



Report to: General Committee

Report Date: June 2, 2016

SUBJECT: Staff Awarded Contracts for the Month of May 2016
PREPARED BY: Alex Moore, Ext. 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Month of May 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 May 2016 as per Purchasing By-Law 2004-341.

BACKGROUND:

Council at its meeting of May 26th, 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.

Community & Fire Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none">• 038-Q-16 Centennial and Crosby Community Centre Arena Lighting Retrofit• 042-T-16 Roof Restoration at West and Central Parks Shop• 045-T-16 Milliken Mills Community Centre Exterior Wall Repairs• 058-T-16 Remove and Replace Fire Sprinklers at Milliken Mills Community Centre Arena• 071-T-16 Milliken Mills Community Centre Condenser and Pump Upgrade• 082-T-16 Security Guard Services for Various City Locations• 094-T-16 Supply and Delivery of Five Flatbeds• 099-T-16 Tree Stumping• 116-T-16 Grass Cutting and Maintenance Services• 146-Q-16 Morgan Pool Renovations

Community & Fire Services

Award Details	Description
Second Lowest Priced Supplier	<ul style="list-style-type: none"> • 072-Q-16 Concrete and Asphalt Spot Repairs – Waterworks Department
Non-Competitive Supplier	<ul style="list-style-type: none"> • 131-S-16 Traffic Data Collection & Data Submission

Corporate Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"> • 051-T-16 Elevator Maintenance and Repair Services for Elevators across the City of Markham
Highest Ranked Third Lowest Supplier	<ul style="list-style-type: none"> • 014-R-16 SharePoint 2013 Intranet and Collaboration Implementation
Non-Competitive Supplier	<ul style="list-style-type: none"> • 244-Q-15 Printing and Delivery of the Markham Life Magazine - Contract Extension

Development Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"> • 027-T-16 Erosion Restoration at Rouge River and Berczy Creek • 118-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Non-Competitive Supplier	<ul style="list-style-type: none"> • 141-S-16 Sidewalk Construction and Curb Work

6/9/2016

X

Joel Lustig
Treasurer

09/06/2016

X

Trinela Cane
Commissioner, Corporate Services



STAFF AWARD REPORT

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To:	Brenda Librecz, Commissioner, Community and Fire Services
Re:	038-Q-16 Centennial and Crosby Community Centre Arena Lighting Retrofit
Date:	April 21, 2016
Prepared by:	Amanda Martin, MECO Coordinator, ext. 2956 Leanne Lee, Senior Buyer, ext. 2025

PURPOSE

To obtain approval to award the contract for the replacement of existing light fixtures at Centennial Community Centre Arena as well as Crosby Arena and Dressing Room, and convert to LED fixtures for energy and maintenance savings.

RECOMMENDATION

Recommended Supplier	Energy Network Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 83,200.00	Various Accounts (Refer to Financial Considerations)
Less cost of award	\$ 74,657.68	Cost of Award
	\$ 7,465.77	Contingency (10%)
	\$ 82,123.45	Total Project Cost (Inclusive of HST)
Budget Remaining after this award	\$ 1,076.55	*

* The balance remaining of \$1,076.55 will be returned to the original funding sources as per table in Financial Considerations.

BACKGROUND

Centennial Community Centre Arena

The City of Markham is replacing existing light fixtures with LED fixtures in Centennial Community Centre's arena over top of the ice pad. To achieve substantially reduced energy and maintenance, and improved light output, the City will be replacing the seventy-four (74) 400 watt metal halide high bay light fixtures with LED fixtures over the ice rink at Centennial. Out of all areas surveyed for most potential to save energy through lighting retrofits, the arenas demonstrated the best energy consumption and maintenance cost reductions with the shortest payback periods. In consultation with staff at Centennial, the goals of this project are to: improve light output, improve colour performance, reduce operating and maintenance costs, replace with a more efficient asset through Lifecycle, and improve lighting uniformity.

The scope of areas to include LED fixtures at the Centennial Community Centre, are as follows:

Ice pad

- Removal and disposal of the existing fixtures
- Replace Seventy-Four (74) Metal Halide fixtures with Seventy-Four (74) LED fixtures
- Add control system to further improve energy performance and control

The work is to commence June 6th, 2016 and be complete before June 24th, 2016

Crosby Community Centre Arena and Dressing Room

The City of Markham is replacing existing lighting fixtures and installing with LED fixtures in Crosby Community Centre's arena overtop of the ice pad and in the dressing rooms. To achieve substantially reduced energy and maintenance, and improved light output, the City will be replacing the Twenty-Four (24) 1,000 watt metal halide high bay light fixtures in a one for one swap with LED fixtures in the ice rink. By converting the Crosby arena and dressing room lights that were up for lifecycle renewal to LEDs, the new LED fixtures will demonstrate the most attractive energy consumption and maintenance cost reductions with the shortest payback periods.

