



Report to: General Committee

Report Date: September 6, 2016

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**SUBJECT:** Staff Awarded Contracts for the Months of June, July and August 2016  
**PREPARED BY:** Alex Moore, Ext. 4711

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**RECOMMENDATION:**

1. THAT the report entitled “Staff Awarded Contracts during the months of June, July and August 2016” 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 June, July, August 2016 as per Purchasing By-law 2004-341.

**BACKGROUND:**

Council at its meeting of May 26<sup>th</sup>, 2009 amended By-Law 2004-341, A By-Law Establishing Procurement, Service and Disposal Regulations and Policies. 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.

**Chief Administrative Office**

Award Details	Description
Non-Competitive Supplier	<ul style="list-style-type: none"><li>• 073-S-16 Consultant Services for Human Resource Information System (HRIS) Conversion and Implementation</li></ul>

## Community & Fire Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 005-Q-16 Window Replacements at Thornhill Village Library</li> <li>• 082-T-16 Security Guard Services for Various City Locations</li> <li>• 096-T-16 Security Gate Installation at Various Operations Facilities</li> <li>• 103-T-16 Office Renovation at Markham Civic Centre</li> <li>• 106-T-16 Guiderail-Install/Repair/Upgrade</li> <li>• 107-T-16 Storm Sewers Cleaning and Inspection</li> <li>• 108-T-16 Parks Name &amp; Address Signage</li> <li>• 126-T-16 Sanitary Trunk Sewers &amp; Manholes Inspection</li> <li>• 128-T-16 Structural Door &amp; Window Repairs and Exterior Painting at various buildings at Markham Museum</li> <li>• 147-T-16 Angus Glen Pool &amp; Clatworthy Arena HVAC Replacement</li> <li>• 150-T-16 Rehabilitation of Storm Sewers (2016) – Trenchless and Open Cut Repairs</li> <li>• 161-T-16 Pedestrian Accessibility Improvements</li> <li>• 165-Q-16 Traffic Equipment Replacement</li> <li>• 170-Q-16 Haul and Disposal of Soils</li> <li>• 189-Q-16 Citywide Pest Control Services</li> <li>• 193-T-16 Sediment Removal at Two Stormwater Management Ponds (ID #7 &amp; #59)</li> <li>• 199-Q-16 Supply and Install Shade Structures</li> </ul>
Highest Ranked / Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 241-R-15 Consulting Engineering Services for 2016 Structures Rehabilitation Works - Detail Design (Stage 2) - Culverts &amp; Pedestrian Bridges &amp; Monitoring of Retaining Wall (Additional to Stage 1)</li> <li>• 180-Q-16 Contract Administration and Construction Inspection for Rehabilitation of Storm Sewers 2016 (Trenchless and Open Cut Repairs)</li> </ul>
Highest Ranked / Second Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 064-R-16 - Engineering Consulting Services for Building Envelope and Structural Review of Various Buildings</li> <li>• 167-T-16 Construction of Infrastructure for the Mount Joy Artificial Air Support Structure</li> </ul>
Non-Competitive Supplier	<ul style="list-style-type: none"> <li>• 235-Q-13 Retro-reflectivity Inspection of Regulatory Signs - Contract Extension</li> <li>• 153-S-16 Replace Library Shelving and Lighting at Unionville Branch</li> <li>• 156-S-16 Markham Public Library Material &amp; Processing Services for Chinese Materials</li> <li>• 164-S-16 Emergency Structural Repairs to Protect an “at risk” Sanitary Manhole off Bronte Road</li> <li>• 215-S-16 Winch Pipe System Safety Upgrades for Flato Markham Theatre (Winch Motors)</li> </ul>

## Corporate Services

Award Details	Description
Non-Competitive Supplier	<ul style="list-style-type: none"> <li>• 163-S-14 National Brand Food and Beverage Franchise Service for Cornell CC&amp;L and Pan Am Centre</li> <li>• 206-S-1614 AMANDA Public Portal II and ProjectDox Integration Services</li> </ul>

**Development Services**

<b>Award Details</b>	<b>Description</b>
Lowest Priced Supplier	<ul style="list-style-type: none"><li>• 295- T-15 Russell Dawson Park – Construction</li><li>• 078- T-16 Vinegar Hill Parkette – Construction</li><li>• 129-T-16 Main Street Milliken NW Parkette - Construction</li><li>• 139-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations</li><li>• 140-T-16 Construction of the Verdale Crossing Bridge (Part A Construction)</li><li>• 166-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations</li><li>• 174- T-16 Cornell Madison Rouge Blvd. Park South - Construction</li><li>• 191-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations</li><li>• 216-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations</li></ul>
Highest Ranked / Third Lowest Priced Supplier	<ul style="list-style-type: none"><li>• 121-Q-16 Detailed Design and Construction Administration Services for Erosion Restoration at Rouge River and Robinson Creek</li></ul>
Non-Competitive Supplier	<ul style="list-style-type: none"><li>• 183-S-16 Buttonville Redevelopment – OMB Mediation and Hearing</li></ul>

**X**

Joel Lustig  
Treasurer

**X**

Trinela Cane  
Commissioner, Corporate Services

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	073-S-16 Consultant Services for Human Resource Information System (HRIS) Conversion and Implementation
Date:	July 21, 2016
Prepared by:	Mona Nazif, Senior Manager, Human Resources Ext. 2484 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

**PURPOSE**

To obtain approval to award a replacement contract for external consulting services for the HRIS conversion and implementation project.

**RECOMMENDATION**

Recommended Supplier	Bagg Inc. (Non Competitive Procurement)	
Original cost of award	\$ 174,010.00 (\$ 43,347.72) \$ 130,662.28	840-839-3040 (A/P Contract Employee incl of HST)* Less paid to date to Cynthia Reale Consulting Inc. Remaining balance
Cost of award to Bagg Inc.	\$ 116,006.40	(32 weeks x 37.5hrs/week x \$96.67/hour)* (Incl of HST)
Remaining balance	\$ 14,655.88	**

\* Covers consulting services up to the end of February 2017.

\*\*The remaining balance will be utilized for other project related consulting services.

**Staff further recommends:**

THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 (1) (h) "When it is in the best interests of the City to acquire Consulting and Professional Services from a preferred supplier";

**BACKGROUND**

The City of Markham is in the midst of the HRIS conversion and implementation project. The original consultant (Cynthia Reale Consulting Inc.) awarded in March 2016 is no longer able to provide consulting services on a regular basis as a result of unexpected adverse personal circumstances. As such, it is recommended that the City move forward with a new consultant through Bagg Inc. at the same hourly rates and within the same timelines.

**OPTIONS/DISCUSSIONS**

With the original contract award requirements and timelines unchanged, the City's need for a dedicated Project Manager remains unaltered; therefore, the City undertook a detailed process to replace the originally awarded Project Manager with someone who has the following:

- HRIS implementation experience (with ADP experience considered a strong asset)
- Project management experience
- Technical payroll experience
- Familiarity with the requirements of the municipal sector

Reporting to the City's Project Lead, the role of the Project Manager involves the following responsibilities:

- to ensure the City's business processes are aligned with the new system;
- project leadership and management to ensure that the project delivery is on time, on budget and with the expected quality to meet the City's business needs;
- internal change management;
- partner in training and communication plans and delivery;
- to oversee and to co-ordinate implementation activities;
- regularly liaise with ADP to ensure the City's needs are being met.

The City conducted a comprehensive search to replace the original consultant that entailed various research, industry analysis and numerous interviews. Subsequently, Staff recommend awarding the replacement contract for external consulting services for the HRIS conversion and implementation project to Bagg Inc.

**OPTIONS/DISCUSSIONS (Continued)**

Bagg Inc. have provided a dedicated and experienced external consultant to assume the role of Project Manager who has more than 25 (twenty-five) years of experience planning and leading HRIS project and operations teams, detailed payroll systems knowledge, experience implanting ADP HRIS systems, and project management experience. In addition, the selected consultant has solid knowledge of the City's new ADP HRIS platform- Workforce Now- and its roll out methodology.

The identified consultant meets the City's skill and knowledge requirements and is very familiar with the methodology and product of the HRIS vendor. The replacement of the consultant on a timely basis will allow for the smooth transition of the project as well as continued timely project implementation.

**ENVIRONMENTAL CONSIDERATIONS**

Not Applicable



### STAFF AWARD REPORT

To:	Phoebe Fu, Director, Asset Management
Re:	005-Q-16 Window Replacements at Thornhill Village Library
Date:	June 21, 2016
Prepared by:	Jason Vasilaki, Project Manager, Ext. 2845 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for window replacements at Thornhill Village Library. Excludes heritage window restoration in 2016 that are covered under a separate contract.

### RECOMMENDATION

Recommended Supplier	Forest Windows and Doors Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 71,759.00	750-101-5399-16194 Library Facilities Improvements
Less cost of award	\$ 61,056.00	Inclusive of HST impact
	\$ 6,105.60	Contingency @ 10%
	\$ 67,161.60	Total
Budget Remaining after this award	\$ 4,597.40	*

\*Remaining budget of \$4,597.40 to be returned to the original funding source.

### BACKGROUND

Project includes the removal of non-heritage windows that are at the end of their life and the supply and installation of new windows in their place, throughout Thornhill Village Library.

The Work will begin immediately upon award of contract and is scheduled to be completed by September 15, 2016.

### BID INFORMATION

Advertised	ETN
Bid closed on	June 15, 2016
Number picking up document	29
Number responding to bid	5

### PRICE SUMMARY (including HST)

Suppliers	Total Bid Price (inclusive of HST impact)
<b>Forest Windows and Doors Inc.</b>	<b>\$ 61,056.00</b>
Platinum Glass and Curtain Wall Ltd.	\$ 66,174.53
Dontex Construction Ltd.	\$ 67,830.16
R-Chad General Contracting Inc.	\$ 78,151.68
Radiant Building Solutions Inc.	\$ 87,295.83

### ENVIRONMENTAL CONSIDERATIONS

Contract includes provisions to minimize dust during construction, thereby maintaining indoor air quality to the occupants. New window specifications require sealed insulated glass units that perform to various industry standards, thereby maintaining energy efficiency of the building envelope against heat loss.



## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	082-T-16 Security Guard Services for Various City Locations
Date:	April 25, 2016
Prepared by:	Amaris Liu, Facility Asset Coordinator, Ext. 3526 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for security guard services for various city locations for ONE (1) year with an option to renew for up to TWO (2) additional ONE (1) year renewal terms on the same terms, conditions and itemized pricing, and subject to the contractor's performance and budget approval.

### RECOMMENDATION

Recommended Supplier	Neptune Security Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 155,951.00	750-751-5312 Civic Ctr – Svce. Agreement - Security
Less cost of award	\$ 152,785.22	2016 Inclusive of HST (June 3 to December 31, 2016)
	\$ 261,917.52	2017 Inclusive of HST *
	\$ 261,917.52	2018 Inclusive of HST *
	\$ 109,132.30	2019 Inclusive of HST (January 1 to June 2, 2019) *
	\$ 785,752.56	Total Award Inclusive of HST
Budget Remaining after this award	\$ 3,165.78	**

\*Year 2017, 2018 and 2019 Operating budgets are subject to Council approval

\*\*Budget surplus of \$3,165.78 will be reported as part of the overall Operating results.

### BACKGROUND

This contract is for site security guard services for the Anthony Roman Centre, 8100 Warden Ave and other City locations for special events. The security guard service will secure the premises to ensure protection of people, property, and information and associated equipment therein. They will monitor the admittance of employees and visitors onsite, act as a visible deterrent for persons desiring to obtain unauthorized access to the sites and report and alert management of any real or perceived security violations, safety infractions, threats or hazardous situations.

#### Scope of work by location:

1. Anthony Roman Centre: Year-round 24/7 security guard coverage including routine patrol, closed circuit television monitoring, alarm response and extra coverage when required.
  - 3 security guards from 8am-4pm, plus a part-time guard for patrol of vulnerable areas,
  - 2 security guards from 4pm-10pm, and
  - 1 guard thereafter until 8am the next morning.
2. 8100 Warden Ave - Nightly patrols only.
3. All other City locations – billed by hour for special events.

The successful bidder, Neptune Security Services Inc. (Neptune) has been the City's contractor for this service since June 2013 (022-T-13) with satisfactory performance. Neptune Security Services has been in business for 16 years and offers a full range of security and investigative services. Their services are enhanced by their Quality Management System (QMS), Canadian Governing Standard Board (CGSB) Phase I and Phase II certification, The Canadian Air Transport Security Authority (CATSA) certification and ISO 9001:2008 Compliance.

**BID INFORMATION**

Advertised	ETN
Bid closed on	April 19, 2016
Number picking up document	21
Number responding to bid	9

**PRICE SUMMARY**

Suppliers	Bid Price (with Tax Impact)
<b>Neptune Security Services</b>	<b>\$ 261,917.52</b>
A.S.P. Incorporated	\$ 294,514.36
8287040 Canada Inc. O/A Shield Security Corp.	\$ 302,582.64
1930272 Ontario Inc. O/A EPS Group	\$ 309,613.02
Primary Response Inc.	\$ 310,607.87
Garda Canada Security Corporation	\$ 316,903.83
Cityguard Security Ltd.	\$ 329,297.07
Nexus Protective Services	\$ 349,528.11
Iron Horse Corporation	\$ 368,139.85

Compared to the current 2015-2016 contract year, this contract represents an annual decrease of \$5,426.48 or 2%. This decrease represents the net financial impact of a reduction in work hours of one patrol guard position to better suit the needs of the City and an increase in labour rate of 1-3% for various guard positions.



**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	096-T-16 Security Gate Installation at Various Operations Facilities
Date:	July 13, 2016
Prepared by:	Khwaja M. Waker, Building Condition Auditor, Ext. 2636 Flora Chan, Senior Buyer, Ext. 3189

**PURPOSE**

To obtain approval to award the contract for the replacement of security gates at various Operations facilities.

**RECOMMENDATION**

Recommended Supplier	Wallace & Wallace Fence Ltd. (Lowest Priced Supplier)	
Current Budget Available	\$ 40,000.00	Corporate Security Operations & System Upgrades (750-101-5399-15255)
	\$ 236,495.00	Corporate Security Operations & System Upgrades (750-101-5399-16192)
	\$ 276,495.00	Budget allocated for this award
Less cost of award	\$ 286,515.65	Cost of Award (Inclusive of HST)
	\$ 28,651.56	10% Contingency
	\$ 315,167.21	Total Award Inclusive of HST
Budget Remaining after this award	\$ (38,672.21)	*

\*The budget shortfall of (\$38,672.21) will be funded from the Non-DC Capital Contingency.

**BACKGROUND**

The City under its Corporate Security Program, engaged an external consultant (IGuard Consulting Inc.), to audit five Operations facilities (Miller Avenue works yard, 14<sup>th</sup> Avenue parks shop, Milne parks shop, John Street parks shop and Princess Street shop) in 2015 to maintain City's assets and enhance security at these facilities.

Based on the consultant's recommendations, staff developed a work plan to upgrade the gates with access control system at four locations and received budget approval in 2016 (Corporate Security Program) at the following locations:

1. Miller Avenue works yard (2 gates)
2. 14<sup>th</sup> Avenue parks shop (2 gates)
3. Milne parks shop (1 gate)
4. John Street parks shop (2 gates)

Project schedule: All works planned for 2016 to be completed by December 30, 2016.

**BID INFORMATION**

Advertised	ETN
Bid closed on	May 11, 2016
Number picking up document	5
Number responding to bid	2*

\*Purchasing made five (5) follow-up calls to bidders who were invited or picked up bid document or attended site meeting but did not bid: one (1) bidder does not work with the specified manufacturer and cannot offer an equivalent, three (3) bidders had resource constraints due to committed work and one (1) did not respond.

**PRICE SUMMARY (Inclusive of HST)**

Suppliers	Bid Opening Price	Revised Price
Wallace & Wallace Fence Ltd.	\$ 295,515.03	\$286,515.65
Dontex Construction Ltd.	\$ 369,424.52	\$369,424.52

**OPTIONS/DISCUSSION**

Upon review of the market condition and bid responses, staff recommends to proceed to award as there are only a few competent contractors in the marketplace who can meet the specifications and requirements set out by the City. By going out to market again, there is no assurance that the City will see lower pricing and higher bid responses.

Wallace & Wallace Fence Ltd. original bid price for this contract was \$ 295,158.03 (excluding contingency), higher than the budget allocation for this award of \$236,495.00. As allowed under the City's General Terms and Conditions of the contract, the City has the right to negotiate with the lowest priced bidder in the event that the Bid Prices submitted by the Bidders exceed the City's budget. Due to this budget shortfall, Staff entered into negotiations with Wallace & Wallace Fence Ltd. and sub-contractors to seek options to reduce the price, in order to better meet the City's approved budget. Staff were able to reduce the price by \$ \$9,506.62 from \$295,158.03 to \$286,515.65 through material price negotiation and substitution of directional boring with wireless devices to establish communication where possible.

The budget shortfall was due to a combination of the following two factors: (1) underestimated scope of work by the consultant which could not be reasonably foreseen during audit phase such as the amount of trenching required, electrical requirements of powering the gates and data communications, and (2) significant drop in value of the Canadian dollar (which resulted in increased cost of materials manufactured overseas).

Staff considered deferring part of the scope in future years; however does not recommend it as (1) it may result in increased cost, and (2) the deferred sites will remain exposed to the risk of security breaches for longer period of time.

**ENVIRONMENTAL CONSIDERATIONS**

No environmental aspects exist for this project.



## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	103-T-16 Office Renovation at Markham Civic Centre
Date:	June 22, 2016
Prepared by:	Imran Hyat, Space & Accommodations Planner, Ext. 2568 Max Stanford, Project Manager, Ext. 2710 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for office renovation at Markham Civic Centre.

### RECOMMENDATION

Recommended Supplier	United Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 181,000.00	Corporate Accommodations (750-101-5399-14242)
Less cost of award	\$ 157,796.18	Cost of Award
	\$ 5,596.80	Provisional Item 1*
	\$ 610.56	Provisional Item 2**
	\$ 16,400.35	10% Contingency
	\$ 180,403.89	Total Award (with HST impact)
Budget Remaining after this award	\$ 596.11	***

\* Provisional item 1 is for foam insulation for the interior face of exterior wall to improve temperature control.

