) shows.

Redboss has agreed to continually customize the fireworks display for Markham's Canada Day celebration from 2017 to 2019 based on City requirements at a cost that will not exceed the City's approved annual budget.

**STAFF AWARD REPORT**

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To:	Andy Taylor, Chief Administrative Officer
Re:	211-T-16 Box Grove Rizal Neighbourhood Park – Construction
Date:	April 21, 2017
Prepared by:	Morteza Behrooz, Project Manager, Park Development, Ext. 5757 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

**PURPOSE**

To obtain approval to award the contract for the construction of the Box Grove Rizal Neighbourhood Park.

**RECOMMENDATION**

Recommended Supplier	Landtar Construction Inc. ( Lowest Priced Supplier)	
Current Budget Available	\$ 1,371,900.00	081-5350-16021-005, Boxgrove Rizal Neighbourhood Park – Construction
Less cost of award	\$ 1,308,757.75	Construction
	\$ 58,894.10	Contingency (4.5%)*
	\$ 1,367,651.85	Total (Inclusive of HST)
Budget Remaining after this award	\$ 4,248.15	**

\*Standard contingency is 6%, however based on a lower requirement of exporting of soils and less depth excavation, risk impact on earthworks will be less. Staff therefore recommends a contingency of 4.5%.

\*\*The remaining funds in the amount of \$4,248.15 will be returned to the original funding source.

**BACKGROUND**

Box Grove Rizal Neighbourhood Park is bordered by Rizal Ave. and Rennie Ave. in the Box Grove Neighbourhood.

The project will include:

- Site preparation and grading of site;
- Concrete paving;
- Asphalt paving;
- Sub-drainage
- Storm servicing
- Electrical
- Shade structure
- Playground areas
- Planting
- Sodding
- Site furnishings.
- Basketball half-courts

**BID INFORMATION**

Advertised	ETN
Bid closed on	March 02 2017
Number picking up document	26
Number responding to bid	14

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Landtar Construction Inc.</b>	<b>\$ 1,388,130.55 *</b>
Lomco Limited	\$ 1,399,622.30
DPSL Group Ltd.	\$ 1,406,323.20
Melfer Construction Inc.	\$ 1,417,702.22

Suppliers	Bid Price (Inclusive of HST)	
Serve Construction Ltd.	\$	1,518,715.08
LocPave Construction	\$	1,521,965.71
Seawaves Development Services Inc.	\$	1,607,339.90
Mopal Construction Ltd.	\$	1,608,449.09
Gateman-Milloy Inc.	\$	1,698,577.92
Pine Valley Corporation	\$	1,775,802.57
Cambium Site Contracting	\$	1,849,247.80
CSL Group Ltd.	\$	1,949,343.21
Royalcrest Paving Ltd.	\$	2,308,133.55
Dic-Con International Ltd.	\$	2,543,853.77

\* Landtar Construction Inc.'s ("Landtar") original bid price for this contract was \$1,388,130.55 (inclusive of HST) which exceeded the City's budget. As outlined in Section 17.2 of the City's *General Terms and Conditions*, "The City reserves the right, in its sole discretion, to negotiate with the lowest priced Supplier...in the event that the Bid prices submitted by the Suppliers exceed the City's budget..." Consequently, staff reviewed potential opportunities and entered into negotiations with Landtar to seek options to reduce the price, in order to better meet the City's approved budget. Staff was able to reduce the price by \$79,372.80 from \$1,388,130.55 to \$1,308,757.75 by minimizing the depth of excavation resulting in the reduction of soil being exported.

The project is anticipated to be completed by June 2018 and the Operations, Asset Management, Recreation and Purchasing Departments were consulted during the process.