The scope of areas to include LED fixtures at the Crosby Community Centre, are as follows:

Ice pad

- Removal and disposal of the existing fixtures
- Replace twenty-four (24) Metal Halide fixtures with twenty-four (24) LED fixtures
- Replace lighting in dressing room with LEDs

Work is to commence June 13, 2016 and be complete before June 9, 2016

The LED retrofit will have the following benefits:

1. LED lighting increases the present light levels;
2. Increased community recreational safety through better visibility by enhanced colour performance and object recognition;
3. LED fixtures reduce energy consumption in the arena by approximately 65%;
4. Reduced heat energy produced from new fixtures also decrease cooling costs in the arena;
5. Instant-on LED technology reduces total annual electricity consumption by 10% to 15% by allowing the facility managers to turn off lights during unoccupied periods in the day, without the warm-up time delay that the existing metal halide lights require;
6. LED fixtures with full 10 year warranty reduce maintenance costs by approximately \$3500 annually
7. In both locations, due to the longevity of LED luminaries (approximately 16 year lifespan) and elimination of the two year group relamping program;
8. LED fixture design and layout surpass the requirements of the Ontario Recreation Facilities Association (ORFA) of 50 foot candles in the arena over the lifespan of the LED fixtures;

BID INFORMATION

Advertised	ETN
Bids closed on	March 23, 2016
Number picking up bid documents	38
Number responding to bid	9

DETAILED PRICING INFORMATION (INCLUSIVE OF HST)

Suppliers	Bid Price	Provisional price *	Total
Energy Network Services Inc.	\$61,486.51	\$ 13,171.17	\$ 74,657.68
Kacel Electric	\$64,973.64	\$ 12,685.40	\$ 77,659.04
System Int'l Electric	\$66,595.77	\$ 12,133.05	\$ 78,728.82
All Phase Electrical	\$68,567.09	\$ 13,198.27	\$ 81,765.36
AC Contracting	\$69,359.62	\$ 13,432.32	\$ 82,791.94
Kudlak	\$73,771.12	\$ 15,264.00	\$ 89,035.12
Nadir Electric	\$74,461.17	No Bid	\$ 74,461.17
DSK Electric	\$95,373.54	\$ 45,283.71	\$ 140,657.25
2SC Contracting	\$110,267.14	\$ 25,853.15	\$ 136,120.29

* Provisional items included a Wifi/Bluetooth and occupancy sensor control, dimmable control settings and two (2) motion sensor devices located at Centennial Community Centre (the "control system"). These items were left out of tender due to uncertainty of tender prices the City would receive and Staff believes they are good value to include within this award.

FINANCIAL CONSIDERATIONS

Project & Description	Budget Amount	Cost of Award (Incl. Provisionals, 10% Contingency, and HST)	Budget Remaining
Crosby Arena Lighting Project 500-101-5399-16111	32,300	32,300	0
Centennial C.C. Arena Lighting Retrofit 500-101-5399-16100	50,900	49,824	1,076
Total	83,200	82,123	1,077

Balance remaining in the amount of \$1,076.55 will be returned to original funding sources.

Savings (Payback)

The Centennial and Crosby arena lighting retrofit projects will achieve an annual energy and maintenance savings of approximately \$35,000 (see table below). The addition of the control system at Centennial Community Centre will contribute an approximate savings of \$16,000 over the lifespan of the LED luminaries (approximately 16 years). With a total cost of \$82,123.45 (including contingency) to retrofit the two ice pads and dressing rooms, the return on investment is approximately 2.27 years. The savings will be incorporated into the budget as part of the 2017 operating budget process.



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	042-T-16 Roof Restoration at West and Central Parks Shop
Date:	April 28, 2016
Prepared by:	Michael Ryan, Facility Engineer, Ext. 2563 Flora Chan, Senior Buyer, Ext. 3189

PURPOSE

To obtain approval to award the contract for restoration of the West and Central Parks Shop roofs.

RECOMMENDATION

Recommended Supplier	R-Chad General Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 71,000.00	Roofing Replacement Projects (750-101-5399-16202)
Less cost of award	\$ 64,108.80	Cost of Award (Inclusive of HST)
	\$ 6,410.88	10% Contingency
	\$ 70,519.68	Total Award Inclusive of HST
Budget Remaining after this award	\$ 480.32	*

*Remaining budget of \$480.32 is to be returned to the original funding source.

BACKGROUND

The sloped metal roofs of the Central Parks Shop (4415 14th Avenue, Markham) and West Parks Shop (428 John Street, Thornhill) were identified for restoration. There is evidence of leakage at the Central Parks Shop and corrosion of the West Parks Shop metal roof. These facilities serve the community through maintenance of the roads and parks within the City of Markham.

To maintain the asset and prevent disruption of building operations we recommend that these roofs be restored through the application of a waterproofing coating. The coating will prolong the life of the structure by prolonging the life of the metal roof.

Project schedule: All work to be completed by July 2016.

BID INFORMATION

Advertised	ETN
Bid closed on	March 31, 2016
Number picking up document	13
Number responding to bid	5*

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

PRICE SUMMARY (Inclusive of HST)

Suppliers	Total Bid Price
R-Chad General Contracting Inc.	\$ 64,108.80
Trio Roofing Systems Inc.	\$ 83,646.72
Triumph Aluminum & Sheet Metal Inc.	\$ 87,310.08
Sproule Specialty Roofing Ltd.	\$ 90,342.53
Nortex Roofing Ltd.	\$ 103,693.44

ENVIRONMENTAL CONSIDERATION

Roof water leaks will reduce the thermal resistance of the insulation below. This will increase the amount of energy needed to heat and cool the facility. By completing the work this will mitigate or eliminate the risk of roof leakage.



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community and Fire Services
Re:	045-T-16 Milliken Mills Community Centre Exterior Wall Repairs
Date:	May 18, 2016
Prepared by:	Ryan Hanna, Community Facility Supervisor, Ext. 2103 Leanne Lee, Senior Buyer, Ext. 2025

PURPOSE

To obtain approval to award the contract for wall repairs at the Milliken Mills Community Centre Library.