\*\* Provisional item 2 is for the installation of a TV instead of a projector.

\*\*\* Remaining budget of \$596.11 will be returned to original funding source.

### BACKGROUND

The City of Markham is renovating the space which was previously occupied by the daycare centre to accommodate the Asset Management Department; which is currently located at 8100 Warden Ave. The project involves renovations to walls, flooring, ceilings, flooring, IT cabling, electrical work and minor HVAC modifications.

The project is scheduled to be completed by the end of September 2016.

### BID INFORMATION

Advertised	ETN
Bid closed on	June 9, 2016
Number picking up document	32
Number responding to bid	16*

\*One bid was disqualified due non-compliance to mandatory requirement. Bid submitted without mandatory Bid Bond and Agreement to Bond.

### PRICE SUMMARY (with HST Impact)

Suppliers	Total Bid Price
<b>United Contracting Inc.</b>	<b>\$ 157,796.18</b>
R-Chad General Contracting Inc.	\$ 167,593.63
MM Dynamic Construction	\$ 185,077.32
ONIT Construction Inc	\$ 189,420.13
Massive Devcon Corp.	\$ 189,472.03
2325657 Ontario Ltd Samson Management	\$ 193,923.98
Martinway Contracting Ltd	\$ 202,608.23
Anacond Contracting Inc	\$ 205,244.83
Quad Pro Construction Inc	\$ 206,572.80
Morosons Construction Limited	\$ 209,315.23
Tradeworks Interiors Canada Corp	\$ 214,827.57

**PRICE SUMMARY (with HST Impact) .. Continued**

<b>Suppliers</b>	<b>Total Bid Price</b>
ZGemi Inc	\$ 216,002.39
MJ.K. Construction Inc	\$ 219,795.49
Stracor Inc	\$ 232,757.68
Portfolio Contracting Inc.	\$ 241,953.26

Note: Staff met with United Contracting Inc. upon bid evaluation to review the project scope, expectations and timelines in detail. United Contracting Inc. demonstrated good understanding and is experienced with similar work for other public organizations. Staff is confident of their capability to successfully complete this project.

**ENVIRONMENTAL CONSIDERATIONS**

New LED lighting will be installed for energy saving purposes. The flooring is done with carpet tiles that contain 70% recyclable material.



### STAFF AWARD REPORT

To:	Brenda Librecz, Commission, Community & Fire Services
Re:	106-T-16 Guiderail-Install/Repair/Upgrade
Date:	September 9, 2016
Prepared by:	John Hoover, Supervisor, Contract Administration, Ext. 4808 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the upgraded guiderail installations at various locations.

### RECOMMENDATION

Recommended Supplier	Peninsula Construction Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 161,000.00	050-6150-16154-005 Install/Repair/Upgrade Guiderail
Less cost of award	\$ 120,417.70	Total Cost of Award Inclusive of HST
Budget Remaining after this award	\$ 40,582.30	

\*Balance remaining in the amount of \$40,582.30 will be returned to original funding source.

### BACKGROUND

The City of Markham released a tender to market for the removal of existing guiderails and replacing it with Ontario Provincial Standard Specifications (OPSS) approved guiderails at the following locations:

#### REMOVE AND REPLACE LOCATIONS

1. Henderson North, east side
2. John Street W/O Pomona Tennis Club, North and South Sides
3. John Street W/O Leslie, North and South Sides
4. Bullock Drive E/O Jug Lane

#### REPAIR LOCATIONS

- Site 1 19<sup>TH</sup> W/O Dickson Hill Road  
Site 2 5523 19<sup>th</sup> Avenue  
Site 3 5279 19<sup>th</sup> Avenue  
Site 3 Reesor Rd North of 19<sup>th</sup> East Side  
Site 4 S/O 9529 Reesor Road, 3 Locations

This award includes both guiderails due for replacement to meet OPS standards as well as additional locations that were damaged by vehicles and require immediate repair.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 7, 2016
Number picking up document	5
Number responding to bid	2

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
Peninsula Construction Inc.	\$120,417.70
Powell (Richmond Hill) Contracting Ltd.	\$124,060.70

### ENVIRONMENTAL CONSIDERATIONS

The contract includes the disposal of the existing steel guiderails in the bid price. All steel guiderails are recycled at scrap companies and the wood posts are recycled at local lumber companies for sawmill reuse (eg. Retaining walls).



### STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	107-T-16 Storm Sewers Cleaning and Inspection
Date:	August 16, 2016
Prepared by:	Robert Marinzal, Roads Technical Coordinator, Ext. 2842 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for storm sewer cleaning and inspection.

### RECOMMENDATION

Recommended Supplier	Infrastructure Intelligence Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 103,300.00	700 101 5399 16160 Storm Sewer Cleaning and Inspection
Less cost of award	\$ 116,600.00	2016 Inclusive of HST
	\$ 116,600.00	2017 Inclusive of HST
	\$ 116,600.00	2018 Inclusive of HST
	\$ 349,800.00	Total Cost of Award (Incl. of HST)
Budget Remaining after this award	(\$ 13,300.00)	*

\*The shortfall to be funded from the Non-DC capital contingency account.

### BACKGROUND

CCTV inspection program collects data on the condition of the storm sewer mains for operations and maintenance purposes. Through this contract, 60 to 70km will be inspected out of the total inventory of 915km of underground storm sewer pipe network. The inspection data is used to update sewer condition ratings and to identify system defects requiring repair. The sewer flushing component assists in ensuring full accessibility to the system for inspection purposes. Regular CCTV inspection provides information to reduce risks and liabilities associated with sewer failures and backups.

### BID INFORMATION

Advertised	ETN
Bid closed on	August 9, 2016
Number picking up document	14
Number responding to bid	9

### PRICE SUMMARY

Suppliers	Bid Price (Inclusive of HST)
<b>Infrastructure Intelligence Services Inc.</b>	<b>\$116,600.00</b>
Dambro Environmental Inc.	\$125,304.50
Sewer Technologies Inc.	\$142,713.53
Braywood Services Inc.	\$151,337.07
Onsite Sewer Services, 2414002 Ontario Limited	\$155,264.22
T2 Utility Engineers Inc.	\$166,397.90
Nieltech Services Ltd.	\$204,657.27
Pipetek Infrastructure Services	\$241,702.06
Capital Sewer Services Inc.	\$271,661.78

This contract represents an increase of 30% as compared to pricing to the 2012 – 2015 contract. The City has tendered this contract in 2009 and 2012, in 2012 the contractual price was 28% lower than the 2009 pricing. The new 2016 pricing is comparable to the 2009 pricing, staff believe the supplier who won the 2012 contract was aggressively seeking municipal experience.

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	108-T-16 Parks Name & Address Signage
Date:	August 24, 2016
Prepared by:	David Plant, Manager Parks Operation, Ext. 4893 Patti Malone, Senior Buyer, Ext. 2239

**PURPOSE**

To obtain approval to award the contract for parks name and address signage.

**RECOMMENDATION**

Recommended Supplier	Maximum Signs (Lowest Priced Supplier)	
Current Budget Available	\$ 178,715.00	See financial section below
Less cost of award	\$ 173,509.71	2016 Inclusive of HST
	\$ 5,205.29	3% Contingency Inclusive of HST
	\$ 178,715.00	2016 Award
	\$ 173,509.71	2017 Inclusive of HST
	\$ 5,205.29	3% Contingency Inclusive of HST
	\$ 178,715.00	2017 Award
	\$ 153,638.83	2018 Inclusive of HST
	\$ 4,609.17	3% Contingency Inclusive of HST
	\$ 158,248.00	2018 Award
	\$ 515,678.00	Total Cost of Award
Budget Remaining after this award	\$ 0	

The Council Report for New Park Signage System and Implementation Strategy had estimated the 2016 available budget of \$178,715 would install 149 signs at \$1,200 each. Based on this contract's unit price of \$1,257.75 (including 3% contingency) per sign, the current budget will install 141 signs. Since the number of signs may be amended as the signage installation program is further refined over the next 3 years, staff will monitor and adjust future budget request if necessary.

**BACKGROUND**

At the direction of Council on June 14, 2016 through the New Parks Signage System and Implementation Strategy report, City staff will be installing new signs or replacing old park signs at all existing parks with standardized signage over a 3 year time frame. The approved standard park sign (alupanel with approved logos and fonts) will be mounted in an extruded aluminum post 3.25" x 3.25" with no external fasteners. Staff will work with Heritage Markham on the heritage symbol to be added to signs within the Heritage Districts.

**BID INFORMATION**

Advertised	ETN
Bid closed on	August 16, 2016
Number picking up document	11
Number responding to bid	3

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Maximum Signs</b>	<b>\$146,534.40</b>
Alpha Omega Signs Inc.	\$151,538.55
Spectra Advertising	\$214,917.12

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account #</b>	<b>Budget Amount</b>	<b>Committed</b>	<b>Budget Available</b>	<b>Cost of Award</b>	<b>Budget Remaining</b>
Project 5289 - Park Signage - Design & Implementation	81-5350-5289-005	13,387.00	-	13,387.00	13,387.00	-
Project 15226 - Parks Name & Bylaw Signage	059-5350-15226-005	66,000.00	-	66,000.00	66,000.00	-
Project 16037 - Parks Implementation Program	81-5350-16037-005	113,800.00	14,472.00	99,328.00	99,328.00	-
<b>Totals:</b>		<b>193,187.00</b>	<b>14,472.00</b>	<b>178,715.00</b>	<b>178,715.00</b>	<b>-</b>

Based on this award cost and the preliminary estimate in terms of the number of signs required for replacement/installation, it is expected the total cost of the project will be \$599,178.00. See below for a breakdown:

410 small 28" x 48" signs	\$515,678.00 as per this award
25 large 36" x 60" signs	\$ 36,500.00 Estimated
<u>Internal Project Management</u>	<u>\$ 47,000.00</u>
Updated Project Cost	\$599,178.00

The Council Report presented in June 2016 estimated a total cost of \$579,700, spread out over 3 years (\$193,187 in 2016, \$193,200 in 2017 and \$193,313 in 2018). As such, based on these updated costs, there is a potential shortfall of \$19,478 (\$579,700 - \$599,178.00) compared to Council Report project estimates. The cost increase is due to a change in the specification of the sign post and sign mounting method based on feedback from Council to have a clean fastener free sign and post which is what was included in the tender. Additionally, the suppliers advised that the post detail should be revised to include 2 additional feet in length per post as part of the footing detail which was revised as an addendum to the tender. Since the number of signs may be amended as the signage installation program is further refined, staff will monitor and adjust the 2018 budget request if necessary.





## STAFF AWARD REPORT

Page 1 of 2

To:	Peter Loukes, Director, Environmental Services
Re:	126-T-16 Sanitary Trunk Sewers & Manholes Inspection - 2016
Date:	July 6, 2016
Prepared by:	David Huynh, Senior Infrastructure Project Engineer Ext. 2400 Tony Casale, Sr. Construction Buyer, Ext. 3190

### PURPOSE

To obtain approval to award the contract for sanitary trunk sewer & manhole inspections.

### RECOMMENDATION

Recommended Supplier	Infratech Sewer & Water Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 108,000.00	760 101 5399 16239 Sanitary Trunk Sewer and Manhole Insp.
Less cost of award	\$ 69,018.72	(Incl. of HST)
	\$ 6,901.87	Contingency (10%)
	\$ 75,920.59	Total Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 32,079.41	*

\*The remaining budget will be returned to the original funding source.

### BACKGROUND

A 5-year cycle program of trunk sanitary sewer and manhole inspection has been budgeted and implemented by Waterworks. The inspection provides a quick snapshot of the sanitary trunk sewer and manhole internal conditions and determines the need for further detailed inspection. Based on severity of the found defects and pipe condition assessment, immediate repairs or rehabilitation can be taken or planned. Proactive inspection, maintenance and rehabilitation are necessary to reduce risks and liabilities associated with sanitary infrastructure failure and sewerage backups.

Truck mounted Closed Circuit Television (CCTV) inspection equipment is not suitable for sanitary trunk sewer manhole inspections, as most of the manholes are located in difficult and inaccessible areas. Portable and recordable zoom camera equipment is utilized for this type of inspection. The portable pole mounted zoom camera can be slowly lowered down to the manhole bottom while rotating 360 degree to inspect the trunk manhole. At the manhole bottom, the camera zoom lens will look and record the pipe internal conditions, upstream and downstream halfway through the section. This process is then repeated at every access manhole. A report on the findings and conditions of the manhole and sewer lines is then compiled and submitted. In cases where a severe defect is found that could cause a sewer backup, the contractor is required to immediately inform the project manager for the necessary urgent action. The 2016 contract covers inspection of 486 trunk manholes and 36.47 km of sanitary trunk sewers, including manholes and sewer lines that were not able to be located previously.

Locations of the sanitary trunk sewers and manholes to be inspected under this 2016 contract are shown in the attached map. The project is expected to be completed by November 2016.

### BID INFORMATION

Advertised	ETN
Bid closed on	June 23, 2016
Number picking up document	11
Number responding to bid	3

**PRICE SUMMARY**

<b>Suppliers</b>	<b>Bid Price (Inclusive of HST)</b>
<b>Infratech Sewer &amp; Water Services Inc.</b>	<b>\$ 69,018.72</b>
Aqua Data Inc.	\$ 96,259.87
Dambro Environmental Inc.	\$165,015.28

This contract represents an increase of 7.65% as compared to pricing received in 2015. The price increase is attributed to current workload and the size of the contract. In 2015 the City had 766 manholes inspected whereas the 2016 requirement is for 486 manholes. The lowest priced supplier, Infratech Sewer and Water Services Inc. was awarded the contract in 2014 and 2015, and staff confirm that they have the experience, qualifications and zoom-camera equipment to complete the work.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	128-T-16 Structural Door & Window Repairs and Exterior Painting at various buildings at Markham Museum
Date:	July 4, 2016
Prepared by:	Renee Chong, Project Engineer, Ext. 2674 Leanne Lee, Senior Buyer, Ext. 2025

### PURPOSE

To obtain approval to award the contract for repairs to 7 buildings within the Museum grounds. The work involves:

1) repair/replacement of wood windows, 2) repair of wood doors, 3) repair of fascia and soffits and 4) painting of the exterior of the building.

### RECOMMENDATION

Recommended Supplier	Ultimate Construction (Lowest Priced Qualified Supplier)	
Current Budget Available	\$ 63,000.00	510-101-5399-15119 Museum Painting
	\$ 57,050.00	510-101-5399-15116 Museum – Facility Improvements
	\$ 120,050.00	Total
Less cost of award	\$ 170,264.83	(Inclusive of HST)
	\$ 17,026.48	Contingency @ 10%
	\$ 187,291.32	Total (Inclusive of contingency & HST)
Budget Shortfall after this award	(\$ 67,241.32)	*

\*The budget shortfall of (\$67,241.32) for windows and doors will be offset from savings in other components (i.e. roofing, structural repairs and external consulting) in project #15116. Savings in other components are due to reduced scope and cost savings. Remaining work in project #15116 will be completed on budget.

### BACKGROUND

The Baptist Church, Harness Shop, Honey House, Chapman House, Burkholder House, Burkholder Garage and Blacksmith Shop are all in need of exterior painting to the entire building and repairs to windows and doors. The paint on these buildings is currently badly peeling or non-existent leaving the wood bare and exposed to the elements. Due to the age of these heritage buildings, the wooden windows and doors also require repairs and paint. Minor repairs to the fascia and soffits of some buildings will also be done.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 26, 2016
Number picking up document	16
Number responding to bid	4*

\*One bid was disqualified due non-compliance to mandatory requirement. Bid submitted without the appropriate Bid Form

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
Ultimate Construction Inc.	\$ 170,264.83*
Dontex Construction LTD.	\$ 225,931.62
MJK Construction Inc.	\$ 272,920.32
R-Chad General Contracting Inc.	\$ 452,832.00

\*Due to this budget shortfall, Staff entered into negotiations with Ultimate Construction Inc. to seek options to reduce the price, in order to better meet the City's approved budget. Staff were able to reduce the price by \$10,680.00 from \$180,944.83 to \$170,264.83

**DISCUSSION**

This work is scheduled within the lifecycle and is part of the 2015 capital request process. The budget shortfall was due to a combination of the following two factors: (1) underestimated scope of work as the state of the wood windows and doors are worse than anticipated (2) painting costs was higher than anticipated due to existing lead based paint will need to be removed prior to new paint being applied. The budget amount included painting over the existing paint.

Funding for the shortfall will be covered by the surplus funds within project # 15116. The majority of the roofing component funding was surplus due to early replacement (Dec. 2014) of two buildings through corporate contingency as a result of the ice storm. The consulting component was used sparingly, as the Housser House is in such bad shape it may not be worthwhile to invest in further work. In addition, there were modest cost savings to the structural component due to Staff managing construction requirements, rather than hiring a consultant.

Work to commence in July 2016, and to be completed by September 30, 2016

**ENVIRONMENTAL CONSIDERATIONS**

Specifications for the Work include an environmentally friendly, non-toxic paint stripper.



## STAFF AWARD REPORT

Page 1 of 2

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	147-T-16 Angus Glen Pool & Clatworthy Arena HVAC Replacement
Date:	July 13, 2016
Prepared by:	Adriano Trabucco, Facility Supervisor, Ext. 3787 Mario Puopolo, Facility Coordinator, Ext 3788 Leanne Lee, Senior Buyer, Ext. 2025

### PURPOSE

To obtain approval to award the purchase of a new HVAC replacement unit for the Angus Glen Community Centre pool and the Clatworthy Community Centre arena.

### RECOMMENDATION

Recommended Supplier(s)	Mapleridge Mechanical Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 132,085.28 <u>\$ 67,200.00</u> \$199,285.28	500-101-4299-16093 Angus Glen Air Handling Unit #8 500-101-5399-16104 Clatworthy Furnace Replacement
Less Cost of award	\$ 112,770.43 <u>\$ 11,722.04</u> \$ 124,047.48	Cost of Award 10% Contingency Total Award (Inclusive of HST Impact)
Budget Remaining after this award	\$ 75,237.80	**

\*\*The remaining balance of \$75,237.80 in the original budget will be returned to source.