#### ENVIRONMENTAL CONSIDERATIONS

Included Specification Section 01561 – Environmental Protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction:

- Park grading is designed to minimize the amount of import and/or export of soils
- Plant materials ( i.e., shrubs and trees are non-invasive and many of which are native species)

#### FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Available	Cost of Award	Budget Remaining
Box Grove Rizal Neighbourhood Park – Construction	081-5350-16021-005	\$ 1,371,900.00	\$ 1,367,651.85	\$ 4,248.15

\*The remaining funds in the amount of \$4,248.15 will be returned to the original funding source.

#### OPERATING BUDGET AND LIFECYCLE IMPACT

The Operations Department has reviewed the project and supports the future maintenance requirements. Future requirements include grass cutting and trimming, litter pick-up, garbage disposal and playground inspections.

The Box Grove Rizal Neighbourhood Park is 2.42 hectares and the budgeted cost per hectare is \$8,584/ha. Therefore the annual operating and maintenance impact is approximately \$20,773.28 (2.42 ha x \$8,584/ha). This operating increase has been added to the 2017 Operating budget.

The Lifecycle impact of this park will be \$1,094K. The Lifecycle impact of this park is estimated to be 80% of the total construction of the park. Every park has various amenities, each with various life-spans. Staff will update the Lifecycle Reserve Study at the next update to incorporate the various components of the park.



**STAFF AWARD REPORT**

To:	Biju Karumanchery, Director Planning & Urban Design
Re:	100-Q-17 Landscape Architectural Consulting Services, Cornell Centre NP and Woodlot
Date:	April 24, 2017
Prepared by:	Morteza Behrooz, Project Manager, Park Development, Ext. 5757 Rosemarie Patano, Senior Construction Buyer Ext. 2990

**PURPOSE**

To obtain approval to award the contract for Landscape Architectural Consulting Services, Cornell Centre NP and Woodlot

**RECOMMENDATION**

Recommended Supplier	Strybos Barron King Ltd. (Lowest Priced Supplier)	
Current Budget Available	\$ 90,000.00	081-5350-17006-005 Cornell Centre NP and Woodlot - Design
Less cost of award	\$ 76,523.52	Total award (Inclusive of HST )
	\$ 5,356.65	Contingency @ 7%
	\$ 81,880.17	Total Cost of Award
	\$ 7,369.21	Internal Project management fee 9%
	\$ 89,249.38	Total project cost
Budget Remaining after this award	\$ 750.62	*

\* The remaining funds in the amount of \$750.62 will be returned to the original funding source.

**BACKGROUND**

The Cornell Centre NP and Woodlot is located on the south side of Riverlands Ave. and west of William Forster Rd.

The anticipated program elements for the park include:

- Shade structure
- Children’s playground(s)
- Off-Leash Dog Area
- Walkways
- Woodlot trail(s)
- Restoration Planting associated with the woodlot

The Landscape Architect will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services. An Architect has been hired separately for full architectural services for a maintenance building (approximately 150sq.m.) and associated works yard (approximately 200sq.m.) which will be constructed on the north side of the park with access from Riverlands Ave. or William Forster Rd. (to be determined).

**BID INFORMATION**

Advertised	By Invitation
Bids closed on	April 19, 2017
Number picking up bid documents	7
Number responding to bid	7

**PRICE SUMMARY**

<b>Suppliers</b>	<b>Bid Price (Inclusive of HST)</b>	
<b>Strybos Barron King Ltd.</b>	<b>\$</b>	<b>80,593.92*</b>
G.O'Connor Consultants Inc.	\$	86,496.00
Cosburn Giberson Consultants Inc.	\$	90,866.59
NAK Design Strategies Inc.	\$	95,654.40
Schollen & Company Inc.	\$	105,116.04
Cosburn Nauboris Limited	\$	121,603.20
PMA Landscape Architects Ltd.	\$	146,534.40

\* Strybos Barron King Ltd’s (“SBK”) original bid price for this contract is \$80,593.92 (inclusive of HST). Section 17.3 of the City’s *General Terms and Conditions* states that “The City reserves the right, in its sole discretion, to award in whole or in part (including, without limitation, by part, item or group of items)”. Consequently, staff reduced the allocated Sub-Consultant Allowance by \$4,070.40 and therefore the Award was reduced from \$80,593.92 to \$76,523.52. This change brings the project back within the estimated design budget.