RECOMMENDATION

Recommended Supplier	BRC Restoration Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 236,897.15	500-101-4299-16116 Milliken Mills CC External Library walls
Less cost of award	\$ 103,642.56	Award amount (Inclusive of HST)
	\$ 10,364.26	10% Contingency
	\$ 114,006.82	Total Award
Budget remaining after this award	\$ 122,890.33	*

*The remaining budget of \$122,890.33 will be returned to original funding source and the life cycle study will be adjusted to reflect the lower cost of replacement

BACKGROUND

The Milliken Mills Library was constructed in 1991 as an addition to the Riseborough Arena to create Milliken Mills Community Centre and Library. In 2015 prior to replacement of the library roof, Asset Management retained a consultant to complete water testing and masonry test cut to identify the areas of water penetration. The consultant found that water was coming through the south facing library curtain wall.

The sealant at the exterior of the library curtain wall was found to be in poor condition and the masonry wall construction was allowing water to drain to the building interior. To address the leakage sealant replacement, masonry work and removal of the phenolic foam is required. The removal of the phenolic foam is of particular importance as it can accelerate corrosion of structural components. If left unaddressed, the library curtain wall will continue to leak.

This project will consist of repairing seals along curtain wall, masonry replacement, installation of through wall flashing membrane, installation of new cap flashing, removing and replacing brick veneer, removing and replacing cracked mortar joints, removal of the phenolic foam insulation and replacing with rigid insulation, sealing weep holes, interior drywall repair and painting.

BID INFORMATION

Advertised	ETN
Bid closed on	May 3, 2016
Number picking up bid documents	16
Number responding to bid	5

PRICE SUMMARY

Suppliers	Price (incl. HST impact)
BRC Restoration Inc.	\$ 103,642.56
Dontex Construction Ltd.	\$ 135,878.70
2SC Contracting Inc	\$ 157,626.24
Elite General Contracting & Restorations	\$ 162,377.62
Langstaff Restorations	\$ 208,099.20



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community and Fire Services
Re:	058-T-16 Remove and Replace Fire Sprinklers at Milliken Mills Community Centre Arena
Date:	May 17, 2016
Prepared by:	Ryan Hanna, Community Facility Supervisor, Ext 2301 Leanne Lee, Senior Buyer. Ext: 2025

PURPOSE

The purpose of this report is to obtain approval to award a contract for the removal and replacement of fire sprinklers at Milliken Mills Community Centre Arena.

RECOMMENDATION

Recommended Supplier	Classic Fire Protection (Lowest Priced Supplier)	
Current Budget Available	\$ 147,741.92	500-101-5399-16120 Milliken Mills CC Fire Sprinklers Project
Cost of Award	\$ 53,992.62	Inclusive of HST
	\$ 6,392.26	Contingency (10%)
	\$ 59,314.89	Total Cost of Award inclusive of HST
Budget Remaining after this award	\$ 88,427.03	*

* The remaining balance of \$88,427.03 will be returned to the original funding source and the life cycle study will be adjusted to reflect the lower cost of replacement.

BACKGROUND

The project involves the replacement of the dry-pipe sprinkler system in the Milliken Mills CC arena. In 2014 during the annual inspection, it was noted that there was leakage in the pipe as well the dry system pump and most of the heads were rusted. The dry system is used to treat fires in arena environments because it uses pressurized air to extinguish fires instead of water. It is important to have a functioning system that will provide the necessary protection in the case of a fire emergency.

The project will consist of removing, disposing of, and replacing existing piping, sprinkler heads, fire bells, and compressor. A Civil engineer acted as consultant for this project to provide engineered drawings of the new system as well as hydrant flow tests. To minimize service disruption as well as saving from having to use overnight staff for fire watch, the old system will remain functional until which time the new system can be integrated.

The fire sprinkler system replacement will start August 15th and be completed by September 9th 2016

BID INFORMATION

Advertised	ETN
Bids closed on	May 12, 2016
Number picking up bid documents	11
Number of Bidders responding to bid.	4*

*One bidder was disqualified for not meeting the mandatory requirements of submitting an agreement to bond. An agreement to bond is a commitment by a surety company to provide Markham with a Performance and Payment Bonds as required in the tender documents.

PRICING SUMMARY

Suppliers	Price Inclusive of HST
Classic Fire Protection	\$ 53,992.62
MJK Construction	\$ 61,956.58
Canadian Fire Protection Inc.	\$ 88,531.20



STAFF AWARD REPORT

To:	Mary Creighton, Director of Recreation Services
Re:	071-T-16 Milliken Mills Community Centre Condenser and Pump Upgrade
Date:	May 9, 2016
Prepared by:	Ryan Hanna, Community Facility Supervisor, Ext. 2103 Leanne Lee, Senior Buyer, Ext. 2025

PURPOSE

To obtain approval to award the contract for the replacement of the refrigeration equipment, including the evaporative condenser, supportive beams, condenser fan Variable Frequency Drive (VFD) and brine pump at Milliken Mills Community Centre.

RECOMMENDATION

Recommended Supplier	Cimco Refrigeration (Lowest Priced Supplier)	
Current Budget Available	\$ 87,802.56	70-6150-16115-005 (Milliken Mills Condenser Replacement)
Less cost of award	\$ 73,776.00	Award amount (Inclusive of HST)
	\$ 7,377.60	10% Contingency
	\$ 81,153.60	Total Award
Budget remaining after this award	\$ 6,648.96	*

* Remaining budget of \$6,648.96 will be returned to the original funding source.