### BACKGROUND

#### Angus Glen Community Centre Pool HVAC

The air handling unit (Haakom, AHU #8) at the Angus Glen Community Centre pool change room is 13 years old. The unit provides heating, cooling, 100% exhaust, and 100% ventilation to meet the air requirements for the users of the pool change rooms. The heat recovery wheel within the unit which uses the heat from the exhaust air to heat the intake air has deteriorated and would freeze up on very cold days.

The heat wheel replacement and the addition of the automatic defrost will help keep the operation of the Air handling Unit #8 in service and maintain the air quality in the pool change rooms. The Air handling Unit will operate at optimal transfer efficiency and maintain service to the pool area. The new heat wheel will have a higher efficiency service to allow for more air transfer and will have Variable Speed Drive Motor which will help save on electrical consumption.

The project scope is to replace the duct insulation, replace the heat wheel, and install automatic defrost to meet service efficiency of the air handling unit.

Work is to commence September 6, 2016 and to be completed before September 23, 2016.

#### Clatworthy Community Centre Arena HVAC

The Air Handling unit at Clatworthy Community Centre originally installed in 1990 is at the end of its expected life cycle. The unit provides means of heating to the main lobby, dressing rooms and washroom in the facility. The frequency and costs of maintenance and repairs are increasing.

The project scope is to remove and dispose the existing Air Handling unit and install a new unit to meet the heating requirements for the Community Centre.

Work is to commence September 12, 2016 and to be completed before September 23, 2016.

**BID INFORMATION**

Advertised	ETN
Bid closed on	July 7, 2016
Number picking up document	16
Number responding to bid	7

**PRICE SUMMARY**

Suppliers	Bid Price incl. HST
<b>Mapleridge Mechanical Contracting Inc</b>	<b>\$ 112,770.43</b>
Pipe All Plumbing & heating Ltd	\$ 118,326.53
360 Mechanical Group Ltd	\$ 130,597.77
Nor-Line Plumbing & Mechanical Ltd	\$ 134,211.26
S.I.G. Mechanical Services Ltd	\$ 137,974.35
Canadian Tech Air Systems Inc.	\$ 169,935.13
Vanguard mechanical inc.	\$ 195,379.20

**ENVIRONMENTAL CONSIDERATIONS**

Construction waste will be disposed as per properly in accordance with applicable laws, regulations and industry standards.  
The replacement unit is ASHRAE 90.1 compliant, ISO 9001 manufacturing quality

The main purpose of the air handling unit (Haakom, AHU #8) project at Angus Glen is to replace the heat recovery wheel to return the unit to its original design intent. New energy savings will be negligible as the only new feature is adding a variable speed drive to the ½ horsepower ERV motor. Likewise, the new Clatworthy AHU is a model of equivalent capacity and efficiency that will use approximately the same amount of energy as the AHU due for replacement.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	150-T-16 Rehabilitation of Storm Sewers (2016) – Trenchless and Open Cut Repairs
Date:	July 7, 2016
Prepared by:	Philip Zhang, Engineering Design Assistant, ext. 2477 Flora Chan, Senior Construction Buyer, ext. 3189

### PURPOSE

To obtain approval to award the contract for the rehabilitation of storm sewers at various locations within the City of Markham.

### RECOMMENDATION

Recommended Supplier	PipeFlo Contracting Corp. (Lowest Priced Supplier)	
Current Budget Available	\$ 422,697.00	058-6150-15271-005 Storm Sewer Pipe Rehabilitation
	\$ 526,800.00	058-6150-16207-005 Storm Sewer Pipe - Rehabilitation
	\$ 949,497.00	Total
Less cost of award	\$ 668,944.80	Cost of Award (Inclusive of HST)
	\$ 66,894.48	Contingency @ 10%
	\$ 735,839.28	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 213,657.72	*

\* The remaining balance will be returned to original funding source.

Note: As part of the Flood Control Program, the City collects a stormwater fee which includes new major infrastructure upgrades in vulnerable areas and repairs to major stormwater pipes. This project is funded through Life Cycle.

### BACKGROUND

As part of the routine inspection and maintenance activities, staff identified the storm sewer pipes at seventy two (72) locations are at significant defective conditions and need to be repaired by trenchless and/or open cut method.

Under the City's life cycle, the work of existing stormwater pipes "storm sewers" includes condition assessment, rehabilitation/repairs and replacement of pipe segments. The City conducts annual CCTV inspections of the existing stormwater pipe to determine areas that requires repairs, then submit through capital budget to complete the construction.

Due to various circumstances such as concrete obstructions, protruding metal, corrugated steel pipes (CSP) and severe structural failure in the pipe, an expected three (3) sections of the storm sewer will need to be repaired using Open Cut Method. The remaining recommended sewer repairs are to be completed using Trenchless Method in order to minimize restoration costs and disruption to the local residents.

The scope of work under this contract consists of the following tasks:

- Utility locates
- CCTV inspection (pre-installation and post-rehabilitation) for storm sewers
- Dewatering and storm sewer flow control where required
- Sewer cleaning and flushing
- Sewer CIPP lining
- Sewer pipe joint sealing, patching, and grouting
- Sewer pipe repairs at lateral connections
- Storm sewer pipe replacement
- Road restoration
- Reinstatement of disturbed areas

The construction period is scheduled from July to November 2016.

**BID INFORMATION**

Advertised	ETN
Bids closed on	June 23, 2016
Number picking up bid documents	13
Number responding to bid	2*

\* Purchasing contacted suppliers that picked up the Bid document but did not submit a bid; reasons cited for no bid were either “too busy” or “not our scope of work” or “scope of work was not our primary business”. These responses were consistent to previous bids. Sewer repairs using trenchless method is specialized with few competent contractors in the marketplace.

**PRICE SUMMARY**

Suppliers	Price (Inclusive of HST)
<b>PipeFlo Contracting Corp.</b>	<b>\$ 668,944.80</b>
Vertical Horizons Contracting	\$ 759,250.69

\*PipeFlo Contracting Corp. was previously awarded this contract in 2013 (176-T-13) and performance was satisfactory.

**FINANCIAL CONSIDERATIONS**

Account Name	Account No.	Original Budget	Budget Available for Construction	Amount Allocated for This Award	Budget Remaining After This Award
Storm Sewer Pipe Rehabilitation	058-6150-15271-005	\$ 625,900.00	\$ 422,697.00	\$ 209,039.28	\$ 213,657.72*
Storm Sewer Pipe - Rehabilitation	058-6150-16207-005	\$ 619,700.00	\$ 526,800.00	\$ 526,800.00	\$ -
Total		\$ 1,245,600.00	\$ 949,497.00	\$ 735,839.28	\$ 213,657.72*

\* The remaining balance will be returned to original funding source.

**ENVIRONMENTAL CONSIDERATIONS**

Not applicable





## STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	161-T-16 Pedestrian Accessibility Improvements
Date:	July 15, 2016
Prepared by:	Justin Chin, Engineering Technologist, ext. 4020 Patti Malone, Senior Buyer, ext. 2239

### PURPOSE

To obtain approval to award the contract for the installation of accessible pedestrian signals at six (6) intersections.

### RECOMMENDATION

Recommended Supplier	Guild Electric Limited (Lowest Priced Supplier)	
Current Budget Available	\$ 381,200.00	061-5350-16178-005 Pedestrian Accessibility Improvement - Ph 6 of 8
Less cost of award	\$ 334,312.13 \$ 33,431.21 \$ 367,743.34	Inclusive of HST* Contingency Inclusive of HST (10%) Total Award
Budget remaining after this award	\$ 13,456.66	*

\*The remaining budget will be returned to the original funding source.

### BACKGROUND

This is year six of an eight-year annual citywide pedestrian accessibility improvement program. Including the six intersections identified in this year's project, the Operations department will have completed pedestrian accessibility improvements at 49 intersections. Pedestrian accessibility improvements at the remaining 11 intersections (1 additional intersection added after the initial work plan was submitted in 2010) will be carried out as follows:

- Three (3) intersections listed for year seven (2017); and
- Eight (8) intersections listed for year eight (2018).

This project involves installation of accessible pedestrian signals at the following six (6) City intersections:

1. Birchmount Road & McNabb Street/Micro Court
2. Denison Street & Victoria Park Avenue
3. Denison Street & Coxworth Street
4. Commerce Valley Drive West & South Park Road
5. Rodick Road & Hollingham Road/John Button Boulevard
6. Denison Street & Clayton Drive

### BID INFORMATION

Advertised	ETN
Bids closed on	September 4, 2014
Number picking up bid documents	7
Number responding to bid	4

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Price
<b>Guild Electric Limited</b>	<b>\$334,312.13</b>
Black & McDonald Limited	\$343,257.44
Ascent Utility Services Inc.	\$344,848.66
Beacon Utility Contractors Limited	\$373,957.25



### STAFF AWARD REPORT

To:	Barbara Rabicki, Director Operations
Re:	165-Q-16 Traffic Equipment Replacement
Date:	September 9, 2016
Prepared by:	Justin Chin, Engineering Technologist, ext. 4020 Patti Malone, Senior Buyer, ext. 2239

#### PURPOSE

To obtain approval to award the contract for the installation of traffic equipment at eleven locations.

#### RECOMMENDATION

Recommended Supplier	Guild Electric Limited (Lowest Priced Supplier)	
Current Budget Available	\$ 253,400.00	061-6150-15236-005 Traffic Equipment Replacement
Less Cost of Award	\$ 79,475.06	Cost of Award
	\$ 7,947.50	Contingency (10%)
	\$ 87,422.56	Total Award Inclusive of HST
Budget remaining after this award	\$ 165,977.44	*

\*The remaining funds of \$165,977.44 will be returned to the original funding source. \$156,000 of the total remaining funds is due to the deferral of traffic signal pole assemblies at seventeen (17) intersections (9 vehicle and 8 pedestrian pole assemblies) and LED traffic signal indications at two (2) intersections based on condition assessment.

#### BACKGROUND

The project involves replacement of LED traffic signal indications at eight (8) intersections; replacement of traffic signal pole assemblies at two (2) intersections; supply and installation of emergency pre-emption equipment at one (1) intersection, replacement of two (2) solar powered flasher units, supply of six (6) portable speed radar boards and five (5) solar panels.

Emergency pre-emption equipment is used to manipulate traffic signal operations, giving emergency vehicles priority at intersections. This helps reduce emergency response times and enhances traffic safety within the intersection. Portable speed radar boards and associated solar panels are used as an educational tool to advise drivers if they are traveling at excessive speeds. These devices are used on priority streets throughout the City where speeding exists.

LED indications, emergency pre-emption equipment and speed display boards have an expected life of seven (7) years, ten (10) years and five (5) years, respectively. The equipment being replaced has either met or surpassed their expected life and will require replacement based on condition assessments. To keep the equipment in good working condition, equipment that is old, outdated or in poor working condition will need to be replaced to avoid failure and malfunction. Timely replacement and repair of this equipment is beneficial for public safety while eliminating unplanned and potentially costly repair and replacement work.

#### BID INFORMATION

Advertised	ETN
Bids closed on	June 23, 2016
Number picking up bid documents	17
Number responding to bid	4

#### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid Price
<b>Guild Electric Limited</b>	<b>\$79,475.06</b>
Black & McDonald Limited	\$90,332.21
Ascent Utility Services Inc.	\$99,247.65
Beacon Utility Contractors Limited	\$128,084.11

Project schedule: Four (4) months completion after award.

**STAFF AWARD REPORT****Page 1 of 2**

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	170-Q-16 Haul and Disposal of Soils
Date:	July 29, 2016
Prepared by:	Eddy Wu, Manager, Operations and Maintenance, Ext. 2445 Mike Brady, Supervisor, Contract Administration, Ext 2316 Tony Casale, Senior Construction Buyer, Ext. 2239

**PURPOSE**

To obtain approval to award the contract for haul and disposal of soils.

**RECOMMENDATION**

Recommended Supplier	Ground Force Environmental Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 130,000.00	Various (See Financial Considerations)
Less cost of award	\$ 117,914.40	Award amount (Inclusive of HST)
	\$ 5,895.72	5% Contingency
	\$ 123,810.12	Total Award
Budget shortfall after this award	\$ 6,189.88	*

\*The remaining funds will be used for other requirements such as emergency repairs and traffic control, trucking excavations to Miller Ave, and removal of catch basin material.

**BACKGROUND**

The City stockpiles soils following repairs from watermain breaks, sewer line breaks and water and wastewater infrastructure repairs and ditching materials. This Request for Quotation was issued to the market to retain a contractor to haul off site and dispose of stockpiled soils from the following two locations:

1. 8100 Warden Avenue (Waterworks Department)
2. 555 Miller Avenue (Operations Department)

**BID INFORMATION**

Advertised	ETN
Bid closed on	July 26, 2016
Number picking up document	23
Number responding to bid	5

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Ground Force Environmental Inc.</b>	<b>\$117,914.40</b>
A&G The Road Cleaners Ltd.	\$132,288.00
Rafat General Contractor Inc.	\$160,272.00
The Cannington Group Inc.	\$208,353.60
Miller Waste Systems Inc.	\$224,838.72

Note: Pricing received is approximately 26% lower as compared to the 2015 contract award (\$25.75/metric tonne versus 2015 pricing of \$35.00/ metric tonne).

**ENVIRONMENTAL CONSIDERATIONS**

The soils will be disposed of at an approved Ministry of the Environment and Climate Change ("MOECC") site duly authorized to receive such materials.

FINANCIAL CONSIDERATION

Account Name	Account #	Budget Amount	Budget Available	Amount Allocated to this Award	Cost of Award	Budget Remaining
Roads Tipping Fees	700-507-5760	150,696.00	150,552.00	60,000.00	55,026.72	4,973.28
Watermain Breaks	760-100-5300	424,580.00	368,625.00	70,000.00	68,783.40	1,216.60
Totals:		575,276.00	519,177.00	130,000.00	123,810.12	6,189.88

**STAFF AWARD REPORT****Page 1 of 2**

To:	Phoebe Fu, Director of Asset Management
Re:	189-Q-16 Citywide Pest Control Services
Date:	August 17, 2016
Prepared by:	Amaris Liu, Civic Centre Coordinator, ext. 3526 Flora Chan, Senior Buyer, Ext. 3189

**PURPOSE**

To obtain approval to award the contract for citywide pest control services for ONE (1) year with an option to renew for an additional THREE (3) years at the same terms, conditions and pricing.

**RECOMMENDATION**

Recommended Supplier:	E-Safe Pest Control (Lowest Priced Supplier)	
Current Budget Available:	\$ 8,585.83	Various operating accounts
Less cost of award:	\$ 5,260.98	Year 1 – 2016 (Sep 1 – Dec 31)
	\$ 15,782.98	Year 2 – 2017 (Jan 1 – Dec 31)*
	\$ 15,782.98	Year 3 – 2018 (Jan 1 – Dec 31)*
	\$ 15,782.98	Year 4 – 2019 (Jan 1 – Dec 31)*
	\$ 10,521.98	Year 5 – 2020 (Jan 1 – Aug 31)*
	\$ 63,131.90	Total Award with HST impact
Budget Remaining after this award:	\$ 3,324.85	**

\*Subject to Council approval of the 2017, 2018, 2019 and 2020 budget.

\*\*A component of this award is based on estimated volume and is subject to change, and therefore, any variance will be included as part of the year-end results. The anticipated annual savings of \$9,974.51 (\$25,757.49 (full year budget) minus \$15,782.98 (new contract pricing)) will be adjusted in the 2017 Operating budget subject to Council approval and fluctuations in volumes.

**BACKGROUND**

The City currently has a total of 67 facilities requiring pest control services, the work includes but not limited to:

- Monthly inspections of each facility
- Survey of each building for any evidence of infestations
- Discussion with the Facility Coordinator on any problem areas
- Setting of traps, bait stations or any other methods of control deemed necessary as a result of the investigative work.

**BID INFORMATION**

Advertised	ETN
Bid closed on	August 3, 2016
Number picking up document	17
Number responding to bid	12

**PRICE SUMMARY (Inclusive of HST Impact)**

Suppliers	Base Bid Price	As-required Services (estimated*)	Total Bid Price
<b>E-Safe Pest Control</b>	<b>\$ 7,363.35</b>	<b>\$ 8,419.62</b>	<b>\$ 15,782.98</b>
ProPco Pest Control Operator	\$ 8,499.00	\$ 8,419.62	\$ 16,918.62
Metro King Pest Control Inc.	\$ 12,821.76	\$ 4,009.34	\$ 16,831.10
Pesticon Pest Control Inc.	\$ 18,347.33	\$ 6,996.31	\$ 25,343.63
Hygiene GP Inc. (Formerly Cannon Hygiene Canada Ltd.)	\$ 19,000.63	\$ 11,025.70	\$ 30,026.32
Reliable Pest Control	\$ 20,441.55	\$ 13,030.37	\$ 33,471.92

**PRICE SUMMARY (Inclusive of HST Impact)...Continued**

<b>Suppliers</b>	<b>Base Bid Price</b>	<b>As-required Services (estimated*)</b>	<b>Total Bid Price</b>
Environmental Pest Control	\$ 21,540.56	\$ 15,035.04	\$ 36,575.60
Home Hardware Pest Control	\$ 26,022.07	\$ 15,035.04	\$ 41,057.11
EnviroPest Inc.	\$ 28,696.32	\$ 11,025.70	\$ 39,722.02
Orkin Canada	\$ 30,320.41	\$ 20,046.72	\$ 50,367.13
Abell Pest Control	\$ 30,894.34	\$ 12,028.03	\$ 42,922.37
HUG Group Pest Control	\$ 145,618.56	\$ 6,014.02	\$ 151,632.58

\*estimated usage (hours) based on current year's actual annual spend - 197 hours

Compared to current contract, this award represents annual savings of \$9,974.51 where the average monthly cost per facility and hourly rate are 40% and is 30% lower, respectively.

The base price is a fixed cost for monthly inspections of each facility, coordination with facility staff and methods to control any infestation. The as-required services are billed by the hourly rate for emergency services such as squirrel / raccoon exclusion, trapping (and relocation), disinfection, etc.

**ENVIRONMENTAL CONSIDERATIONS**

The bid specifications mandated the successful Contractor comply with the Occupational Health & Safety Act and all pest control products to comply with the Pest Control Products Act (PCPA) as legislated by Health Canada's Pest Management Regulatory Agency (PMRA). This is the primary federal legislation to control the import, manufacture, sale and use of all pesticides, including insecticides, herbicides and fungicides, in Canada. These criteria reflect environmental leadership in the pest control sector, and encourage reduced risk and impact on people and our environment.