Landscape architectural services shall include typical full scope of services, with substantial performance of constructed works anticipated in Winter 2018. The vendor shall remain retained under this Award for a two (2) year warranty period after Substantial Completion to complete warranty inspection and handover services.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account #</b>	<b>Budget Available</b>	<b>Cost of Award</b>	<b>Budget Remaining</b>
081-5350-17006-005 Cornell Centre NP and Woodlot - Design	081-5350-17006-005	\$ 90,000.00	\$ 89,249.38	\$ 750.62

\* The remaining funds in the amount of \$750.62 will be returned to the original funding source.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

N/A – will be determined at time of construction award.

**ENVIRONMENTAL CONSIDERATIONS**

Environmental protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction. Design to consider and minimize import/export of soils and restoration planting associated with the woodlot.



**STAFF AWARD REPORT**

To:	Jim Baird, Commissioner Development Services
Re:	103-Q-17 Landscape Architectural Consulting Services, Alexander Lawrie NP East and West Parks
Date:	April 13, 2017
Prepared by:	Morteza Behrooz, Project Manager, Park Development, Ext. 5757 Rosemarie Patano, Senior Construction Buyer Ext. 2990

**PURPOSE**

To obtain approval to award the contract for Landscape Architectural Consulting Services, Alexander Lawrie NP East and West Parks

**RECOMMENDATION**

Recommended Supplier	Cosburn Giberson Consultants Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 98,910.72	081-5350-17014-005 Alexander Lawrie NP East and West Parks - Design & Construction
Less cost of award	\$ 82,491.74	Total award (Inclusive of HST )
	\$ 6,599.34	Contingency @ 8%
	\$ 89,091.08	Total Cost of Award
	\$ 8,018.20	Internal Project management fee 9%
	\$ 97,109.28	Total project cost
Budget Remaining after this award	\$ 1,801.44	*

\*The remaining budget in the amount of \$1,801.44 will returned to the original funding source.

**BACKGROUND**

Wismer Alexander Lawrie NP East and West comprises two park blocks (combined area of 3.98Acres) located on either sides of Fred Valley Public School. The west park is fronting Alexander Lawrie Avenue and east park is fronting James Parrot Avenue. Both of these park blocks are adjacent to the Robinson Creek valley system and touch the TRCA Screen Zone along the northern edges. It is expected that the park designs should be evaluated within the TRCA guidelines and designed to obtain approvals from the TRCA.

The anticipated program elements for the park include:

- Shade structure
- Children’s playgrounds
- Adult Fitness
- Minor Sports Filed
- Benches
- Games Tables
- Planting
- Landscape Buffer
- Walkways

These two park designs should be designed in conjunction with one another in order to provide maximum value to the community. The successful proponent will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services.

**BID INFORMATION**

Advertised	By Invitation
Bids closed on	April 07, 2017
Number picking up bid documents	5
Number responding to bid	4



**PRICE SUMMARY**

<b>Suppliers</b>	<b>Bid Price (Inclusive of HST)</b>
<b>Cosburn Giberson Consultants Inc.</b>	<b>\$ 87,579.74*</b>
Mark Setter Associates	\$ 88,889.40
MEP Design Inc.	\$ 108,150.53
Cosburn Nauboris Limited	\$ 139,920.00

\*Cosburn Giberson Consultants Inc. (“CGC”) original bid price for this contract is \$87,579.74 (inclusive of HST). Section 17.3 of the City’s *General Terms and Conditions* states that “The City reserves the right, in its sole discretion, to award in whole or in part (including, without limitation, by part, item or group of items)”. Consequently, staff reduced the allocated Sub-Consultant Allowance by \$5,088.00 and therefore the Award was reduced from \$87,579.74 to \$82,491.74. This change brings the project back within the estimated design budget.