BACKGROUND

The existing condenser was installed in 1996 with a life expectancy of 20 years it is due to be replaced this year. The condenser is an integral part of the refrigeration system as it cools the ammonia before it passes through the expansion tank where it depressurizes and turns back to liquid ammonia for reuse.

The condenser sits atop 2 - I beams that hold the structure. During the plant shut down in April 2015, it was noted by our refrigeration mechanic that the I beams that support the structure are badly corroded and are compromising the structural integrity of the stand which the condenser sits atop. Major leaking of the condenser over time has caused the beams to rust. A full replacement of both unit and structural stand was recommended.

The project will commence June 1, 2016 and be complete before August 8, 2016.

BID INFORMATION

Advertised	ETN
Bid closed on	April 28, 2016
Number picking up bid documents	8
Number responding to bid	3

PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
Cimco Refrigeration	\$73,776.00
J.L. Wilson & Sons div. of Carmichael	\$79,370.76
Black & McDonald Ltd.	\$109,290.24

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

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 additional ONE 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	**(\$155,951.00 -152,785.22)

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

** The remaining balance of \$3,165.78 will be reported as part of the year-end operating variance and the operating budget will be amended accordingly.

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 onto the sites, 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 supplier, 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 (Inclusive of HST)
Neptune Security Services	\$ 261,917.52
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 5**

To:	Andy Taylor, Chief Administrative Officer
Re:	094-T-16 Supply and Delivery of Five Flatbeds
Date:	April 26, 2016
Prepared by:	Laurie Canning, Manager, Fleet and Suppliers, ext. 4896 Patti Malone, Senior Buyer, ext. 2239

PURPOSE

To obtain approval to award the contract for supply and delivery of five (5) gas powered flatbed trucks.

RECOMMENDATION

Recommended Supplier	Donway Ford Sales Ltd. (Lowest Priced Supplier)	
Current Budget Available	\$ 270,273.26	057-6150-15241-005 (See Financial Considerations)
Less cost of award	\$ 223,801.79	Inclusive of HST
Budget Remaining after this award	\$ 46,471.47	*

* Of the remaining balance, \$5,000.000 will be utilized for Markhamization costs and the remaining balance of \$41,471.47 (\$46,471.47- \$5,000) will be returned to the original funding source.

BACKGROUND

Tender 094-T-16 was issued for the supply and delivery of five (5) flatbeds. The bid consisted of two options, diesel (Option 1) and gasoline (Option 2) engines. The previous diesel engines trucks experienced excessive downtime and a business case justified switching these types of vehicle to gas powered engines (see financial consideration section for analysis).

The vehicles identified for replacement in this report were identified in the 2015 Corporate Fleet Replacement Program. Units in this award have had condition assessments completed by Fleet staff and meet the requirements of the Fleet Replacement Program. Upon delivery of the new vehicles, the following units: 1233, 1237, 1238, 3350 and 3363 will be sold in accordance with Purchasing By-law 2004-341, Part V, Disposal of Personal Property and proceeds will be posted to account 890 890 9305.

BID INFORMATION

Advertised	ETN
Bids closed on	April 12, 2016
Number picking up bid documents	15
Number responding to bid	6

PRICING SUMMARY (INCLUDING HST)**Option One – Diesel****One Flatbed Crew Cab Dump Truck (unit 3363)**

Suppliers	Description	Qty	Price (Each)	Extended Price
Donway Ford Sales Ltd.	F350 Del Body	1	\$55,019.60	\$55,019.60
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Commander Body	1	\$56,396.41	\$56,396.41
Georgian Chevrolet Buick GMC	GMC Sierra 3500HD 2 WD	1	\$57,290.88	\$57,290.88
East Court Ford Lincoln	F350 Del Body	1	\$58,408.20	\$58,408.20
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Del Body	1	\$58,429.57	\$58,429.57
Blue Mountain Chrysler Ltd.	Ram 3500 Del Body	1	\$59,136.81	\$59,136.81
Alex Williamson Motor Sales	Chevrolet Silverado 3500 Del Body	1	\$59,166.32	\$59,166.32
Highland Chevrolet Buick Cadillac GMC	Chevrolet Silverado 3500 Del Body	1	\$59,734.80	\$59,734.80
Niagara Motors Limited	GMC Sierra SL 3500	1	\$60,648.96	\$60,648.96

PRICING SUMMARY (INCLUDING HST)**Option Two – Gasoline****One Flatbed Crew Cab Dump Truck (unit 3363)**

Suppliers	Description	Qty	Price (Each)	Extended Price
Donway Ford Sales Ltd.	F350 Del Body	1	\$46,963.26	\$46,963.26
Georgian Chevrolet Buick GMC	GMC Sierra 3500HD 2 WD	1	\$47,114.88	\$47,114.88
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Commander Body	1	\$47,982.89	\$47,982.89
Alex Williamson Motor Sales	Chevrolet Silverado 3500 Del Body	1	\$48,630.09	\$48,630.09
East Court Ford Lincoln	F350 Del Body	1	\$49,556.10	\$49,556.10
Highland Chevrolet Buick Cadillac GMC	Chevrolet Silverado 3500 Del Body	1	\$49,687.02	\$49,687.02
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Del Body	1	\$50,016.06	\$50,016.06
Niagara Motors Limited	GMC Sierra SL 3500	1	\$50,574.72	\$50,574.72
Blue Mountain Chrysler Ltd.	Ram 3500 Del Body	1	\$52,559.04	\$52,559.04

Option One – Diesel**Four Flatbed Regular Cab Dump Trucks (units 1233, 1237, 1238 and 3350)**