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	193-T-16 Sediment Removal at Two Stormwater Management Ponds (ID #7 & #59)
Date:	August 19, 2016
Prepared by:	Alan Manlucu, Project Engineer, Ext. 2374 Flora Chan, Senior Construction Buyer, Ext. 3189

**PURPOSE**

To obtain approval to award the contract for Sediment Removal of the Stormwater Management Ponds at Rodick Road Extension (Pond #7) and Mattamy Homes Subdivision (Pond #59).

**RECOMMENDATION**

Recommended Supplier	Lancoa Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 926,645.00	SWM Pond Cleaning (ID #59 & ID #7) 058- 6150-15272-005
Less: Cost of Award	\$ 651,682.00 \$ 65,168.20 \$ 729,466.76	Cost of Award Contingency (10%) Total Award (inclusive of HST Impact)
Budget Remaining after this award	\$ 197,178.24	*

\*The remaining budget of \$197,178.24 will be returned to the original funding source.

Note: The tender quantity for the key cost item (sediment removal) was lower than budgeted, and the unit price bid for this item was lower than the budgeted market price. Both factors resulted in a favourable tender price relative to the budget.

**BACKGROUND**

In meeting the requirement of Ministry of Environment (MOE) Certificate of Approval (C of A), the City carries out pond inspections regularly. Sediment levels are monitored and when the percentage of accumulated sediment is more than 50% of the permanent pool volume, ponds are cleaned to ensure that the quality control function of the pond is maintained.

**PROJECT SCHEDULE**

- Early September 2016 – Commencement of Work
- November 2016 – Substantial Completion and Restoration
- December 2016 – Final Completion of Work

**BID INFORMATION**

Advertised	ETN
Bids closed on	August 9, 2016
Number picking up bid documents	16
Number of Suppliers responding to bid	6

**PRICE SUMMARY**

Suppliers	Bid Price (inclusive of HST)
<b>Lancoa Contracting</b>	<b>\$651,682.00</b>
Seawaves Development Services	\$667,477.00
Titanium Contracting	\$985,385.70
TBG Environmental	\$998,173.91
Ground Force Environmental	\$1,455,242.09
Dig Con International	\$2,475,650.14

**ENVIRONMENTAL CONDITIONS** Sediment cleaning maintains downstream water quality, preserves fish habitat and contributes to a sustainable, healthy ecosystem that is in line with the City's Greenprint initiative.



### STAFF AWARD REPORT

To:	Barbara Rabicki, Director, Operations
Re:	199-Q-16 Supply and Install Shade Structures
Date:	August 24, 2016
Prepared by:	Tanya Lewinberg, Public Realm Coordinator, ext. 2700 Patti Malone, Senior Buyer, ext. 2239

#### PURPOSE

To obtain approval to award the contract for supply and install two (2) shade structures at Randall Park and Toogood Park.

#### RECOMMENDATION

Recommended Supplier	ABC Recreation Ltd. (Lowest Priced Supplier)	
Original Budget and Account #	\$ 150,000.00	059-5350-16175-005 Public Realm-Markham's Shared Places Our Space
Current Budget Available	\$ 84,000.00	Budget Allocated for these items
Less cost of award	\$ 53,320.56	Inclusive of HST
	\$ 21,878.40	Provisional Item*
	\$ 7,519.89	Contingency (10%)
	\$ 82,718.85	
Budget Remaining after this award	\$ 1,281.15	**

\* The Bid included a provisional item to supply and install engineered structural slab the same size as the roof outline of the shade structure for 24' octagon and 16'x24' rectangle. Staff original intention was to use the City's concrete contractor for this work, however, by awarding the provisional item to ABC Recreation Ltd. we're able to eliminate need for structural footings in the base price. Therefore, this allows the City to achieve a reduction of \$9,500.00 (\$62,820.56 - \$9,500.00 = \$53,320.56) from the base price.

\*\* The remaining balance will be allocated to site restoration surrounding the shade structure such as minor grading, top soil and sod repairs and replacement.

#### BACKGROUND

The City issued a Quotation for the supply and installation of two shade structures at the following locations:

##### Randall Park

There will be a 16' x 24' Gable Roof Shade Structure installed with a multi-rib metal roof, frame and columns.

##### Toogood Park

There will be a 24' Octagonal Metal Shade Structure installed with a multi-rib metal roof, frame and columns.

#### BID INFORMATION

Advertised	ETN
Bids closed on	August 18, 2016
Number picking up bid documents	39
Number responding to bid	5

#### PRICING SUMMARY (INCLUDING HST)

Suppliers	Bid Price	Provisional Item	Total Award
ABC Recreation Ltd.	\$53,320.56	\$21,878.40	\$75,198.96
DPSL Group Ltd.	\$87,513.60	Did not Bid	\$87,513.60
Vin General Contracting Inc.	\$90,261.12	\$20,352.00	\$110,613.12
Draper Industrial Contracting Ltd.	\$129,764.35	\$60,007.87	\$189,882.22
Dontex Construction Ltd.	\$204,674.98	\$35,725.90	\$240,400.88





## STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	241-R-15 Consulting Engineering Services for 2016 Structures Rehabilitation Works - Detail Design (Stage 2) for Culverts & Pedestrian Bridges and Monitoring of Retaining Wall (Additional to Stage 1)
Date:	June 28, 2016
Prepared by:	Hossein Sharif, ext. 2382 Flora Chan, Senior Buyer, ext. 3189

### PURPOSE

To obtain approval to award the following:

- Detailed Design and Preparation of Tender Documents (Stage 2) for Culverts & Pedestrians Bridges; and
- Monitoring of Retaining Wall (Additional to Stage 1)

### RECOMMENDATION

Recommended Supplier	McIntosh Perry Consulting Engineers Ltd. (Highest Ranked / Lowest Priced Supplier)	
Current Budget Available	\$ 194,888.96	See financial considerations
Less cost of award	\$ 86,341.71 \$ 25,119.46 \$ 11,146.11 \$ 122,607.28 \$ 35,000.00 \$ 40,000.00 \$ 197,607.28	Stage 2 - Detailed Design & Preparation of Tender Documents* Monitoring of Retaining Wall (B043)** Contingency (10%) Cash Allowance for Hydraulic Study and Bore Hole Investigation*** Cash allowance for MNR/TRCA Permits/fee*** Total Cost of Award - Stage 2 Works (incl. HST Impact)
Budget Remaining after this award	- \$ 2,718.32	****

#### Notes:

\* Stage 2 (Culverts & Pedestrian Bridges) - Detailed design fee is calculated as a percentage of the estimated construction cost upon completion of Stage 1. Based on the selected rehabilitation options, the estimated construction cost (for 5 culverts and 7 pedestrian bridges) is \$1,233,453.06 (includes HST impact) and McIntosh Perry's detail design fee submission of 7% constitutes the award amount of \$86,341.71 (includes HST impact).

\*\*Retaining wall (B043): The Consultant recommends ground water monitoring as a first step to identify the rehabilitation strategy. Based on the results of this monitoring, the further course of action for this structure will be determined. \$25,119.45 (incl. HST impact) is allocated for groundwater monitoring.

\*\*\*Proposal 241-R-15 includes \$35,000 cash allowance for hydraulic study & bore hole investigation and \$40,000 cash allowance for TRCA & MNR approvals.

\*\*\*\*Based on preliminary design, the estimated cost of construction is \$1.2M versus the approved construction component budget of \$1.4M (#16213 & #16218). Therefore there is potentially \$200K in surplus funds that can be reallocated to cover the above shortfall of (\$2,718.32) for Stage 2 and required Stage 3 - Contract Administration. Any future remaining funds will be returned to the original funding source.

### BACKGROUND

In meeting the legislative requirements of The Public Transportation and Highway Act- Regulation 104/97, the City implements an annual structures inspection program to identify the maintenance needs and thus protect and prolong the life of the structures. Since 2004, the City has undertaken regular inspection of all City-owned bridges and culverts. Structures that show deficiencies are rehabilitated and/or replaced.

## BACKGROUND (Continued)

The following thirteen (13) structures were included in the RFP 241-R-15:

1. B043: North Retaining Wall of CNR Bridge at Enterprise Boulevard
2. C023: Culvert at Personna Blvd
3. C059: Culvert at 19th Ave and McCowan
4. C197: Culvert at Reesor Road and Elgin Mills Road
5. C205: Culvert at 19th Avenue and Dickson Hill Road
6. C238: Culvert at Piera Gardens
7. P007: Pedestrian Bridge at Featherstone Avenue
8. P013: Pedestrian Bridge on Springdale Street
9. P018: Pedestrian Bridge in Armadale Park 2
10. P064: Pedestrian Bridge in Markham Green Golf Course 3
11. P065: Pedestrian Bridge in Markham Green Golf Course 4
12. P066: Pedestrian Bridge in Markham Green Golf Course 5
13. P067: Pedestrian Bridge in Markham Green Golf Course 6

## OPTIONS / DISCUSSIONS

In 2015, Staff awarded Request for Proposal 241-R-15 to the highest ranked / lowest priced bidder for the structure rehabilitation works at the locations identified above. The contract was broken down into three (3) stages with consultants providing pricing for all stages.

The stages were as follows:

- Stage 1 - Detailed Condition Survey/Preliminary Design/Financial Analysis (COMPLETED)
- Stage 2 - Detailed Design and Preparation of Tender Documents (**THIS AWARD**)
- Stage 3 - Contract Administration / Inspection

Staff awarded Stage 1 works through the appropriate award authority in December 2015 to McIntosh Perry 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. Staff is satisfied with McIntosh Perry's performance on Stage 1 works and therefore recommend awarding Stage 2 works as per the original bid submission.

Stage 3 works - contract administration and construction inspection services will be awarded at the time of construction as the construction period for each of these structures is unknown at this time and some of the structures will be grouped together in the construction tender to obtain better pricing.

## FINANCIAL CONSIDERATIONS

The following table summarizes the financial details of this award:

Account Name	Account #	Budget Amount	Construction Component	Design + CA Component	Amount allocated for Stage 1 Works	Budget Remaining After Stage 1 Award (Incl. Stage 1 Contingency)	Amount to be allocated for Stage 2 Works	Budget Remaining After Stage 2 Award
Retaining Wall Rehabilitation ( <b>B043</b> )	#16219	\$209,600	\$174,000	\$35,600	\$18,281.18	\$17,318.82	\$27,631.40	-\$10,312.58
Culverts Rehabilitation (5 Structures) <b>C023, C059, C197, C205, C238</b>	#16213	\$1,430,900	\$1,187,600	\$243,300	\$19,479.41	\$168,007.06	\$140,009.71	\$27,997.35
Pedestrian Bridges Rehabilitation (7 Structures) <b>P007, P013, P018, P064, P065, P066 and P067.</b>	#16218	\$287,200	\$238,300	\$48,900	\$95,130.84	\$9,563.08	\$29,966.17	-\$20,403.09
<b>TOTAL</b>		<b>\$1,927,700</b>	<b>\$1,599,900</b>	<b>\$327,800</b>	<b>\$132,891.44</b>	<b>\$194,888.96</b>	<b>\$197,607.28</b>	<b>-\$2,718.32</b>

**FINANCIAL CONSIDERATIONS (Continued)**

Staff recommends the following:

1. Retaining Wall (B043): Shortfall of \$10,312.58 to be funded from the construction component of retaining wall budget #16219.
2. Five (5) Culverts (C023, C059, C197, C205 and C238): \$35,000 cash allowance for hydraulic study & Borehole Investigation and \$40,000 cash allowance for TRCA & MNR approvals (Total of \$75,000) to be funded from the design component of culvert budget #16213.
3. Seven (7) Pedestrian Bridges (P007, P013, P018, P064, P065, P066 and P067): Shortfall of \$20,403.09 for Stage 2 design component to be funded from the construction component of Pedestrian Bridges budget #16218. Shortfall is due to replacement of three (3) pedestrian bridges as opposed to rehabilitation.

**ENVIRONMENTAL CONSIDERATIONS**

Not Applicable



## STAFF AWARD REPORT

Page 1 of 2

To:	Brenda Librecz, Commissioner of Community and Fire Services
Re:	180-Q-16 Contract Administration and Construction Inspection for Rehabilitation of Storm Sewers 2016 (Trenchless and Open Cut Repairs)
Date:	July 28, 2016
Prepared by:	Philip Zhang, Engineering Design Assistant, ext. 2477 Alan Manlucu, Project Engineer, ext. 2374 Flora Chan, Senior Construction Buyer, ext. 3189

### PURPOSE

To obtain approval to award the contract administration and construction inspection services for repairs of existing storm sewers at seventy-two (72) locations within the City.

### RECOMMENDATION

Recommended Supplier	AECOM Canada Ltd. (Highest Ranked/Lowest Priced Supplier)	
Current Budget Available	\$ 92,900.00	058-6150-16207-005 Storm Sewer Pipe - Rehabilitation
Less Cost of Award	\$ 82,880.47	Contract Administration (Inclusive of HST)
	\$ 8,288.05	Contingency (10%)
	\$ 91,168.52	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 1,731.48	*

\*The remaining balance of \$1,731.48 will be returned to the original funding source.

### BACKGROUND

The City of Markham carried out closed – circuit television (CCTV) inspection for storm sewer pipes from 2012 to 2014. Based on the CCTV inspection, there are seventy-two (72) locations identified with significant defects. Three (3) storm sewer sections are identified to be repaired by open cut method, the remaining locations can be repaired using the trenchless method in order to minimize restoration cost and disruption to the local residents.

The estimated period of engineering services during the storm sewers construction is from August to November 2016.

### BID INFORMATION

Advertised	ETN (Electronic Tendering Network)
Bids closed on	July 19, 2016
Number picking up bid documents	23
Number responding to bid	7

### PROPOSAL EVALUATION

The evaluation team was comprised of staff from Asset Management Department with Purchasing staff acting as the facilitator. The evaluation was based on pre-established evaluation criteria as listed in the Request for Quotation, 20% of Experience and Past Performance of the Consulting Firm, 50% of Qualification and Experience of the Contract Administrator and Construction Inspector, and 30% Price, totaling 100%.

Suppliers	Total Score	Rank
AECOM Canada Ltd.	91.50	1
Exp Services Inc.	55.14	2
MEC Global Ltd.	52.89	3
BT Engineering	50.30	4
Highway Construction Inspection Ontario Inc.	49.99	5
Stantec Consulting Ltd.	46.21	6
Safe Roads Engineering	14.78	7

Prices ranged from \$82,880.47 to \$136,663.68 (inclusive of HST).

**PROPOSAL EVALUATION (Continued)**

AECOM Canada Ltd.'s proposal demonstrated a thorough understanding of the project and its requirements. AECOM Canada Ltd. and the project team assigned to this contract have extensive experiences with trenchless sewer repairs and has successfully completed similar projects.

The bids have been verified for accuracy and compliance with the Request for Quotation Terms and Conditions. Purchasing has reviewed the references of the recommended supplier and is satisfied with these recommendations.

**FINANCIAL CONSIDERATIONS**

Account Name	Account #	Original Budget	Budget Available for Design	Amount Allocated for This Award	Remaining Budget
Storm Sewer Pipe - Rehabilitation	058-6150-16207-005	\$ 619,700.00	\$ 92,900.00	\$ 91,168.52	\$ 1,731.48*

\*The remaining balance of \$1,731.48 will be returned to the original funding source.

**ENVIRONMENTAL CONSIDERATIONS**

Not applicable



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	064-R-16 - Engineering Consulting Services for Building Envelope and Structural Review of Various Buildings
Date:	July 6, 2016
Prepared by:	Michael Ryan, Facility Engineer. ext. 2563 Flora Chan, Senior Buyer, ext. 3189

### PURPOSE

To obtain approval to award the contract for Engineering Consulting Services for Building Envelope and Structural Review for various buildings.

### RECOMMENDATION

Recommended Supplier	Stephenson Engineering Ltd. (Highest Ranked /Second Lowest Priced Supplier)	
Current Budget Available	\$ 76,500.00	750-101-5699-16188 (Building Envelope/Structural Review)
Less cost of award	\$ 49,557.12 \$ 23,000.00 <u>\$ 3,627.86</u> \$ 76,184.98	Cost of Award Testing Allowance (See Options & Discussions section) Contingency @ 5%* Total Cost of Award (with HST Impact)
Budget Remaining after award	\$ 315.02	**

\* The contingency was reduced from the standardized 10% as the work does not involve construction which minimizes the need for a higher contingency.

\*\*Remaining budget of \$315.02 will be returned to the original funding source.

### BACKGROUND

Markham facilities are getting older, and many of them require assessments of their structural integrity to ensure public safety. Recent building collapses (i.e. Elliot Lake Mall Roof Collapse) indicated a need to have a proactive program to evaluate the building envelopes and structures of our facilities.

The scope of work is for a qualified consulting team to perform detailed structural and building envelope assessments and to identify anticipated capital repairs over the next 25 years. This information will be used to update life cycle data which is used to plan for capital repairs.

The building envelope and structural review of buildings is part of a recently developed program with the objective of completing reviews of all 181 city owned facilities. The program was started in 2014 and is to be completed every two (2) years. Building selection is based on facility age, lifecycle data, and the condition of the roof as it is a significant capital repair for a building envelope. Below we have listed the 21 buildings that are to be reviewed as part of the program in 2016.

<ul style="list-style-type: none"> <li>Centennial Community Centre</li> <li>Clatworthy Arena</li> <li>Craft Guild</li> <li>Crosby Memorial Arena</li> <li>Fire Station No. 91</li> <li>Fire Station No. 94</li> <li>Fire Training Centre</li> <li>Markham Village Community Centre</li> <li>Markham Village Library</li> <li>Milliken Mills Community Centre</li> <li>Museum Burkholder Carriage House</li> </ul>	<ul style="list-style-type: none"> <li>Museum Harness Shop</li> <li>Museum Markham Little Theatre</li> <li>Museum Ward Building</li> <li>Old Unionville Library and Community Centre</li> <li>Seniors Centre</li> <li>Flato Markham Theatre</li> <li>Thornhill Community Centre</li> <li>Unionville Train Station</li> <li>Victoria Square Community Centre</li> <li>Angus Glen Community Centre</li> </ul>
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**BACKGROUND (Continued)**

Originally Warden House was to be reviewed as part of the program in 2016 however a review separate from this program was completed in 2015 by Recreation. Milliken Mills Community Centre and Library was added in its place based on feedback from the facility operator and findings from building envelope repairs currently in progress at the facility.