Landscape architectural services shall include typical full scope of services, with substantial performance of constructed works anticipated in Spring 2018. The vendor shall remain retained under this Award for a two (2) year warranty period after Substantial Completion to complete warranty inspection and handover services.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account #</b>	<b>Budget Available</b>	<b>Cost of Award</b>	<b>Budget Remaining</b>
081-5350-17014-005 Alexander Lawrie NP East and West Parks - Design & Construction	081-5350-17014-005	\$ 98,910.72	\$ 97,109.28	\$ 1,801.44

\*The remaining budget in the amount of \$1,801.44 will returned to the original funding source.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

N/A – will be determined at time of construction award.

**ENVIRONMENTAL CONSIDERATIONS**

Environmental protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction. Design to consider non-invasive local plant material and minimize import/export of soils.



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	108-T-17 Rouge Valley Trail and Pedestrian Bridge Construction from Drakefield Road to Markham Road through the Milne Conservation Park (Phase 3)
Date:	April 4, 2017
Prepared by:	Dereje Tafesse, Senior Capital Works Engineer Ext. 2034 Tony Casale, Sr. Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the contract for the Rouge Valley Trail and Pedestrian Bridge construction from Drakefield Road to Markham Road through the Milne Conservation Park – Phase 3.

**RECOMMENDATION**

Recommended Supplier	Melfer Construction Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 2,030,433.00 <u>\$ 2,921,938.63</u> \$ 4,952,371.63	083-5350-15062-005 Multi-Use Pathways 2015 083-5350-16048-005 Multi-Use Pathways 2016 Total Budget Available
Less Cost of Award	\$ 4,002,188.08 <u>\$ 320,175.05</u> \$ 4,322,363.13  \$ 357,177.23 <u>\$ 259,341.79</u> \$ 4,938,882.11	Construction (Incl. of HST) Contingency @ 8% Total (Incl. of HST)  Capital Admin Fee Internal Construction Administration Fee @ 6% Total Cost of Award
Budget Remaining after this award	\$ 13,489.52	*

\*The remaining budget of \$13,489.52 will be returned to the original funding source.

**BACKGROUND**

Council approved the Cycling Master Plan in 2010, and the Pathways and Trails Master Plan in 2008. Both plans implement the Official Plan policies to encourage pedestrian and cycling movement throughout Markham.

Key aspects of the vision from these 2 plans include:

- Accommodating a wide variety of users;
- Providing a diversity of experiences which allow greater appreciation and enjoyment of the natural, cultural and heritage environment;
- Encouraging residents to walk, run and cycle for fitness, fun and transportation;
- Connecting neighbourhoods to key destinations and providing crossing points of significant physical barriers such as river valleys and highways;
- Protecting the natural features, species and wild life habitats; and
- Providing improved connections to other existing and planned pedestrian and cycling infrastructure

Both plans were developed with comprehensive public consultation. The Pathways and Trails Master Plan identified improved pathway connections to, and within, the Milne Dam Conservation Park as a high priority. From 2010 to 2013 there was an extensive community consultation process (Community Liaison Committee, Milne Working Group, stakeholders and the public) to determine the pathway alignment and design specifications of the multi-use path (MUP).

Construction for phase 1 commenced in December 2013 and was substantially completed in August 2014.

**BACKGROUND (Continued)**

The Phase 2 construction work from Tuclor Lane to 14<sup>th</sup> Avenue was substantially completed in August 2016. Part 1 of the Phase 3 construction work in Toogood Pond area has commenced and construction is scheduled to be completed in August 2016, weather permitting. This tender is for part II of the Phase 3 Rouge Valley Trail work within the Milne Conservation Park and includes the following; construction of a 1.0 km multi-use trail, two pedestrian bridges and a 142m long suspension bridge over the Milne Dam area, 50m boardwalks, 3 entry features, landscaping, and signage.