Suppliers	Description	Qty	Price (Each)	Extended Price
Donway Ford Sales Ltd.	F350 Del Body	4	\$52,161.16	\$208,644.63
Georgian Chevrolet Buick GMC	GMC Sierra 3500HD 2 WD	4	\$53,424.00	\$213,696.00
East Court Ford Lincoln	F350 Del Body	4	\$55,051.14	\$220,204.57
Alex Williamson Motor Sales	Chevrolet Silverado 3500 Del Body	4	\$55,639.32	\$222,557.26
Blue Mountain Chrysler Ltd.	Ram 3500 Del Body	4	\$56,609.09	\$226,436.35
Highland Chevrolet Buick Cadillac GMC	Chevrolet Silverado 3500 Del Body	4	\$57,054.44	\$228,217.76
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Commander Body	4	\$57,487.28	\$229,949.11
Niagara Motors Limited	GMC Sierra SL 3500	4	\$58,1043.96	\$232,419.84
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Del Body	4	\$59,127.65	\$236,510.59

Option Two – Gasoline**Four Flatbed Regular Cab Dump Trucks (units 1233, 1237, 1238 and 3350)**

Suppliers	Description	Qty	Price (Each)	Extended Price
Donway Ford Sales Ltd.	F350 Del Body	4	\$44,209.63	\$176,838.53
Georgian Chevrolet Buick GMC	GMC Sierra 3500HD 2 WD	4	\$44,265.60	\$177,062.40
Alex Williamson Motor Sales	Chevrolet Silverado 3500 Del Body	4	\$45,591.53	\$179,212.00
East Court Ford Lincoln	F350 Del Body	4	\$46,198.02	\$184,792.09
Highland Chevrolet Buick Cadillac GMC	Chevrolet Silverado 3500 Del Body	4	\$47,006.66	\$188,026.63
Niagara Motors Limited	GMC Sierra SL 3500	4	\$48,030.72	\$192,122.88
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Commander Body	4	\$49,073.76	\$196,295.04
Blue Mountain Chrysler Ltd.	Ram 3500 Del Body	4	\$50,031.32	\$200,125.29
Barrie Chrysler Dodge Jeep Ram Ltd.	Ram 3500 Del Body	4	\$50,714.13	\$202,856.52

FINANCIAL CONSIDERATIONS

Project & Description	Unit # being replaced	Model ID	Budget allocation	Cost of the Award (Incl. HST)	Budget Remaining	Markhamizing Costs	Budget Remaining after Markhamizing
2015 Corp Fleet Replacement Program - Non-Fire 057-6150-15241-005	1233/1237/ 1238/3350	ONE TON FLATBED DIESEL 11' DUMP (replaced with Gas powered)	214,305.54	176,838.53	37,467.01	4,000.00	33,467.01
2015 Corp Fleet Replacement Program - 057-6150-15241-005	3363	CREW CAB DIESEL 9' DUMP (replaced with Gas powered)	55,968.00	46,963.26	9,004.74	1,000.00	8,004.74
Total			270,273.54	223,801.79	46,471.76	5,000.00	41,471.76

Diesel vs. Gas

Below is an analysis of the life cycle cost comparison between a diesel vs. gas powered flatbed truck

Diesel Flatbed Cost	Total 8 Year Cost	Comments	Life cycle (Years)	Annual Cost
Cost of Diesel Flatbed (A)	52,161.16	Based on 094-T-16	8	6,520.14
Maintenance Cost	37,041.36	Based on 5-year (2011-2015) average maintenance cost		4,630.17
Cost of Fuel	35,225.60	Based on 5-year (2011-2015) average fuel consumption of 6,880 L and fuel price based on actual March YTD 2016 diesel rate of \$0.640/L		4,403.20
Operating Cost Impact (B)	72,266.96			9,033.37
Total Cost (E=A+B)	124,428.12			15,553.51
Gas Flatbed Cost (based on a crewcab 2500 model which has the same engine as the flatbed)				
Cost of Gas Flatbed (C)	44,209.63	Based on 094-T-16	8	5,526.20
Maintenance Cost	20,928.00	Based on historical 5-year (1996-2000) average maintenance cost for an older gas flatbed		2,616.00
Cost of Fuel	37,286.30	Based on 5-year (2011-2015) average fuel consumption for a gas crewcab with same engine as the gas flatbed of 6,231 L and fuel price based on actual March YTD 2016 diesel rate of \$0.748/L		4,660.79
Operating Cost Impact (D)	58,214.30			7,276.79
Total Cost (F=C+D)	102,423.94			12,802.99
Price premium on Diesel vs. Gas powered flatbed trucks (E-F)	22,004.18			2,750.52

Gasoline powered units support a lower operating and capital cost along with an increase in unit uptime based on the average diesel powered unit downtime currently experienced with the diesel flatbed compared to a gas crew cab with same engine as the gas flatbed. The current light duty diesel units have limited highway use and slow speed operation which negatively impacts diesel engine's efficiencies and results in plugged exhaust gas recirculation valves, soot build up in the diesel particulate filter (muffler / exhaust system) and reduced power. This often results in dealer specific warranty repairs that often render the unit out of service for extended periods of time due to parts availability and/or backlogs with units experiencing similar issues.

For the reasons identified above, Staff supports the recommendation of switching to gasoline power for the units identified in this award.

Capital Savings

Based on the above analysis, there will be annual capital E3 savings of \$993.94 per vehicle (\$6,520.14 - \$5,526.20), equating to \$4,969.70 per year for 5 vehicles being replaced. This translates to a \$124,242.50 saving in the life cycle study over 25 years.