If this award is approved a total of 28 facilities will have been reviewed as part of this program.

Work Schedule: August 15 to December 31, 2016.

**BID INFORMATION**

Advertised	ETN (Electronic Tendering Network)
Bids closed on	May 31, 2016
Number picking up bid documents	46
Number responding to bid	10

**PROPOSAL EVALUATION**

The Evaluation Team was comprised of staff from the Asset Management Department with staff from Purchasing Department acting as the evaluation facilitator. The evaluations were based on pre-established evaluation criteria as outlined in the Request for Proposal: 30% Qualifications and Experience of the company, 20% Understanding of Project, 20% Project Management, and 30% price, totaling 100%.

Suppliers	Total Score (100 points)	Overall Ranking
<b>Stephenson Engineering Ltd.</b>	<b>87.40</b>	<b>1</b>
Accent Building Services Inc.	82.83	2
Cion Coulter Corp.	82.19	3
Pretium Anderson Toronto. Inc.	71.84	4
Peto MacCallum Ltd.	68.29	5
Concentric Associates International Incorporated	59.68	6
IRC Building Sciences Group	59.17	7
BTC Group	56.89	8
TSS Building Science Inc.	50.50	9
J+B Engineering Inc.	45.17	10

\*The prices ranged from \$63,632.77 to \$308,945.60 and includes a testing allowance of \$23,000.00.

The recommended consultant was awarded the 2014 contract (069-R-14) and other City projects with satisfactory performance. Stephenson Engineering Ltd. has extensive experience and their proposal demonstrated a good understanding of the project scope.

**OPTIONS & DISCUSSIONS**

As the bid price exceeded the approved budget, Staff reviewed the award options with the successful supplier and jointly agreed to reduce the testing allowance by 24.7%, from \$30,528.00 to \$23,000.00. This allowed all facilities to be reviewed and also included a contingency for the project.

The testing allowance is intended for testing of the building envelope and structure if the visual review by the consultant is not sufficient to assess the building condition. The testing allowance can only be determined by the consultant after a detailed investigation is completed. Once the initial investigation is completed, the consultant will discuss what additional testing is required with the City prior to the work being approved. Based on prior experience, the reduced testing allowance is sufficient to cover all facilities in scope.

**ENVIRONMENTAL CONSIDERATIONS**

The consultant will provide repair recommendation and cost estimates to improve energy efficiency of building envelope components where possible.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	167-T-16 Construction of Infrastructure for the Mount Joy Artificial Air Support Structure
Date:	July 29, 2016
Prepared by:	Martin Barrow, Recreation Co-Ordinator Ext. 2361 Leanne Lee, Senior Buyer, Ext. 2025

### PURPOSE

To obtain approval to award the contract for the construction of infrastructure for the Mount Joy (Mt. Joy) Artificial Air Support Structure.

### RECOMMENDATION

Recommended Supplier	Hawkins Contracting Services Limited (Second Lowest Priced Supplier)	
Current Budget Available	\$ 176,950.00	070-6150-16271-005 Mt Joy Site Servicing Project
Less cost of award	\$ 13,462.85	Site Preparation
	\$ 1,648.51	Sodding
	\$ 38,697.66	Paving
	\$ 11,905.92	Fencing
	\$ 45,755.37	Site Electrical
	\$ 20,490.39	Gas Line
	\$ 7,632.00	Allowance *
	\$ 139,592.70	Total Cost of Award (Inclusive of HST)
	\$ 6,979.63	5% Contingency
	\$ 146,572.33	Total Award Inclusive of HST
Budget Remaining after this award	\$ 30,377.67	**

\* Allowance is for concrete, gas and electrical testing.

\*\*\*The remaining budget in the amount of \$30,377.67 will be used for Gas pressure station installation by Enbridge and cable work for Dome requiring a separate electrical contractor.

### BACKGROUND

In February 2016, Council approved the development of a seasonal indoor soccer dome at Mt. Joy artificial field through a third party vendor. The terms of the 20 year agreement with Mt. Joy Dome Inc. include the responsibility of the City to design, construct and install site servicing to support the operation of an artificial air support structure. Mt. Joy Dome Inc is responsible for installation of the artificial air support structure.

The scope of work consists of, but is not limited to the following:

- Installation of all concrete pads for the following mechanical equipment: air lock unit, HVAC unit, emergency exits
- Installation of the natural gas line and meter
- Installation of electrical work including: the meter, seasonal switch and transformer, the conduit
- Installation of any fencing around the concrete pad.
- All labour and equipment required for the removal and replacement of the roofing system

### Project Schedule

The site servicing must be ready no later than September 15, 2016 to allow Mt. Joy Dome Inc a two week window for the installation of the artificial air support structure to ensure they are fully operational by the first week in October.



**BID INFORMATION**

Advertised	ETN
Bid closed on	July 14, 2016
Number picking up document	11
Number responding to bid	4

**PRICE SUMMARY**

Suppliers	Bid Price incl. HST impact
R-Chad General Contracting Inc.	\$ 124,147.20*
<b>Hawkins Contracting Services Inc.</b>	<b>\$ 153,877.67 **</b>
Dontex Construction Ltd	\$ 165,338.63
Lombardi Construction Inc.	\$ 172,941.12

Note: Staff were able to reduce the bid opening price from Hawkins from \$153,877.67 to \$139,592.70 by negotiating a price reduction of \$6,652.97 off their base price and reducing the allowance for concrete, gas and electrical testing by \$7,632.00. Staff and the contractor believe \$7,632.00 should be sufficient to complete this testing.

**\* R-Chad General Contracting Inc. (Not recommended)**

In accordance with the bid document, the City reserves the right not to award to the lowest priced or any Bidder whose reference checks do not provide proof of their satisfactory performance, experience and/or qualifications.

Additionally, as per the City's *General Terms and Conditions*, Part II, Section 17.4 "The City reserves the right, in its sole discretion, not to award to the lowest priced Bidder whose reference checks do not meet or exceed the expectations of the City (as determined by the City in its sole discretion) regarding past performance, timely project completion, etc."

Staff recommends not awarding this contract to the lowest priced bidder due to performance issues on five (5) out of seven (7) reference checks conducted, all of which were of similar size and scope.

**\*\*Hawkins Contracting Services Inc. (Recommended)**

Staff recommends awarding the contract to the second lowest priced supplier, Hawkins Contracting Services Inc. Reference checks were favourable and Staff are confident that they will meet, if not exceed, expectations.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	235-Q-13 Retro-reflectivity Inspection of Regulatory Signs - Contract Extension
Date:	June 23, 2016
Prepared by:	Mike Brady, Supervisor, Contract Administration, ext 2316 Patti Malone, Senior Buyer, ext. 2239

### PURPOSE

To obtain approval to extend contract 235-Q-13 for a retro-reflectivity inspection of regulatory signs for three additional years (2017-2019) at a 5% reduction from the 2013 pricing.

### RECOMMENDATION

Recommended Supplier	Fernandes Nuclear Products Inc. (Non-competitive Procurement)	
Current Budget Available	\$ 53,800.00	700-505-5399 Other Contracted Services
Less cost of award	\$ 51,097.34	2017 Inclusive of HST
	\$ 51,097.34	2018 Inclusive of HST
	\$ 51,097.34	2019 Inclusive of HST
	\$ 153,292.02	Total award Inclusive of HST
Budget Remaining after this award	\$ 2,702.66	*

\*The remaining balance of \$2,702.66 may be used for replacement of signs that do not meet standards as identified through the retro-reflectivity inspection and any remaining balance will be included as part of the year-end results of operations.

Staff further recommends: THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 (1) (c) when the extension of an existing contract would prove more cost-effective or beneficial.

### BACKGROUND

The Province of Ontario implemented in 2012 the Minimum Maintenance Standards to help municipalities with managing the risk associated with the maintenance of roads and as a defence from claims citing negligence. The Ontario Traffic Manual requires signs be either illuminated or composed of retro-reflective sheeting materials. With retro-reflective sheeting materials degrading over time, signs need to be inspected yearly to ensure that the minimum retro reflectivity is maintained.

The signs that do not meet the minimum retro reflectivity are replaced.

### OPTIONS/DISCUSSIONS

The City may negotiate contracts outside the competitive contracting process, when negotiations can reasonably be expected to lead to price savings and/or operational efficiencies for the City, which could not be reasonably expected as achievable through competitive bidding process.

The City's regular practice is to consider the following, prior to entering into negotiations with a supplier to extend a contract:

- Has the same supplier been awarded the same contract over a number of years through a competitive process
- Was the supplier bid response low (i.e. low bid submissions)
- Is there a limited number of suppliers who can provide this type of good or service
- Where the supplier (incumbent) will extend the current contract for the same price or a reduction in price

Of the above items, Staff believe it is in the best interest of the City to extend, through a non-competitive process, as the current supplier will provide a 5% reduction from their 2013 pricing. Additionally, the City will achieve cost certainty as the proposed 2017-2019 prices are fixed for the three year period. Also, when comparing the price history for this contract, the recommended supplier's current price was much lower than the second lowest priced supplier in 2013 and the quality of their work has met the requirements of the Operations Department.

**OPTIONS/DISCUSSIONS (Continued)**

The following provides the awarded contractual pricing from 2013 to 2019 as recommended under this award:

**Tender history**

Year	Price per sign	Lowest Priced Supplier
2013	\$5.00	Spectra Advertising
2014	\$3.40	Fernandes Nuclear Products Inc.
2015	\$3.40	Fernandes Nuclear Products Inc.
2016	\$3.40	Fernandes Nuclear Products Inc.
2017-2019	\$3.23*	Fernandes Nuclear Products Inc.*

\* The 2017-2019 recommended price of \$3.23 per sign is 5% lower than the 2014-2016 pricing.

Additionally, Staff reviewed the marketplace to understand what others are paying for these types of signs. Currently, the market rate is between \$3.69 to \$6.95 per sign, with a CPI Index. Therefore, Staff is recommending awarding this contract through a non-competitive process which aligns with Part II, Section 7(1) (c) of the City Purchasing Bylaw 2004-341, whereby “the City may negotiate a contract for the supply of goods and services without a competitive process, when the extension of an existing contract would prove more cost-effective and beneficial”.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	153-S-16 Replace Library Shelving and Lighting at Unionville Branch
Date:	June 14, 2016
Prepared by:	Chris Sheehy, Manager, Facilities and Workplace Safety, Ext. 4274 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for phase 1 of the replacement of library shelving and lighting at the Unionville branch.

### RECOMMENDATION

Recommended Supplier (s)	Out of the Box Associates (Non-competitive Procurement)	
Current Budget Available	\$ 82,456.13	070-6150-16149-005 Replacement Library Shelving & Furniture
Less cost of award	\$ 82,437.81	Inclusive of HST Impact
Budget Remaining after this award	\$ 18.32	*

\*Balance remaining in the amount of \$18.32 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) “where it is in the City’s best interest not to solicit a competitive bid.”

### BACKGROUND

This award is the first phase of a three phase program to replace all fixed book shelving with attached lighting in Unionville Library (UL). The total cost of the three phase program is estimated to be \$253,000 and is included in the life cycle study as part of the annual shelving and furniture program. Please note that the only lighting source in these areas of the building is 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.

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.

### Manufacturer (Montel Inc.)

The Library has used Montel Inc. shelving for recent replacement projects at several other Markham Public Library (MPL) locations: Angus Glen (2004) / Markham Village (2008) / Thornhill Community (2011) / Thornhill Village (2014-2015). Montel provides a more robust product than those offered by other manufacturers, and also offers a lifetime warranty compared to a 5-year warranty offered by other companies. Since library shelving remains in use for many years, a lifetime warranty is essential to ensure long service and replacement of damaged units as required.

Additionally, Montel is now used in multiple MPL branches, 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 we used a different shelving supplier manufacturer.

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

Since the type of shelving being specified is from Montel Inc. there are a limited number of installers/distributors who are able to provide this product. Purchasing has confirmed that Out-of-the-Box receives preferred pricing for shelving from Montel Inc for the City of Markham’s geographical area. Also, Out-of-the-Box is a local company and is able to perform warranty repairs quickly.

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

Out of the Box Associates Inc. provides a 43% discount off Montel's list price. Further, Staff negotiated a reduction in the LED lighting supply and installation component from the original figure of \$40,679 to \$38,530, for a reduction of \$2,149 or 5% (all figures inclusive of HST impact).

Since this project will be phased over three years, the remainder of the replacement project at UL will be recommended on a non-competitive basis, (i.e. Montel Inc and Out of the Box Associates). Out of the Box has been awarded competitive tenders with Markham Public Library several times since the renovation of Thornhill Community Library (2009). The company as noted by Montel has preferred vendor pricing for library shelving, which has enabled them to provide consistently lower pricing than their competitors. For the Unionville replacement project, Out of the Box has provided a 43% discount on the Montel list price and has promised in writing to maintain this discount structure in future phases of this project.

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

The lighting replacement represents about half of the budget that could be separated out of the project and competitively bid. 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. In addition, the (Out of the Box Associates) will install the brackets for the new lighting along the shelf tops rather than having this done by an electrician, which will achieve cost savings.

Montel and Out of the Box has 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 lighting is being replaced with LED lighting in this project. LEDs are energy efficient and consume up to 40-70% less power than incandescent bulbs. Since LEDs use only a fraction of the energy of an incandescent light bulb there will be a decrease in power costs. 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. With the new lighting scheme, the library will save 75W per aisle, a 30% reduction in power and a 30% reduction in heat load for air conditioning systems once all the lighting is replaced in three years. 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.

Sustainability Dept. staff have confirmed an estimated savings of 2,940 kWh/year, or \$441/year using the 2016 corporate budget rate of \$0.15/kWh, this total saving will be achieved at the end of the three year replacement program (\$147 in 2017; \$294 in 2018; \$441 in 2019). Reduction in maintenance cost will be monitored and adjusted accordingly in future years operating budgets.



### STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	156-S-16 Markham Public Library Material & Processing Services for Chinese Materials
Date:	May 30, 2016
Prepared by:	Larry Pogue, Director, Administration, Ext. 5986 Tony Casale, Senior Construction Buyer, Ext. 3190

### PURPOSE

To obtain approval to award the contract for Chinese material & processing services for the 7 current branches and the South East Library opening day collection.

### RECOMMENDATION

#### Annual Collection for 7 Branches – Chinese Materials

Recommended Supplier	Library Services Centre (Non Competitive Procurement)	
Current Budget Available	\$ 289,178.84	070-6150-16148-005 Library Collections
Less cost of award	\$ 289,178.84	2016 Cost of Award (Incl. of HST)
	\$ 423,535.80	2017 Cost of Award (Incl. of HST)*
	\$ 423,535.80	2018 Cost of Award (Incl. of HST)*
	\$ 1,136,250.44	Total Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 0.00	

\* Subject to Council approval of the 2017/2018 operating budgets.

#### Southeast Library Opening Day Collection – Chinese Materials

Recommended Supplier	Library Services Centre (LSC) (Non Competitive Procurement)	
Current Budget Available	\$ 406,241.44	070-5350-13892-005 SECC&L - Library Collection
Less cost of award	\$ 406,241.44	Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 0.00	

### BACKGROUND

This contract award is for Chinese language material and processing services for the 7 current branches and the South East Library opening



### STAFF AWARD REPORT

To:	Peter Loukes, Director, Environmental Services Alex Moore, Senior Manager, Purchasing & Accounts Payable
Re:	164-S-16: Emergency Structural Repairs to Protect an at risk Sanitary Manhole off Bronte Road
Date:	May 20, 2016
Prepared by:	Eddy Wu, Manager, Operations & Maintenance Ext. 2445 Tony Casale, Senior Construction Buyer, Ext. 3190

### PURPOSE

To obtain approval to award the contract for emergency structural repairs to protect an at risk sanitary manhole off Bronte Road.

### RECOMMENDATION

Recommended Supplier	Toronto and Region Conservation "TRCA" (Emergency Purchase)	
Current Budget Available	\$ 34,824.00	760-560-5300 Construction
Less cost of award	\$ 62,160.85	Award amount (Incl. of HST)
	\$ 6,216.08	Contingency @ 10%
	\$ 68,376.93	Total Cost of Award (Incl. of HST)
Budget Remaining after this award	(\$ 33,552.93)	*

\* The unfavourable variance in the operating account will be included as part of the year-end results of operations

### Staff further recommends:

Notwithstanding any other provision of Purchasing By-law, the following provisions shall apply in case of an emergency:

(a) wherever feasible, the Manager of Purchasing, upon the recommendation of the Director of the User Department, shall secure by the most open procedure at the lowest obtainable price and consistent with service requirements, any goods or services required up to the amount of \$350,000;

### BACKGROUND

On May 17th, 2016 the Environmental Services Department declared an Emergency Purchase due to the discovery that the structure of sanitary manhole #847G off Bronte Road had been exposed. This is a result of the creek bank erosion along German Mills over the past several years from storm events. Any further storm would lead to the possibility of the manhole structure collapsing and damaging the sanitary sewer. As a result, immediate repair is required as early as possible to protect the exposed infrastructure

As per the purchasing By-law, an "Emergency" means a situation where the immediate purchase of goods or services is essential to prevent serious delays, damage or injury, to restore minimum service or to ensure the health and safety of any person including employees or residents of the City of Markham;

City staff have had two site meetings with TRCA, and it has been determined the most efficient way to conduct this emergency repair is to engage TRCA themselves. This repair will be deemed temporary, as to ensure no further damage to the exposed sanitary manhole will happen from any upcoming storm this year. However a permanent repair is still required in the near future, which includes the relocation of this manhole and the sanitary sewer to keep the infrastructure away from the creek bank as further away as practical. The request for the permanent repair will be submitted as a project in the 2017 Capital Project budget process.

It is anticipated that the emergency works will be completed by June 30th, 2016.



### STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	215-S-16 Winch Pipe System Safety Upgrades for Flato Markham Theatre (Winch Motors)
Date:	August 24, 2016
Prepared by:	Scott Hill, Business & Rental Manager Ext 7545 Leanne Lee, Senior Buyer, Ext. 2025

#### PURPOSE

To obtain approval to award the contract for the replacement of 4 winch pipe motors at the Flato Markham Theatre.