The project is expected to commence in May 2016 and be substantially completed by August 2018.

**BID INFORMATION**

Advertised	ETN
Bid closed on	March 21, 2017
Number picking up document	26
Number responding to bid	13

**PRICE SUMMARY**

<b>Suppliers</b>	<b>Bid Price (Inclusive of HST)</b>
<b>Melfer Construction Inc.</b>	<b>\$ 4,002,188.08</b>
Four Seasons Site Development Ltd.	\$ 4,070,043.84
Hawkins Contracting Services Limited	\$ 4,074,107.08
Gateman-Milloy Inc.	\$ 4,300,611.22
2220742 Ontario Ltd o/a Bronte Construction	\$ 4,319,294.78
Pine Valley Corporation	\$ 4,454,696.84
Varcon Construction Corporation	\$ 4,772,134.92
Toronto Zenith Contracting Limited	\$ 5,182,880.62
Alliance Verdi Civil Inc.	\$ 5,448,081.32
Canada Construction Limited	\$ 5,503,376.18
Facca Incorporated	\$ 5,641,335.26
McPherson-Andrews Contracting Limited	\$ 6,103,842.10
Marbridge Construction Ltd.	\$ 8,366,274.72

**OPERATING BUDGET AND LIFECYCLE IMPACT**

The design consultant has estimated the future maintenance, repair and replacement of the expanded pathway system will be approx. \$28,000 per year. The final maintenance and lifecycle costs will be presented as part of a report to DSC in Q4 2017.

The design consultant has prepared a lifecycle operation and maintenance cost analysis to determine the rehabilitation and replacement value. The new pathway system includes pedestrian bridges, lime stone screenings and asphalt pathway (i.e. at a location where steep grade is encountered, to minimize and avoid erosion of the pathway material), boardwalks, etc. will be added to the Lifecycle Reserve Study.

The new pathway system will be added to the Lifecycle Reserve Study for \$4.3M. The construction includes for a pedestrian bridge, boardwalk, retaining wall, limestone and asphalt pathway, entry features and other items. Each item has various life-spans. Staff will update the Lifecycle Reserve Study at the next update to incorporate the various components of the pathway system.

**ENVIRONMENTAL CONSIDERATIONS**

Considerable attention has been given during the design stage of the MUP to make sure that no environmental impacts to native habitat and aquatic animals. The Toronto Region and Conservation Authority has been consulted during the design process and their comments and suggestions have been incorporated.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account#</b>	<b>Total Approved Budget</b>	<b>Budget Available for this Award</b>	<b>Less Cost of the Award</b>	<b>Budget Remaining</b>
Multi-Use Pathways 2015 - Phase 2 of 4	83-5350-15062-005	\$3,794,050.00	\$2,030,433.00	\$2,030,433.00	\$0.00
Multi-Use Pathways 2016 - Phase 3 of 4	83-5350-16048-005	\$3,798,006.00	\$2,921,938.63	\$2,908,449.11	\$13,489.52
	<b>Total</b>	<b>\$7,592,056.00</b>	<b>\$4,952,371.63</b>	<b>\$4,938,882.11</b>	<b>\$13,489.52</b>

\*The remaining budget of \$13,489.52 will be returned to the original funding source.



**STAFF AWARD REPORT**

To:	Jim Baird, Commissioner, Development Services
Re:	129-T-17 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	April 26, 2017
Prepared by:	Kay Man Poon, Manager, Municipal Inspections, Ext. 2897 Tony Casale, Senior Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the contract for water, sanitary and storm sewer connections at various locations.