Operating Savings

There will be annual operating E3 savings from reduced maintenance and fuel cost of \$1,756.58 per vehicle for the 5 vehicles being replaced (\$9,033.37 - \$7,276.79), equating to \$8,782.90 per year for 5 vehicles being replaced. This saving will be submitted as part of the 2017 Operating Budget.

Future Savings

There are 10 additional diesel flatbeds/crew cabs the City currently owns which will be replaced by 2020 with gas powered flatbeds/crew cabs. With these replacements in the future, there will be further capital saving of \$248,485.00 in the life cycle study over 25 years and annual operating savings of \$17,565.80.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	099-T-16 Tree Stumping
Date:	June 9, 2016
Prepared by:	Peter Shields, Supervisor, Forestry Ext. 2335 Patti Malone, Senior Buyer, Ext. 2239

PURPOSE

To obtain approval to award the contract for stumping of 4,819 trees in three different areas.

RECOMMENDATION

Recommended Suppliers	Tree Doctors Inc. (Area 1) – Lowest Priced Supplier W. M. Weller Tree Service Ltd. (Area 2) – Lowest Priced Supplier Davey Tree Expert Co. of Canada, Limited (Parks) – Lowest Priced Supplier	
Current Budget Available	\$ 634,000.00	See Financial Considerations
Cost of award	\$ 201,268.82 \$ 143,901.05 \$ 141,206.45 \$ 486,376.32	Tree Doctors Inc. W. M. Weller Tree Service Ltd. Ontario Clearing & Tree Davey Tree Expert Co. of Canada, Limited Total Award (inclusive of HST)
Budget Remaining after this award	\$ 147,623.68	*

* The remaining balance of \$147,623.68 to be retained within the EAB budget for ongoing program costs.

If the awarded supplier is unable to fulfill the terms of the contract, the Director of Operations and the Senior Manager of Purchasing be authorized to award the contract to the next lowest supplier.

BACKGROUND

The EAB program will continue through 2017, completing the 5 year program to remove and replant ash trees impacted by Emerald Ash Borer. It is expected that by the end of 2016, we will have approximately 300 remaining ash trees.

In 2015, 5,000 ash trees were removed due to EAB. In preparation for the 2016 planting of trees on boulevards and in parks, 4,800 stumps (4,000 EAB-related plus 800 non EAB-impacted trees) must be removed. This Staff Award leverages favourable pricing for large volume work, and is funded proportionately to EAB as well as Forestry Contracted Services budgets. After the stumps are removed, the void will be back filled with soil and seeded, and scheduled for re-planting as applicable.

BID INFORMATION

Advertised	ETN
Bid closed on	April 14, 2015
Number of suppliers picking up the document	18
Number of suppliers responding to bid	9*

*Note: one bid was disqualified for not meeting the stump grinder specification.

PRICE SUMMARY (Inclusive of HST)

Suppliers	Area 1	Area 2	Parks
Tree Doctors Inc.	<u>\$201,268.81</u>		
W. M. Weller Tree Services Ltd.	\$210,760.27	<u>\$143,901.05</u>	
Davey Tree Expert Co. of Canada, Limited	\$304,062.01	\$198,046.02	<u>\$141,206.45</u>
Timberlane Tree Services	\$294,573.95	\$216,436.89	\$161,767.67
Titanium Contracting Inc.	\$335,467.10	\$227,718.53	\$175,841.28
Ontario Line Clearing & Tree Services 2010 Ltd.	\$281,641.15	\$193,801.92	\$162,052.80
2385259 Ontario Ltd.	\$328,179.85	\$224,127.23	\$178,136.68
Dreamworks Groundskeeping Inc.	\$409,655.23	\$277,586.02	\$205,275.36

*Area 1 = 2,110 Stumps - Area 2 = 1,465 Stumps – Parks = 1,225 Stumps

Compared to the previous contract, this contract represents a 6% increase.

Note: In light of the large volume of work and time constraints to complete the work, it is the City's intention to award the contract for the work to three (3) Successful Suppliers / Contractors as identified within the bid document. The lowest priced supplier combination will be awarded the work.

FINANCIAL CONSIDERATIONS

Account #	Description	Budget Available	Budget Allocated for this Award	Cost of Award	Budget Remaining
700-101-5399-13438	2013 - Emerald Ash Borer Program	\$ 211,605.00	\$ 160,000.00	\$ 160,000.00	\$0.00
700-101-5399-14208	2014 - Emerald Ash Borer Program	\$ 1,644,685.00	\$ 380,000.00	\$ 232,376.32	\$147,623.68
730-7345399	Forestry - Contracted Services	\$ 124,712.00	\$ 94,000.00	\$ 94,000.00	\$0.00
		\$ 1,981,002.00	\$ 634,000.00	\$ 486,376.32	\$147,623.68



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	116-T-16 Grass Cutting and Maintenance Services
Date:	June 9, 2016
Prepared by:	David Plant, Manager, Parks Operations Ext. 4893 Patti Malone, Senior Buyer, Ext. 2239

PURPOSE

To obtain approval to award the contract for grass cutting and maintenance services for boulevards.