#### RECOMMENDATION

Recommended Supplier	Ontario Staging Limited (Non-competitive Procurement)	
Current Budget Available	\$ 80,317.17	074-6150-16082-005 Theatre Stage and Audio Visual equipment replacement
Less cost of award	\$ 80,319.17	Inclusive of HST Impact
Budget Remaining after this award	\$ 682.83	

\*The remaining budget of \$682.83 to be returned to the 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) (e) “where the City is acquiring specialized vehicles or equipment.”

#### BACKGROUND

The primary components of the Theatre’s winch pipe system are winch motors and a control box. The system resides above the stage and is responsible for holding heavy equipment and scenery over performers, technicians, staff and patrons. The upgrade replaces four (4) winch motors which would double the capacity from 500 lbs to 1,000 lbs, thus allowing for greater technical show flexibility and safety enhancement.

The control box which controls the four winch pipe motors to be replaced is unique and was custom designed by Ontario Staging Limited in 2012 for the Flato Markham Theatre. Due to the customized design, upgrading the system components (i.e. the four winch motors) is best handled by the original installer because each system can be very different and another company would not be fully cognizant of the intricacies of the custom designed system.

Through a competitive bid process, Ontario Staging Limited was awarded the contract for the supply and installation of four winch motors in 2005 and one electric motorized winch motor in 2012. Each time the bids came in significantly lower.

#### FINANCIAL CONSIDERATIONS

Replacing the motors on the existing system mitigates the need to replace the entire system as this will allow the current system’s useful life to be extended by 20 years; the same as if the entire system were to be replaced thereby deferring the capital expenditure.

#### ENVIRONMENTAL CONSIDERATIONS

Replacing the motors on the existing system instead of replacing the entire system reduces mechanical and residual waste (reduces landfill) hence reduces the carbon footprint. The old winch motors will be recycled by Ontario Staging Limited.





## STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer Joel Lustig, Treasurer
Re:	163-S-14 National Brand Food and Beverage Franchise Service for Cornell CC&L and Pan Am Centre
Date:	July 25, 2016
Prepared by:	Alex Moore, Senior Manager, Purchasing & Accounts Payable

### PURPOSE

To provide an update on the results of the negotiations with Presse Café to operate and manage the Café areas at Cornell CC&L and Pan Am Centre.

### RECOMMENDATION

#### Cornell CC&L

The agreement was finalized in 2015 and Presse Café opened for operation on April 1<sup>st</sup>, 2015.

Guaranteed annual rent	\$9,000/year
Annual Commission	Eight percent (8%) of sales up to \$300,000 Nine percent (9%) of sales from \$300,001 to \$500,000 Ten percent (10%) sales over \$500,000
Property Tax	Based on 366 sq ft of leased area
Term	Ten (1) Years with the right to extend for two additional terms of five (5) years

In addition, Presse Café made a significant capital investment in the Café area.

#### Pan Am Centre

The agreement was finalized in July 2016 with the fixturing period (construction) to commence thereafter and be completed by October with an opening day of November 1<sup>st</sup>.

Guaranteed annual rent	\$18,000/year (Pre-York University) \$24,000/year (Post York University opening or April 22 <sup>nd</sup> , 2022, whichever date is sooner)
Annual Commission	Eight percent (8%) of sales from \$300,001 to \$400,000 Nine percent (9%) of sales from \$400,001 to \$500,000 Ten percent (10%) sales over \$500,000
Property Tax	Based on 442 sq ft leased area
Term	Ten (1) Years with the right to extend for two additional terms of five (5) years

In addition, Presse Café will make a capital investment to the Café area and pay for all hydro consumption.

### Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law #2004-341, Part II, Section 7 Non Competitive Procurement, item 1 (f) Where, for any reason, a call for tender does not result in the award of a contract.

### BACKGROUND

In 2013, the City issued a Request for Proposal (RFP) to the market to solicit bids for food and beverage services at Cornell CC&L; however, the RFP did not result in an award of a contract. Subsequently, in June 2014, through a report to Council, Staff received the following authorization:

*That the Chief Administrative Officer and Treasurer be authorized to negotiate and finalize an agreement with Presse Café to operate and manage the cafe areas at Cornell CC&L and Pan Am Centre in a form satisfactory to the City solicitor.*

Since this approval, Staff has been in negotiations with Presse Café and has recently finalized the agreement for the Pan Am Centre

### ENVIRONMENTAL CONSIDERATIONS

Presse Café has incorporated a zero waste policy and chooses effective solutions in regards of packaging products that are environment friendly.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	206-S-16 AMANDA Public Portal II and ProjectDox Integration Services
Date:	July 30, 2016
Prepared by:	Nabil Al-Hasan, Client Advisor, ext 2322 Rosemarie Patano, Senior Construction Buyer, ext 2990

### PURPOSE

To obtain approval to award the contract for the purchase of AMANDA Public Portal II and ProjectDox Integration Services

### RECOMMENDATION

Recommended Supplier	CSDC Systems Inc (Non Competitive Procurement)	
Current Budget Available	\$ 188,220.32	49-5350-16060-005 (Electronic Plan Implementation) Reduction of Avolve purchase order
Less Cost of Award	\$ 215,985.60	Inclusive of HST
Budget remaining after this award	(\$ 27,765.28)	*

\*The budget shortfall of \$27,765.28 will be funded from the uncommitted balance on the Electronic Plan Implementation project (current balance of \$614,568.18) and will not impact the overall project scope.

### Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 Non Competitive Procurement, item 1 (a) which states “Where there is only one source of supply for the goods to be purchased;”

### BACKGROUND

#### AMANDA Permitting System

The AMANDA permitting/licensing system has been in use at the City of Markham since 1995. Over the years, its use has significantly expanded with currently over 200 active users across 10 distinct client-facing business units, with Development Services Commission as the prime user, making it a crucial business application. The concurrent software licensing model in place enables the City to save on licensing costs as it allows as many users as the number of concurrent licenses purchased at any one time to access the application, rather than purchasing a license for each user, who may not be a full time user of the application. Currently, the City utilizes 106 concurrent AMANDA software licenses that are shared by all the users.

#### e-Plan Project

The City commenced a project in November 2015 with the winning bidder (Avolve) to implement an electronic-based system to automate the processes of land/development plan submission, circulation and review in the Development Services Commission as approved by Council (Contract Award 058-R-14). The project mainly involves the implementation of Avolve’s products to automate the processes of submitting Development Services applications with accompanying plans/drawings, circulation, reviewing, and approval of applications.

In their response to the project’s RFP, Avolve proposed the use of two of their products to achieve this: ProjectDox for plan/drawings upload and review, and OAS (Online Application Submission) for submitting application forms electronically. Both products require integration with the City’s permitting system (AMANDA).

The City has been working with Avolve to move forward with the project which started with a “discovery” of our specific business processes and finalizing a Statement of Work to help define specific deliverables, timelines etc. As part of this process, both organizations came to the understanding of the challenges to complete the project as originally planned, and revisited the scope of work, while city staff also explored other alternatives. Accordingly, both parties agreed that using Amanda Portal II, instead of Avolve’s OAS system (which they were in the process of developing), along with Avolve’s Project Dox system provides a viable alternative. The functionalities readily available in Amanda Portal II include: an Application Wizard, status of a folder or an inspection process, view and pay fees, view and schedule inspections, update personal information related to a specific account, upload or view attachments and provide a Map view of application location – which are needed for the project.

## DISCUSSION

The proposed approach will use the existing AMANDA system and Amanda Portal II (both CSDC products) and the Project Dox system (from Avolve) along with GIS and POS integration, in order to provide the complete electronic business process required as per the RFP.

Below is the rationale for using the Amanda Portal II, instead of the OAS, to meet our requirements:

1. Financial net operating savings of \$12,321.50/year (operating savings of \$26,567.90/year less maintenance cost of \$14,246.40/year)
2. By using AMANDA Portal II, an inspections module would be provided at no additional cost. This was an optional feature that Avolve had quoted approximately \$27,000 to develop for the City.
3. AMANDA Public Portal II is a proven product, utilized by other municipalities, with features that have already been developed and tested while Avolve's OAS product will be developed as part of the project.
4. Since applications will be submitted through AMANDA Public Portal II, existing workflows already established in AMANDA will be easily utilised.
5. Efforts to integrate with GIS and Point of Sale (for online payments) will not be required as the functionality are already built into AMANDA Portal II.
6. Less integration efforts will be required between ProjectDox and AMANDA.
7. Building on AMANDA Portal II for other functions across the organization (e.g. licenses) is much easier to do.
8. Eliminating the addition of a new application system (OAS) from the repertoire of the corporation's software reduces maintenance costs and streamlines support knowledge.
9. Ability to retain the appropriate vendor for the right solution: using Avolve only for their ProjectDox software, which they are thoroughly familiar with, and using CSDC for their Portal II module which is already on the market and integrates well with our systems.
10. Expected net savings in the software licenses and maintenance fees are described in the Financial Considerations section below.

Based on this approach, which provides a much better option to obtain to the same outcome for the City, acquiring the related licenses and retaining professional services for implementation by CSDC will be needed. The required software are solely provided by CSDC Systems who is also the vendor for the AMANDA system, currently used by the City. It is recommended that staff be permitted to award this work for a total of \$215,985.60 inclusive of HST to CSDC Systems, as the preferred vendor. Details of the licenses, professional services, and the associated cost are described in the following table:

Description	Price
AMANDA Software	\$60,000
Professional Services (includes integration efforts)	\$131,750
Training Services	\$6,500
First Year Maintenance	\$14,000
<b>Total</b>	<b>\$212,250</b>

## FINANCIAL CONSIDERATIONS

As discussed in the section above, the proposed option whereby the CSDC solution and services are used, instead of the original approach of using Avolve's OAS system, presents financial benefits to the City. The amount in reduction of the implementation costs will offset the amount of the award to CSDC, however, the operating budget impact would be reduced by approximately \$12,321.50/year (operating savings of \$26,567.90/year less maintenance cost of \$14,246.40/year). The annual maintenance cost of \$14,246.40 inclusive of HST will begin in the second year (Q3 2017) which will be charged to the Computer Software account #400-400-5361.

Staff recommend the purchase of the AMANDA Public Portal II and ProjectDox Integrations Services from CSDC Systems, including the first year maintenance fees, for the amount of \$215,985.60 inclusive of HST. The contract with Avolve will be reduced by \$188,220.32 and the additional capital funding of \$27,765.28 (\$215,985.60 -\$188,220.32) is available through the ePlan project.

## ENVIRONMENTAL CONSIDERATIONS

Not Applicable

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	295- T-15 Russell Dawson Park - Construction
Date:	June 09, 2016
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 Russell Dawson Park.

**RECOMMENDATION**

Recommended Supplier	Cambium Site Contracting Inc (Lowest Priced Supplier)	
Current Budget Available	\$ 987,900.00	081 5350 15305 005 Southwest Cathedral Monarch Park (Russell Dawson) - Construction
Less cost of award	\$ 685,216.73	Construction
	\$ 54,817.34	Contingency (8%)
	\$ 740,034.07	Total (Inclusive of HST)
	\$ 66,603.07	Internal Management Fee @ 9%
	\$ 806,637.14	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 181,262.86	*

\* The amount of \$40,000 will remain in the account to be used for unbudgeted future construction of a walkway connection and required grading adjacent to the property to the north, currently owned by the School Board. The School Board property is currently being rough graded however a site plan is not available. Remaining balance of \$141,262.86 will be returned to the original funding source.

**BACKGROUND**

Russell Dawson Park is located at 26 Russell Dawson Road north of Robert Osprey Drive.

The project involves the construction of landscaping works, which includes the following overview of project scope:

- Concrete and asphalt walkways;
- Planting and sodding;
- Pre-fabricated shade structure;
- Playground equipment with sand surfacing;
- Outdoor fitness equipment with rubber surfacing;
- Double basketball half courts;
- Poured in place concrete seat wall;
- Lighting and electrical service;
- Site furnishings;
- Site servicing;
- Fencing.

**BID INFORMATION**

Advertised	ETN
Bid closed on	May 31, 2016
Number picking up document	20
Number responding to bid	9

**PRICE SUMMARY**

<b>Suppliers</b>	<b>Bid Price (Inclusive of HST)</b>
<b>Cambium Site Contracting Inc.</b>	<b>\$ 685,216.73</b>
Loc Pav Construction Ltd.	\$ 750,789.86
Hawkins Contracting Services Limited	\$ 751,133.39
Melfer Construction Inc.	\$ 751,912.78
Mopal Construction Ltd.	\$ 782,987.23
Royalcrest Paving & Contracting Inc.	\$ 853,257.66
Pine Valley Corporation	\$ 880,591.99
CSL Group Ltd.	\$ 966,447.87
M&S Architectural Concrete Ltd.	\$ 1,059,656.55

The project is expected to be completed by May 2017 and the Operations Department has been 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)

**OPERATION AND MAINTENANCE 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 Russell Dawson Park is 1.35 hectares and the budgeted cost per hectare is \$8,584/ha. Therefore the annual operating and maintenance impact is approximately \$11,588.40 (1.35 x \$8,584/ha). This operating budget increase will be included in the 2017 Operating budget, subject to Council approval.

**STAFF AWARD REPORT**

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	078-T-16 Vinegar Hill Parkette - Construction
Date:	June 14, 2016
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 Vinegar Hill Parkette.

**RECOMMENDATION**

Recommended Supplier	Forest Ridge Landscaping Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 348,759.51	081 5350 14025 005 Linear Park Hwy 48 (Vinegar Hill Parkette) - Construction
Less cost of award	\$ 211,347.79	Construction
	\$ 14,794.35	Contingency (7%)
	\$ 226,142.13	Total (Inclusive of HST)
	\$ 20,352.79	Internal Management Fee @ 9%
	\$ 246,494.92	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 102,264.59	*

\* Remaining balance of \$102,264.59 will be returned to the original funding source.

**BACKGROUND**

Vinegar Hill Parkette is located at 25 Main Street Markham South. The project involves the construction of landscaping works, which includes the following overview of project scope:

- Site preparation and grading of site;
- Concrete paving;
- Planting and sodding;
- Site furnishings.
- Masonry walls
- Woodlot mulch
- Steel Fencing

**BID INFORMATION**

Advertised	ETN
Bid closed on	June 07,2016
Number picking up document	15
Number responding to bid	6

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Forest Ridge Landscaping Inc.</b>	<b>\$ 211,347.79</b>
Cedargreen Landscape Contractors Ltd.	\$ 249,189.89
Gerd Hermanns Landscape Contractor Inc.	\$ 264,021.41
Hawkins Contracting Services Limited	\$ 313,305.62
Royal Crest Paving & Contracting Ltd.	\$ 319,832.20
Mopal Construction Limited	\$ 364,304.87

The project is anticipated to be completed by October 2016 and the Operations Department has been 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)

**OPERATIONS AND MAINTENANCE 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 Vinegar Hill Parkette is 0.17 hectares and the budgeted cost per hectare is \$8,584/ha. Therefore the annual operating and maintenance impact is approximately \$1,459.28 (0.17 ha x \$8,584/ha). This operating increase will be added to the 2017 Operating budget, subject to Council approval.



## STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner, Commissioner Development Services
Re:	129-T-16 Main Street Milliken NW Parkette - Construction
Date:	August 09, 2016
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 Main Street Milliken NW Parkette

### RECOMMENDATION

Recommended Supplier	Loc Pav Construction Ltd. (Lowest Priced Supplier)	
Current Budget Available	\$ 258,720.22	081-5350-16032-005 & 081-5350-16028-005
Less cost of award	\$ 211,022.76	Construction
	\$ 14,771.59	Contingency (7%)
	\$ 225,794.36	Total (Inclusive of HST)
	\$ 20,321.49	Internal Management Fee @ 9%
	\$ 246,115.85	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 12,604.37	*

\* Remaining balance of \$12,604.37 will be returned to the original funding source.

### BACKGROUND

Main Street Milliken NW Parkette is located at 297 Aldergrove Drive, Markham.

The park will consist of the following features:

- Site preparation and grading of site;
- Concrete paving;
- Planting and sodding;
- Site furnishings.
- Trellises
- Play Structures
- Servicing

### BID INFORMATION

Advertised	ETN
Bid closed on	August 04, 2016
Number picking up document	15
Number responding to bid	9

### PRICE SUMMARY

Suppliers	Bid Price (Inclusive of HST)
<b>Loc Pav Construction Ltd</b>	<b>\$ 211,022.76</b>
Melfer Construction Inc.	\$ 212,353.28
Mopal Construction Limited	\$ 223,113.89
Hawkins Contracting Services Limited	\$ 229,413.35
CSL Group Ltd.	\$ 236,575.07
Euro Landscape Construction & Grounds Inc.	\$ 243,079.20
Lomco Limited	\$ 248,999.09
TDI International Ag Inc. dba Eco Blue Systems	\$ 251,367.66
Royal Crest Paving Contracting Ltd.	\$ 252,494.04



The project is anticipated to be completed by November 2016 and the Operations Department has been consulted during the process.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account #</b>	<b>Budget Available</b>	<b>Cost of Award</b>	<b>Budget Remaining</b>
Main Street Milliken NW Parkette	081-5350-16032-005	\$237,358.00	\$225,794.36	\$11,563.64
Design Internal Project Management	081-5350-16028-005	\$21,362.22	\$20,321.49	\$1,040.73
<b>Total</b>		<b>\$258,720.22</b>	<b>\$246,115.85</b>	<b>\$12,604.37</b>

The remaining budget of \$12,604.37 will be returned to the original funding source.

**ENVIRONMENTAL CONSIDERATIONS**

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

- Plant materials ( i.e. shrubs and trees are non-invasive and many of which are native species)

**OPERATION AND MAINTENANCE 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 Main Street Milliken NW Parkette is 0.3 hectares and the budgeted cost per hectare is \$8,584/ha. Therefore the annual operating and maintenance impact is approximately \$2,575.20 (0.3 ha x \$8,584/ha). This operating increase will be added to the 2017 Operating budget, subject to Council approval.



## STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner, Development Services
Re:	139-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	June 21, 2016
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)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 8 locations) FDM Contracting Co. Ltd. (Lowest Priced Supplier - 1 location) VM DiMonte Construction Limited (Lowest Priced Supplier - 1 location)	
Less Cost of Award	\$ 150,350.00 \$ <u>19,545.50</u> \$ 169,895.50	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;

- 10 Emily Carr – Water, sanitary and storm sewer connections
- 10 Glenbourne Park Drive – Water connection
- 18 Laureleaf Road – Water and sanitary sewer connections
- 22 Apricot Street – Sanitary and Storm sewer connections
- 36 Elm Street – Sanitary and Storm sewer connections
- 59 Highland Park Blvd. - Water, sanitary and storm sewer connections
- 62 Forester Crescent – Water, sanitary and storm sewer connections
- 72 Highland Park Boulevard – Water, sanitary and storm sewer connections
- 108 Morgan Avenue – Water, sanitary and storm sewer connections
- 146 Krieghoff Avenue – Water, sanitary and storm sewer connections

### BID INFORMATION

Advertised	ETN
Bids closed on	June 2, 2016
Number picking up bid documents	7
Number responding to bid	4

**PRICE SUMMARY (Exclusive of HST)**

<b>Locations</b>	<b>NSJ Waterworx Group Ltd.</b>	<b>FDM Contracting Co. Ltd.</b>	<b>V.M. DiMonte Construction Limited</b>	<b>Vertical Horizons Contracting Inc</b>
10 Emily Carr	<b>\$16,350</b>	\$21,500	\$24,600	\$22,450
10 Glenbourne Park Drive	\$5,500	<b>\$4,000</b>	\$4,800	\$ 5,600
18 Laureleaf Road	<b>\$13,700</b>	\$28,000	\$17,400	\$14,575
22 Apricot Street	\$26,200	\$34,000	<b>\$19,100</b>	\$30,500
36 Elm Street	<b>\$13,700</b>	\$21,000	\$25,600	\$19,075
59 Highland Park Blvd.	<b>\$16,000</b>	\$73,250	\$46,400	\$37,750
62 Forester Crescent	<b>\$21,000</b>	\$23,000	\$34,400	\$22,200
72 Highland Park Boulevard	<b>\$15,000</b>	\$42,500	\$28,800	\$17,825
108 Morgan Avenue	<b>\$15,000</b>	\$26,001	\$21,800	\$20,550
146 Krieghoff Avenue	<b>\$16,500</b>	\$24,000	\$25,800	\$17,700

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	140-T-16 Construction of the Verdale Crossing Bridge
Date:	July 5, 2016
Prepared by:	Nehal Azmy, Sr. Capital Works Engineer Ext. 2197 Tony Casale, Sr. Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the contract for Part 'A' construction and Part 'B' contract administration, inspection and material testing for the Verdale Crossing Bridge.

**PART A: RECOMMENDATION: Construction award**

Recommended Suppliers	KAPP Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 7,878,294.38	083-5350-16052-005 Verclaire Crossing at Rouge River Developer Funding Agreements
	\$ 331,705.62	
	\$ 8,210,000.00	
Less cost of award	\$ 7,112,407.54	Cost of Award
	\$ 533,430.57	Contingency (7.5%)*
	\$ 560,013.51	Engineering Dept. Project Management Fee
	\$ 8,205,851.62	Total Cost of Award (Inclusive of HST)
	\$ 4,148.38	**

\*A contingency of 7.5% is recommended due to the sensitivity of the project (i.e., works within an indirect endangered species habitat). Staff will continue to work with the Ministry of Natural Resources and Forestry ("MNR") to ensure that work is completed in accordance with the *Endangered Species Act*.

\*\* The remaining budget of \$4,148.38 will be returned to the original funding source.

**PART B: RECOMMENDATION: Contract administration, inspection and material testing award**

Recommended Supplier	Aecom Canada Ltd. (Highest Ranked /Second Lowest Priced Supplier )	
Current Budget Available	\$ 550,000.00	083-5350-16052-005 Verclaire Crossing at Rouge River
Less cost of award	\$ 462,415.76	Contract Administration & inspection
	\$ 46,241.58	Contingency (10%)
	\$ 37,256.21	Engineering Dept. Project Management Fee
	\$ 545,913.55	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 4,086.45	*

\* The remaining budget of \$4,086.45 will be returned to the original funding source.

**BACKGROUND****Part A – Construction Award**

This project involves construction of the Verdale Extension from Rougeside Promenade to Rouge Valley Drive. The scope of work includes the following:

- Construction of a bridge structure crossing over the Rouge River .The bridge is 70 metres in length. The works is in the regulated Redside Dace habitat of the Rouge River and is to be undertaken in compliance with the Toronto Region Conservation Authority (TRCA) and the Ministry of Natural Resources and Forestry (MNR) permits;
- Construction of roadwork with 4 vehicular lanes, two bicycle lanes and a sidewalk on both sides of the bridge which connects to the existing intersections which are constructed by adjacent Developers;
- Installation of a new storm sewer;
- Installation of street lights and the provision for future traffic signals at Verdale Crossing/ Rouge River Valley Drive;
- Landscaping.

It is anticipated that construction will commence in July 2016 and bridge completion and road pavement to base asphalt be completed by November 2017.

**Part A – Construction Award (Continued)**

Due to the complexity of the project, contractors were prequalified to ensure that they have the necessary qualifications, experience and resources to complete the work in accordance with the City of Markham requirements and within the specified timelines. Prequalification 084-P-16 was issued in accordance with the Supplier Pre-qualification Policy and Purchasing By-law 2004-341.

**PRE-QUALIFICATION INFORMATION (084-P-16)**

Advertised	ETN
Pre-qualification closed on	March 31, 2016
Number of contractors picking up bid documents	24
Number of contractors responding to bid	10
Number of contractors prequalified	8

**BID INFORMATION (140-T-16)**

Advertised	ETN
Bid closed on	June 16, 2016
Number picking up document	8
Number responding to bid	8

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>KAPP Contracting Inc.</b>	<b>\$ 7,112,407.54</b>
Toronto Zenith Contracting Limited	\$ 7,240,557.77
Brennan Paving & Construction Ltd.	\$ 7,307,334.21
Aecon Construction and Materials Limited	\$ 7,358,905.06
Dagmar Construction	\$ 7,445,034.47
Grascan Construction Ltd.	\$ 7,499,712.00
Soncin Construction	\$ 7,609,820.90
Graham Bros. Construction Limited	\$ 8,083,218.18

**Part B - Construction Inspection, Contract Administration, Environmental Inspection and Material Testing**

In June 2014, the City issued Bid 111-R-14 for consulting engineering services for detailed design, contract administration and inspection services for the Verdale Crossing bridge. The highest ranked /second lowest priced supplier, Aecom Canada Ltd. ("Aecom"), was awarded the contract for detailed design however the contract administration and inspection services were not awarded at that time. Staff advised that they would seek additional funding in 2015 for this requirement.

Pricing provided by Aecom on RFP # 111-R-14 for contract administration and inspection services amounted to \$277,601.28 (Inclusive of disbursements and HST), however the following additional requirements have been identified by the environmental agencies during the design phase of the project which require an additional \$184,814.47 (inclusive of disbursements and HST):

- Full time additional daily inspection by a Senior Construction Inspector (\$68,789.76, incl. HST).
- Contract administration services related to the Overall Benefit (OB) scope added to the project (\$20,657.28, incl. HST).
- Additional material testing due to soil conditions/foundation testing (\$48,539.52, incl. HST).
- Increased level of shop drawing review related to increased design complexities (\$8,442.01, incl. HST).
- Added environmental inspection and MNRF weekly reporting (\$38,385.91, incl. HST).

**Part B - Construction Inspection, Contract Administration, Environmental Inspection and Material Testing**

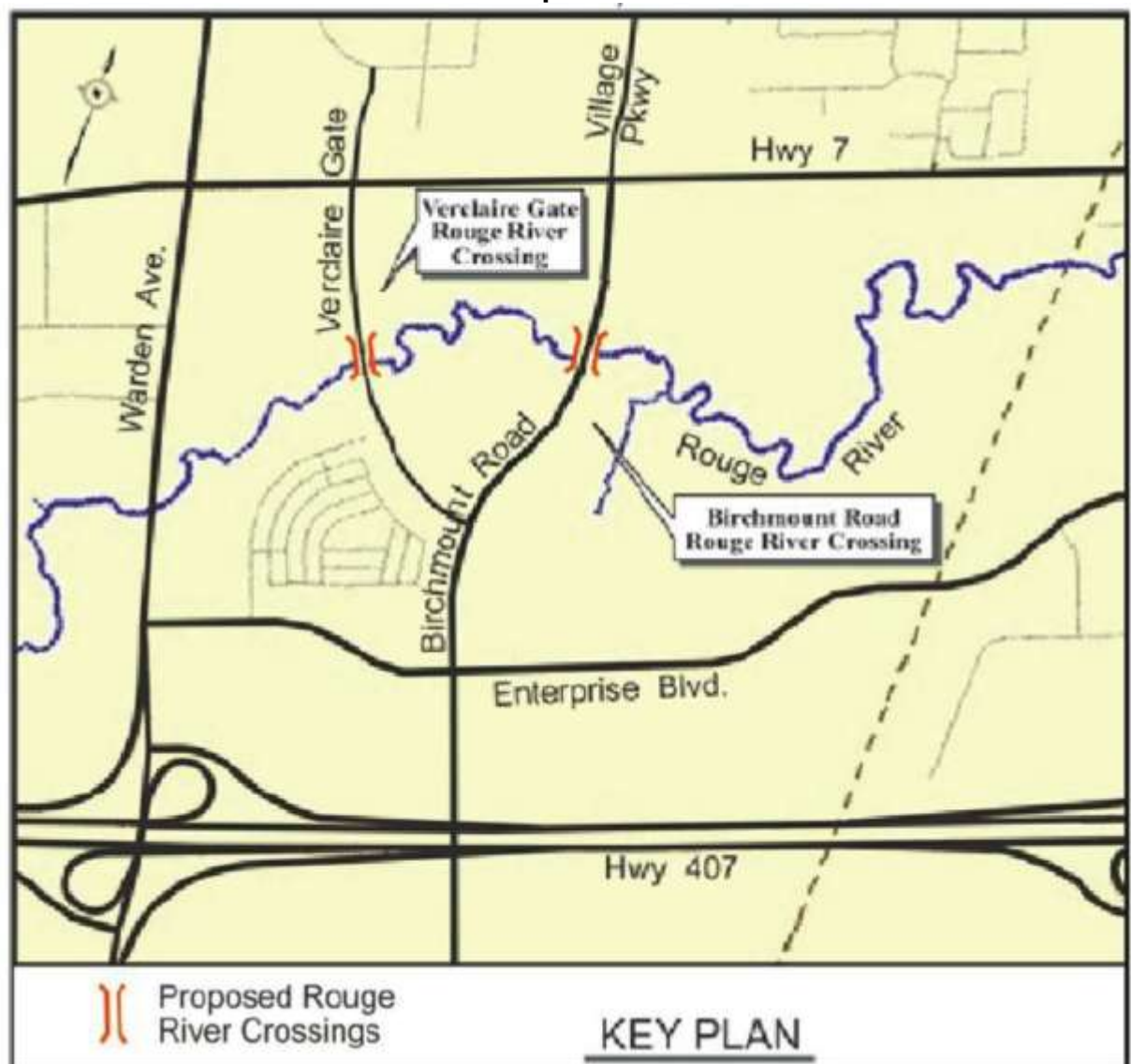
The price submitted by Aecom for contract administration and inspection services is \$462,415.75 inclusive of HST (\$277,601.28 + \$184,814.47) which is approximately 6.7% of the construction budget. Staff reviewed projects with similar size and complexity and found that fees for similar projects ranged between 6-7% of the construction budget. Given Aecom's experience, qualifications, price and previous performance on similar project (i.e., Birchmount Crossing over the Rouge River), staff is recommending that Aecom be retained to provide construction inspection, contract administration, environmental inspection and materials testing for this project.

**ENVIRONMENTAL CONSIDERATIONS**

City staff and its consultant have followed up with the Ministry of Natural Resources and Forestry (MNRF), the Ministry of Environment (MOE) and the Toronto Conservation Authority (TRCA) on its permit application. Revised reports that incorporated comments from the agencies have been submitted accordingly. All technical issues and concerns from MNRF have now been addressed. It is anticipated that MOE, MNRF and TRCA permits will be received by July 2016.

**ATTACHMENT:** Location map – Verdale Crossing over the Rouge River

**Location Map**





## STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner, Development Services
Re:	166-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	June 27, 2016
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)	Vertical Horizons Contracting Inc. (Lowest Priced Supplier - 9 locations) NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 1 location) VM DiMonte Construction Limited (Lowest Priced Supplier - 1 location)	
Less Cost of Award	\$ 152,700.00 \$ 19,851.00 \$ 172,551.00	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;

- 5 Ridgevale Drive – Water connection
- 6 Hughson Drive – Water, sanitary and storm sewer connections
- 9A Sabiston Drive – Water and sanitary sewer connections
- 9B Sabiston Drive – Water and sanitary sewer connections
- 13 St. Andres Court - Water, sanitary and storm sewer connections
- 22 Windridge Drive - Storm sewer connection
- 24 Rouge Street - Water and sanitary sewer connections
- 27 Limcombe Drive - Water and sanitary sewer connections
- 36 Wembley Avenue - sanitary sewer connection
- 55 Rouge Drive - Sanitary and storm sewer connections
- 231 Carlton Road - Water, sanitary and storm sewer connections

### BID INFORMATION

Advertised	ETN
Bids closed on	June 16, 2016
Number picking up bid documents	5
Number responding to bid	4

**PRICE SUMMARY (Exclusive of HST)**

Locations	Vertical Horizons Contracting Inc	NSJ Waterworx Group Ltd.	V.M. DiMonte Construction Limited	Dig Con International Limited
5 Ridgevale Drive	<b>\$ 4,025.00</b>	\$ 7,500.00	\$ 8,800.00	\$ 25,000.00
6 Hughson Drive	\$28,375.00	<b>\$19,000.00</b>	\$20,300.00	\$ 85,000.00
9A Sabiston Drive	<b>\$ 12,700.00</b>	\$ 16,400.00	\$ 15,200.00	\$ 54,000.00
9B Sabiston Drive	<b>\$ 11,650.00</b>	\$ 16,500.00	\$ 13,400.00	\$ 38,000.00
13 St. Andres Court	\$ 28,850.00	\$ 34,900.00	<b>\$ 26,000.00</b>	\$110,000.00
22 Windridge Drive	<b>\$ 7,225.00</b>	\$ 9,900.00	\$ 11,600.00	\$ 33,000.00
24 Rouge Street	<b>\$ 17,125.00</b>	\$ 20,850.00	\$ 21,400.00	\$ 70,000.00
27 Limcombe Drive	<b>\$ 13,950.00</b>	\$ 17,250.00	\$ 17,600.00	\$ 80,000.00
36 Wembley Avenue	<b>\$ 8,825.00</b>	\$ 10,700.00	\$ 14,600.00	\$ 50,000.00
55 Rouge Drive	<b>\$ 16,700.00</b>	\$ 23,200.00	\$ 25,000.00	\$108,000.00
231 Carlton Road	<b>\$ 15,500.00</b>	\$ 17,200.00	\$ 21,400.00	\$ 73,000.00



**STAFF AWARD REPORT****Page 1 of 2**

To:	Jim Baird, Commissioner, Development Services
Re:	174- T-16 Cornell Madison Rouge Blvd. Park South - Construction
Date:	July 28, 2016
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 Cornell Madison Rouge Blvd. South Park.

**RECOMMENDATION**

Recommended Supplier	Hawkins Contracting Services Limited (Lowest Priced Supplier)	
Current Budget Available	\$ 405,151.71	See 'Financial Considerations'
Less cost of award	\$ 262,246.00	Construction
	\$ 18,357.22	Contingency (7%)
	\$ 280,603.22	Total (Inclusive of HST)
	\$ 25,254.29	Internal Management Fee @ 9%
	\$ 305,857.51	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 99,294.20	*

\* Remaining balance of \$99,294.20 will be returned to the original funding source.

**BACKGROUND**

Cornell Madison Rouge Blvd. Park South is located in an area bounded by William Forster Road, Webb Street and Sunnyside Hill Road.

The park will consist of the following:

- Site preparation and grading of site
- Concrete and Limestone Screenings Walkways
- Planting and sodding
- Play Area with equipment for Junior Play (5 - 12yrs)
- Site furnishings
- Groundcover, grass and small vegetation removal
- Mulch Placement under Heritage Tree
- Small, low Timber Bridge Construction

**BID INFORMATION**

Advertised	ETN
Bid closed on	July 28, 2016
Number picking up document	21
Number responding to bid	8

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Hawkins Contracting Services Limited</b>	<b>\$ 262,246.00</b>
Melfer Construction Inc.	\$ 268,820.09
CSL Group Ltd.	\$ 339,583.80
Orin Contractors Corp.	\$ 345,353.75
Euro Landscape Construction	\$ 346,120.36
Forest Ridge Landscaping Inc.	\$ 352,106.64
Pine Valley Corporation	\$ 378,829.31
Royal Crest Paving Ltd.	\$ 478,920.21

**PRICE SUMMARY (CONTINUED)**

The project is anticipated to be completed by **October 2016** and the Operations Department has been consulted during the process.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account #</b>	<b>Budget Available</b>	<b>Cost of Award</b>	<b>Budget Remaining</b>
Cornell Madison Rouge South Park - Construction	081-5350-16026-005	\$371,698.82	\$280,603.22	\$ 91,095.60
Design Internal Project Management	081-5350-16028-005	\$33,452.89	\$25,254.29	\$ 8,198.60
<b>Total</b>		<b>\$ 405,151.71</b>	<b>\$305,857.51</b>	<b>\$ 99,294.20</b>

The remaining budget of \$ 99,294.20 will be returned to the original funding source.

**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)

**OPERATIONS AND MAINTENANCE 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 Cornell Madison Rouge Blvd. South Park is 0.56 hectares and the budgeted cost per hectare is \$8,584/ha. Therefore the annual operating and maintenance impact is approximately \$4,807.04 (0.56 ha x \$8,584/ha). This operating increase will be added to the 2017 Operating budget, subject to Council approval.