**RECOMMENDATION**

Recommended Supplier (s)	Efcon Inc (Lowest Priced Supplier - 8 locations) FDM Contracting Co. Ltd. (Lowest Priced Supplier - 1 location) V.M. DiMonte Construction Limited (Lowest Priced Supplier – 1 location)	
Less Cost of Award	\$ 154,750.00 <u>\$ 20,117.50</u> \$ 174,867.50	Cost of award (Excl. of HST )* HST (13%) ** Total Cost of Award

\* Service connections are fully recoverable from homeowners and work does not commence until payment has been received by the City. The issuance of a purchase order is contingent upon receipt of payment from homeowners.

**BACKGROUND**

Upon receipt of applications from City of Markham property owners, engineering staff obtain pricing from qualified companies for the installation of water, storm and/or sanitary service connections to service residential lots. The locations identified in this Request for Tender are as follows;

- Location 1: 19 Summerfeldt Cres (Storm/Sanitary/Water)
- Location 2: 58 Fred Varley Drive (Storm/Sanitary/Water)
- Location 3: 98 Fred Varley Drive (Storm/Sanitary/Water)
- Location 4: 112 Woodward Avenue (Storm/Sanitary/Water)
- Location 5: 12 Station Lane (Storm/Sanitary/Water)
- Location 6: 36 Pomander Road (Storm/Sanitary/Water)
- Location 7: 16 Lincoln Green (Storm/Sanitary/Water)
- Location 8: 62 Cachet Parkway (Water)
- Location 9: 11 Pomander Road (Storm/Sanitary/Water)
- Location 10: 10 Reesorville Road (Storm/Sanitary/Water)

**BID INFORMATION**

Advertised	ETN
Bids closed on	April 12, 2017
Number picking up bid documents	11
Number responding to bid	5

**PRICE SUMMARY (Exclusive of HST)**

<b>Locations</b>	<b>Efcon Inc.</b>	<b>FDM Contracting Co. Ltd.</b>	<b>V.M./DiMonte Construction Limited</b>	<b>Dig-Con International Limited</b>	<b>BryRon Contracting Limited</b>
19 Summerfeldt Cres	<b>\$ 15,850.00</b>	\$ 18,250.00	\$ 28,300.00	\$ 60,700.00	\$ 56,515.00
58 Fred Varley Dr	<b>\$ 22,850.00</b>	\$ 30,000.00	\$ 45,900.00	\$ 78,000.00	\$ 82,182.00
98 Fred Varley Dr	\$ 23,050.00	<b>\$ 18,250.00</b>	\$ 45,900.00	\$ 71,700.00	\$ 80,050.00
112 Woodward Ave	<b>\$ 16,500.00</b>	\$ 17,500.00	\$ 28,000.00	\$ 53,600.00	\$ 56,515.00
12 Station Lane	<b>\$ 18,150.00</b>	\$ 23,500.00	\$ 34,900.00	\$ 59,500.00	\$ 83,020.00
36 Pomander Rd	<b>\$ 14,250.00</b>	\$ 17,500.00	\$ 24,500.00	\$ 63,000.00	\$ 54,735.00
16 Lincoln Green Dr	<b>\$ 14,550.00</b>	\$ 21,000.00	\$ 33,400.00	\$ 63,800.00	\$ 53,650.00
62 Cachet Parkway	\$ 7,000.00	\$ 6,000.00	<b>\$ 3,500.00</b>	\$ 27,700.00	\$ 20,950.00
11 Pomander Rd	<b>\$ 14,500.00</b>	\$ 18,000.00	\$ 26,700.00	\$ 64,000.00	\$ 60,850.00
10 Reesorville Rd	<b>\$ 16,350.00</b>	\$ 23,000.00	\$ 33,000.00	\$ 69,900.00	\$ 68,595.00

\* Service connections are fully recoverable from homeowners and work does not commence until payment has been received by the City. The issuance of a purchase order is contingent upon receipt of payment from homeowners.

**OPERATING BUDGET AND LIFECYCLE IMPACT**

N/A

**ENVIRONMENTAL CONSIDERATIONS**

N/A