RECOMMENDATION

Recommended Supplier	Ontario Inc. o/a Clarington Contracting Services - Lowest Priced Supplier	
Current Budget Available	\$ 54,025.00	730-730-5399 Contract Services Weed Removal
Cost of award	\$ 43,112.16	2016 Award (inclusive of HST)
	\$ 43,112.16	2017 Award (inclusive of HST)
	\$ 43,112.16	2018 Award (inclusive of HST)
	\$ 129,336.48	Total Award (inclusive of HST)
Budget Remaining after this award	\$ 10,912.84	*(54,025.00 - \$43,112.16)

* The remaining balance of \$10,912.84 will be reported as part of the year-end operating variance and the 2017 operating budget will be amended accordingly.

BACKGROUND

This work has been part of a contract since 2013 that incorporated Region boulevards as well as City boulevards. Starting 2016, the Region will maintain regional boulevards, as such; this contract is only for City boulevards. This work includes grass cutting on a 14 day cycle for 15 cuts per season, plus the removal of all waste and litter for City boulevards. The area to be covered is approximately 22 hectares per cut.

The work is to commence May 16 and finish November 11 for each applicable season.

BID INFORMATION

Advertised	ETN
Bid closed on	April 28, 2016
Number of bidders picking up the document	22
Number of bidders responding to bid	10

PRICE SUMMARY

Suppliers	Price Inclusive of HST
2323283 Ontario Inc. o/a Clarington Contracting Services	\$43,112.16
Angelo's Snow Removal	\$45,293.63
Lewis Property Maintenance	\$48,661.63
Erin Mills Gardening & Landscaping	\$63,742.62
Hank Deenen Landscaping Limited	\$65,380.80
Markham Property Services Ltd.	\$69,023.81
Triple J. Contracting Inc.	\$148,113.68
Blue Oak Landscaping	\$176,222.88
Caranci Bros. Inc.	\$177,062.40

Note: As compared to the 2013-2015 contracts, prices received under the 2016-2018 contract has decreased by 30%: per hectare price has dropped from \$2,740.86 per hectare in 2015 to \$1,927.50 per hectare in 2016.



STAFF AWARD REPORT

To:	Mary Creighton, Director of Recreation Services
Re:	146-Q-16 Morgan Pool Renovations
Date:	May 11, 2016
Prepared by:	Bob Bell, Community Facilities Coordinator - East Leanne Lee, Senior Buyer, ext. 2025

PURPOSE

To obtain approval to award the contract for renovations at Morgan Pool, including repairing the marblite and removing and installing the waterline tiles.

RECOMMENDATION

Recommended Supplier (s)	Todd Pools Ltd. (Lowest Priced Supplier)	
Total Budget Available	\$ 68,772.00	500-101-5699-16270 Renovation of Morgan Pool Tank
Less: Cost of award	\$ 62,287.30 \$ 6,228.73 \$ 68,516.03	Inclusive of HST Contingency (10%) Total Project Cost (Inclusive of HST)
Budget Remaining after this award	\$ 255.97	*

* The remaining \$255.97 will be returned to the original funding source.

BACKGROUND

The pool was built in the late 1950s and its marbelite is deteriorating to the point of being unsafe. The Work is needed to be done on the tank prior to opening for summer 2016. If not completed, the marblite will continue to crumble and break away from the shell and interfere with the safe operation of the pool.

The City requested quotes from qualified pool specialists and general contractors to drain and clean pool and provide repair work that is to include but not solely limited to: hydroblasting, removal of existing plaster, racing lanes, pool waterline tile, caulking of all joints, apply new plaster (white in colour), install black disc at the deepest end of the pool, install a new depth marking tile and tile to delineate the edges of the steps, main drains and other locations, install new waterline tile. The contract also includes disposal of all materials that were removed.

BID INFORMATION

Advertised	By Invitation
Bids received	April 2016
Number quotes solicited	3
Number responding to bid	3

PRICE SUMMARY

Suppliers	Bid Price (incl.HST)
Todd Pools Ltd.	\$ 62,287.30
Leo Marbelite Inc.	\$ 67,812.86
Dontex Construction	\$ 71,143.47

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

To:	Andy Taylor, Chief Administrative Officer
Re:	072-Q-16 Concrete and Asphalt Spot Repairs – Waterworks Department
Date:	May 4, 2016
Prepared by:	Russ Simpson, Waterworks Supervisor Ext. 2555 Tony Casale, Senior Construction Buyer Ext: 3190

PURPOSE

To obtain approval to award the contract for concrete and asphalt spot repairs for the Waterworks department for three (3) years at the same itemized pricing.

RECOMMENDATION

Recommended Supplier	Progress Paving Ltd. (Second Lowest Priced Supplier)	
Current Budget Available	\$ 60,000.00	Various Accounts – see financial considerations
Less cost of award	\$ 43,181.86 \$ 43,181.86 \$ 43,181.86 \$ 129,545.58	2016 (Inclusive of HST) 2017 (Inclusive of HST)* 2018 (Inclusive of HST)*
Budget Remaining	\$ 16,818.14	**(\$60,000 - \$43,181.86)

*Subject to performance and Council approval of the 2017/18 operating budgets.

** The remaining budget will be reported as part of the year-end operating variance and the 2017 operating budget will be amended accordingly.

BACKGROUND

The general work involves restoration of damaged grounds by the removal and replacement of concrete and asphalt infrastructure from various water and wastewater excavations throughout the City of Markham. Locations for spot repairs are scattered throughout the City and the repairs vary in size. The estimated number of spot repairs ranges between 30 – 40 locations per year.