## STAFF AWARD REPORT

Page 1 of 2

To:	Alan Brown, Acting Commissioner, Development Services
Re:	191-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	July 27, 2016
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)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 8 locations) VM DiMonte Construction Limited (Lowest Priced Supplier - 1 location) FDM Contracting Co. Ltd. (Lowest Priced Supplier - 1 location)	
Less Cost of Award	\$ 218,200.00	Cost of award (Excl. of HST )*
	\$ 28,366.00	HST (13%) **
	\$ 246,566.00	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;

- 5 Trumpour Court – Water, sanitary and storm sewer connections
- 9 Fairway Heights Crescent – Water, sanitary and storm sewer connections
- 28 Parkway Avenue – Water, sanitary and storm sewer connections
- 30 Elm Street – Water, sanitary and storm sewer connections
- 51 Grandview Avenue - Water, sanitary and storm sewer connections
- 64 Summerfeldt Crescent - Water, sanitary and storm sewer connections
- 68 Liebeck Crescent - Water, sanitary and storm sewer connections
- 75 Woodward Avenue - Water, sanitary and storm sewer connections
- 78 Parkway Avenue - Water, sanitary and storm sewer connections
- 114 Highland Park Boulevard - Water, sanitary and storm sewer connections

### BID INFORMATION

Advertised	ETN
Bids closed on	July 21, 2016
Number picking up bid documents	5
Number responding to bid	4

**PRICE SUMMARY (Exclusive of HST)**

<b>Locations</b>	<b>NSJ Waterworx Group Ltd.</b>	<b>V.M. DiMonte Construction Limited</b>	<b>Vertical Horizons Contracting Inc</b>	<b>FDM Contracting Co. Ltd.</b>
5 Trumpour Court	<b>\$ 16,700</b>	\$ 26,500	\$ 36,807.41	\$ 29,500
9 Fairway Heights Crescent	\$ 44,900	<b>\$ 43,100</b>	\$ 88,014.44	\$ 65,000
28 Parkway Avenue	<b>\$ 19,900</b>	\$ 25,500	\$ 37,662.17	\$ 25,500
30 Elm Street	\$ 17,200	\$ 24,000	\$ 28,816.02	<b>\$ 6,500</b>
51 Grandview Avenue	<b>\$ 17,700</b>	\$ 24,000	\$ 37,086.38	\$ 23,500
64 Summerfeldt Crescent	<b>\$ 15,800</b>	\$ 29,300	\$ 32,871.23	\$ 24,000
68 Liebeck Crescent	<b>\$ 13,700</b>	\$ 24,000	\$ 29,521.24	\$ 23,000
75 Woodward Avenue	<b>\$ 18,300</b>	\$ 31,000	\$ 39,655.52	\$ 20,300
78 Parkway Avenue	<b>\$ 44,900</b>	\$ 55,300	\$ 83,917.49	\$ 76,000
114 Highland Park Boulevard	<b>\$ 21,600</b>	\$ 31,300	\$ 50,321.99	\$ 29,000



## STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner, Development Services
Re:	216-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	September 1, 2016
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)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 6 locations) FDM Contracting Co. Ltd. (Lowest Priced Supplier - 1 location)	
Less Cost of Award	\$ 112,350.00	Cost of award (Excl. of HST )*
	<u>\$ 14,605.50</u>	HST (13%) **
	\$ 126,955.50	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;

- 16 Lee Avenue – Sanitary and storm sewer connections
- 34 Woodward Avenue - Water, sanitary and storm sewer connections
- 35 Lincoln Green Drive - Water, sanitary and storm sewer connections
- 38 Noble Street - Sanitary and storm sewer connections
- 79 Elgin Street - Sanitary sewer connections
- 104 John Street – Water and Sanitary sewer connections
- 111 Clark Avenue - Water, sanitary and storm sewer connections

### BID INFORMATION

Advertised	ETN
Bids closed on	August 25, 2016
Number picking up Bid documents	7
Number responding to Bid	6

**PRICE SUMMARY (Exclusive of HST)**

<b>Locations</b>	<b>NSJ Waterworx Group Ltd.</b>	<b>V.M. DiMonte Const. Limited</b>	<b>Vertical Horizons Contracting Inc</b>	<b>FDM Cont. Co. Ltd.</b>	<b>Alwahesh Contracting Inc</b>	<b>Vic's Group Inc.</b>
16 Lee Avenue	<b>\$15,200.00</b>	\$24,200.00	\$32,324.73	\$17,530.00	\$29,000.00	\$43,482.00
34 Woodward Avenue	<b>\$17,150.00</b>	\$32,700.00	\$48,201.62	\$17,700.00	\$34,300.00	\$43,139.00
35 Lincoln Green Drive	<b>\$13,750.00</b>	\$30,700.00	\$33,370.51	\$16,950.00	\$32,800.00	\$40,447.00
38 Noble Street	<b>\$20,700.00</b>	\$28,200.00	\$35,420.73	\$40,800.00	\$28,000.00	\$33,839.00
79 Elgin Street	<b>\$12,000.00</b>	\$19,200.00	\$31,288.56	\$18,300.00	\$17,400.00	\$14,957.00
104 John Street	\$17,200.00	\$29,500.00	\$30,649.19	<b>\$15,000.00</b>	\$30,600.00	\$26,359.00
111 Clark Avenue	<b>\$18,550.00</b>	\$32,700.00	\$46,552.56	\$19,600.00	\$33,000.00	\$39,585.00



## STAFF AWARD REPORT

Page 1 of 3

To:	Jim Baird, Commissioner, Development Services
Re:	121-Q-16: Detailed Design and Construction Administration Services for Erosion Restoration at Rouge River and Robinson Creek
Date:	June 24, 2016
Prepared by:	Alberto S. Lim, Sr. Capital Works Engineer. Ext. 2860 Tony Casale, Senior Construction Buyer, ext. 3190

### PURPOSE

To obtain approval to award the contract for consulting services for detailed design and construction administration services for erosion restoration at Rouge River and Robinson Creek.

### RECOMMENDATION

Recommended Supplier	Aquafor Beech Limited (Highest Ranked/ Third Lowest Priced Supplier)	
Current Budget Available	\$ 108,000.00	640-101-5699-15043 Downstream Improvement Work Program
Less cost of award	\$ 84,180.96	(Incl. of HST)
	\$ 8,418.09	Contingency @ 10%
	\$ 92,599.05	Total Cost of Award (Incl. of HST)
	\$ 13,889.85	Internal Management Fee @ 15%
	\$ 1 06,488.90	Total Project Cost
Budget Remaining after award	\$ 1,511.10	*

\* The remaining budget will be returned to the original funding source.

### BACKGROUND

In 2014, the City-wide Stream Erosion Restoration Master Study Update was undertaken by the City in conformity with the Municipal Class Environmental Assessment process to establish existing and potential future erosion conditions in the City's watercourses and to identify potential restoration strategies.

This study prioritized a list of sites with specific erosion problems deemed to require remedial works in the near future. This Request for Quotation was issued to retain a consultant to proceed with detailed design and construction administration services for erosion restoration at Rouge River and Robinson Creek for restoration of the proposed sites referenced below;

#### **Erosion Site 1: Robinson Creek**

A large beaver dam is obstructing the channel and is causing upstream flooding. The flooding area encompasses sewer pipe alignment and is in close proximity to a manhole. The purpose of the work is to investigate the proximity of the sewer and assess potential impact of flooding on the sewer and also to reinstate the natural channel by removing the beaver dam if flooding of the manhole is a concern.

#### **Erosion Site 2: Robinson Creek adjacent to Markham Road**

The purpose of the proposed restoration work is to enhance slope stability along the outside bend, investigate sewer proximity to the undercutting and scouring and assess the potential impact of erosion on the sewer.

#### **Erosion Site 3: Rouge River (R-ES-07) north of 14<sup>th</sup> Avenue**

The purpose of the proposed restoration work is to stabilize the slope and promote sediment deposition by installing rock armour at the toe of the streambank. Also, re-grade the stream bank to stabilize the slope and place topsoil and other material in order to sustain plant growth.

It is anticipated that the study will commence in June 2016 and be completed by January 2017.

## **BID INFORMATION**

Advertised	ETN
Bids closed on	May 16, 2016
Number picking up bid documents	21
Number responding to bid	9

## **PROPOSAL EVALUATION**

The evaluation team was comprised of staff from the Engineering Department with Purchasing staff acting as the facilitator. The evaluation was based on pre-established evaluation criteria as outlined in the Request for Quotation: 20% qualifications and experience of the consulting firm, 20% qualifications and experience of the project manager and team, 30% project management and 30% price, totaling 100%, with the resulting scores as follows:

<b>Suppliers</b>	<b>Total Score (100 points)</b>
<b>Aquafor Beech Limited</b>	92.17
GHD Limited	88.33
Cole Engineering Group Ltd.	85.02
Beacon Environmental Limited	83.00
EcoSystem Recovery Inc.	75.78
Parsons Inc.	69.87
Greck & Associates Limited	67.29
Stantec Consulting Ltd.	56.00
Matrix Solutions Inc.	55.00

Note: Bid prices ranged from to \$76,928 to \$201,146 (Inclusive of HST).

Staff is recommending the highest ranked / third lowest priced supplier (Aquafor Beech Limited) as their proposal satisfactorily demonstrated their experience and capability to undertake projects of similar size and scope. They have a good understanding of the project related requirements, provided satisfactory methodology and work plan.

## **ENVIRONMENTAL CONSIDERATIONS**

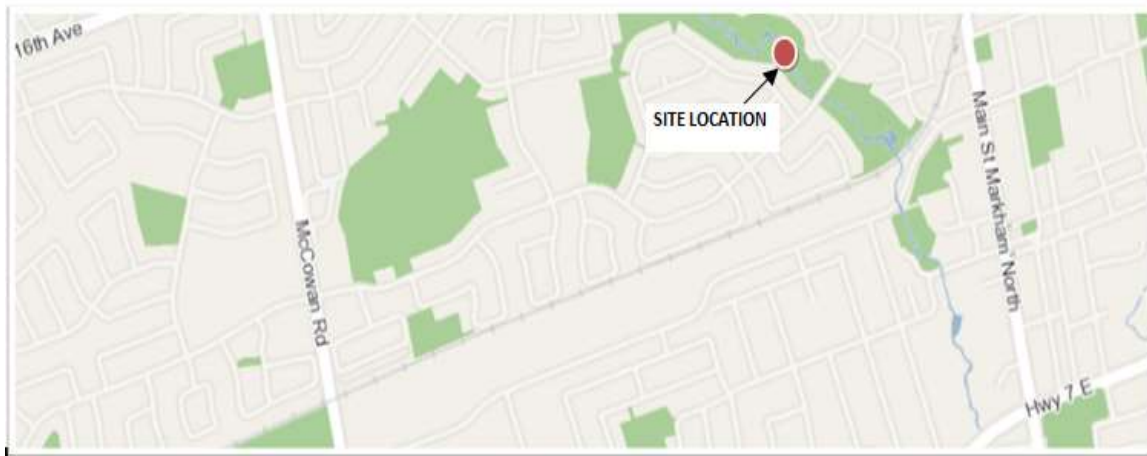
In 2013, the City initiated the City-Wide Stream Erosion Master Study Update to re-examine previously identified erosion concerns. Following a screening level analysis, the three sites indicated here were included in the Top 30 Erosion Sites that require erosion restoration. Restoration alternatives were provided for each of the 30 sites following detailed analyses of existing site conditions. Council approved the study Class EA report on September 23/24, 2014. The designs for these three sites will review the proposed remediation noted in the Study report including the removal of a beaver dam in one of the sites. The works in removing the beaver dam will require coordination with both the TRCA and MNRF for approval.

## **ATTACHMENTS**

Location Plans



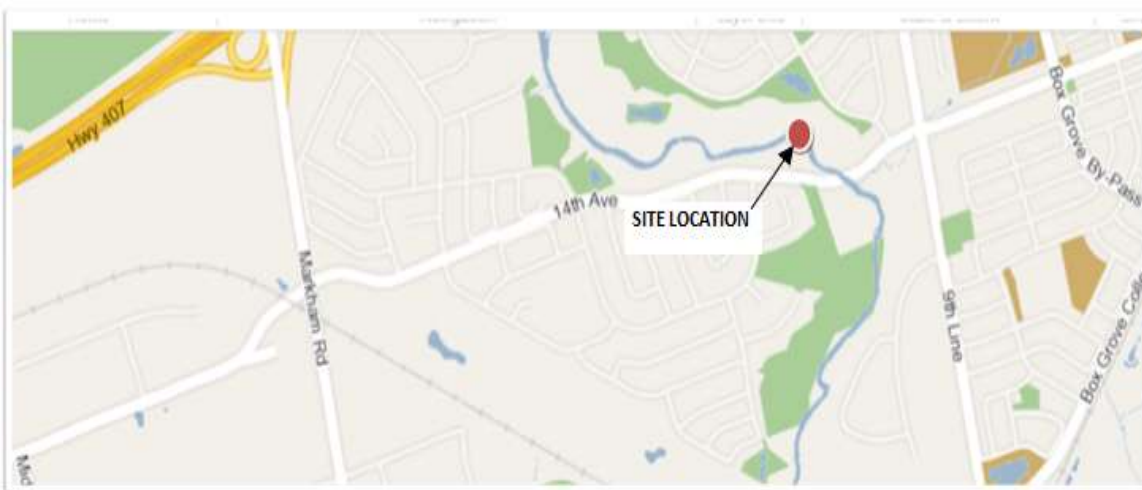
LOCATION PLAN - FIGURE 1: ROBINSON CREEK



LOCATION PLAN - FIGURE 2: ROBINSON CREEK ADJACENT TO MARKHAM ROAD



LOCATION PLAN - FIGURE 3: ROUGE RIVER NORTH OF 14<sup>TH</sup> AVENUE





## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	183-S-16 Buttonville Redevelopment – OMB Mediation and Hearing
Date:	July 20, 2016
Prepared by:	Henry Lo, Senior Transportation Engineer, Ext. 4030 Tony Casale, Senior Construction Buyer, Ext. 3190

### PURPOSE

To obtain approval to extend the contract for consulting engineering services for a peer review of ongoing transportation studies and OMB-related work for the Buttonville redevelopment.

### RECOMMENDATION

Recommended Supplier	RJ Burnside & Associates Limited (Non Competitive Procurement)	
Current Budget Available	\$ 100,000.00	640-101-5399-14047 OMB Hearings/Peer Review
Less cost of award	\$ 90,047.42	(Incl. of Disbursements and HST)*
	\$ 9,004.74	Contingency @ 10%
	\$ 99,052.16	Total Cost of Award (Excl. of HST)
Budget Remaining after this award	\$ 947.84	**

\*The fees will be billed on a time and expense basis utilizing RJ Burnside & Associates Limited 2015 hourly rates.

\*\*The remaining budget of \$947.84 will be returned to the original funding source.

### Staff further recommends:

That the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 Non Competitive Procurement Item (1)

(c) When the extension of an existing contract would prove more cost-effective or beneficial;

And

(h) “Where it is necessary or in the best interests of the City to acquire Consulting Services from a supplier who has a proven track record with the City in terms of pricing, quality and service.”

### BACKGROUND

On October 17, 2011, Buttonville Properties LP (“Cadillac Fairview”) made an official plan amendment application to obtain the City’s approval of a new Secondary Plan to permit redevelopment of the Buttonville Airport as a business park and a mixed-use area consisting of retail and high density residential uses.

During the process the City retained RJ Burnside & Associates Limited to conduct a transportation study peer review in the amount of \$18,800. The funding for this peer review work was provided for under a memorandum of understanding (“MOU”) between the City and Cadillac Fairview to pay for certain reviews in order to expedite the application review.

While work was progressing on the peer review, it was identified that the scope of work would exceed the originally contemplated work due to numerous responses required on the peer review, additional meetings, increased complexity of the transportation analysis and increased urgency for the review due to the OMB appeal process. In 2015, Staff increased the award amount to RJ Burnside & Associates Limited by \$22,000 (\$18,800 + \$22,000 = \$40,800).

Subsequent to the last increase in 2015, this project has evolved and RJ Burnside is representing the City at meetings with Cadillac Fairview’s Consultant (MMM Group), York Region, the Region’s peer review consultant and the Town of Richmond Hill.

**BACKGROUND (Continued)**

Staff is recommending extending the contract with RJ Burnside on a time and expense basis to an upset limit of \$90,047.42 (Inclusive of Disbursements and HST) for the following consulting services:

- i) Peer review of new transportation forecasts and analyses for Phase 1 (2021) and full development (2031) of Buttonville
- ii) Peer review of proposed transportation improvements (road, transit, TDM), strategies, and phasing.
- iii) Peer review of technical designs.
- iv) Peer review of funding proposal for transportation network improvements and other initiatives/strategies.
- v) Expert advice to City staff.
- vi) Continuing attendance at the Transportation Working Group meetings/workshops with York Region, Town of Richmond Hill, MTO and the Applicant's transportation consultants.
- vii) Attendance of OMB Mediation and Hearing (if required).

**DISCUSSION**

Given RJ Burnside's ongoing involvement, staff requested pricing from RJ Burnside to provide a peer review of the transportation studies and any OMB-related work for the Buttonville redevelopment. Staff reviewed the consultant's proposal and recommends RJ Burnside to undertake the assignment for the following reasons:

- **Experience** – RJ Burnside (and its Principal and Project Manager, David Argue) has extensive project experience in conducting peer reviews on transportation studies for developments; is a recognized expert in the field; and has testified at the OMB on behalf of numerous public sector clients. He has recently represented the City in the peer review of other applications. In addition they have also completed peer review assignments for other public sector clients including the Town of Richmond Hill, Town of Ajax, City of Kingston, Ministry of Transportation, City of Kawartha Lakes, Woolwich Township, Municipality of Chatham-Kent, and County of Oxford.
- **Familiarity/History** – RJ Burnside and its Project Manager for this assignment (Dave Argue, P Eng.) has been involved in all work completed since 2014 and has extensive background knowledge, involvement and insights on this file including working with the other parties to the OMB.
- **Service** – RJ Burnside has provided good service to the City since 2014 on this file.
- **Timing** – RJ Burnside's familiarity and history ensures that there will be continuity with the file. The assignment is time-sensitive and having continuity is especially important.
- **Value for Money** – RJ Burnside's hourly staff rates are competitive and are in line with industry rates and RJ Burnside has confirmed that they will maintain their 2015 rates for the assignment.

**ENVIRONMENTAL CONSIDERATIONS**

Not applicable.