BID INFORMATION

Advertised	ETN (Electronic Tendering Network)
Bids closed on	April 14, 2016
Number picking up bid document	18
Number responding to bid	10

PRICE SUMMARY

Suppliers	Bid Price (Incl. of HST)
Diamond Earthworks Corp.	\$ 18,766.66*
Progress Paving Ltd.	\$ 43,181.86**
Vertical Horizons Contracting Inc.	\$ 47,233.94
Metro Asphalt Interlocking & Paving	\$ 57,545.28
Aqua Tech Solutions Inc.	\$ 71,763.26
Bond Paving & Construction Inc.	\$ 76,676.16
VT A Construction Limited	\$ 82,659.65
Aloia Bros. Concrete Contractors Ltd.	\$ 133,478.59
Pencon Construction Canada Corp.	\$ 144,514.46
Serve Construction Ltd.	\$ 298,004.16

*Diamond Earthworks Corp. (Not recommended)

Staff recommends not awarding this contract to the lowest priced supplier. In accordance with Purchasing By-Law 2004-341, Part II, Section 1 (6) “The City reserves the right not to accept the lowest or any bid submitted, if such action is deemed to be in the best interests of the City.”

The lowest priced supplier misinterpreted the bid document and has grossly miscalculated their pricing. Their bid was substantially lower than all other suppliers (lowest priced supplier \$18,766.66 versus other suppliers’ pricing ranged from \$47,233.94 - \$298,004.16). Staff received clarification from the low supplier and they advised that they interpreted that all items in the bid would be completed at once versus spot repairs that would be completed throughout the year.

Staff is concerned of the inherent risks associated with awarding a contract based on pricing that does not adequately reflect the contractor’s costs. Furthermore, the contractor confirmed in writing that their pricing was dependent on the assumption that all the work would be completed at once. The City’s *General Terms and Conditions* do not permit the withdrawal of a bid after its closing; however the City has the discretion not to award to the lowest supplier, if such action is deemed to be in the best interest of the City.

****Progress Paving (Recommended)**

Staff recommends awarding the contract to the 2nd lowest priced supplier Progress Paving Ltd. This contract was awarded to Progress Paving in 2015 and staff has confirmed that the quality of work properly meets the requirements of the contract.

FINANCIAL CONSIDERATIONS

The following table summarizes the financial details of this award:

Account Name	Account #	2016 Budget Amount	Budget Allocated to this Award	Cost of Award	Budget Remaining
Water Main Breaks	760-100-5401	70,000	45,000	32,386	12,614
Sewer Line Breaks	760-500-5401	30,000	15,000	10,795	4,205
Totals:		100,000	60,000	43,182	16,818

* The remaining budget will be reported as part of the year-end operating variance and the 2017 operating budget will be amended accordingly.



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	131-S-16 Traffic Data Collection & Data Submission
Date:	April 25, 2016
Prepared by:	Dan Ahir, Engineering Technologist, Ext. 2736 Patti Malone, Senior Buyer Ext. 2239

PURPOSE

To obtain approval to award the contract for traffic data collection services, under the York Region contract for three (3) years with the option to renew the contract for two (2) additional one-year increments.

RECOMMENDATION

Recommended Supplier	Ontario Traffic Inc. (Non-competitive Procurement)	
Current Budget Available	\$ 25,763.00	740-998-5399 Traffic Operations Contracted Services
Less cost of award	\$ 22,992.67	2016 Inclusive of HST*
	\$ 22,992.67	2017 Inclusive of HST*
	\$ 22,992.67	2018 Inclusive of HST*
	\$ 23,567.49	2019 Inclusive of HST*
	\$ 23,567.49	2020 Inclusive of HST*
	\$ 116,112.99	Total Award*
Budget Remaining after this award	\$ 2,770.33	(\$25,763.00 - \$22,992.67)

*Subject to Council approval of the 2017 to 2020 operating budgets.

Note: The contractual pricing for the first three years of the contract is fixed, whereas the option years are subject to an escalation based on CPI (All items – Toronto) but not to exceed 2.5% for each option year renewal period

Staff further recommends:

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

BACKGROUND

Since 2007, the City of Markham has been undertaking an annual traffic data collection program. The annual traffic data collection program ensures that the City has the most current traffic data set for City roads. This data has multiple uses, including analysis in traffic operational studies and investigations, transportation planning projects and ensuring the City is meeting legislative requirements as set out in the Municipal Minimum Maintenance Standards Act.

OPTIONS/DISCUSSIONS

York Region awarded a contract to Ontario Traffic Inc (low bidder) through a competitive bidding process until March 31, 2021. The scope of work under the York Region contract meets the City requirements.

York Region included a Co-operative Sharing of Resources clause within its bid document which allows other local municipalities to utilize the pricing under their agreement with the bidder who is awarded their contract. By utilizing this clause, Markham is leveraging the benefit of York Region volumes, while achieving an overall unit cost reduction of 7% compared to our previous contract for 2013-2015.

PRICE SUMMARY (Inclusive of HST)

Suppliers	Price inclusive of HST
Ontario Traffic Inc.	\$22,992.67
Accu-Traffic Inc.	\$27,396.00
Trans-Plan Transportation Inc.	\$136,110.00

Note: Analysis is based on City of Markham quantities.

**STAFF AWARD REPORT****Page 1 of 3**

To:	Andy Taylor, Chief Administrative Officer
Re:	051-T-16 Elevator Maintenance and Repair Services for Elevators across the City of Markham
Date:	April 11, 2016
Prepared by:	Patti Malone, Senior Buyer, ext. 2239

PURPOSE

To obtain approval to award the contract for elevator maintenance and repair services for nineteen (19) elevators across the City of Markham for one (1) year with the option to renew for an additional five (5) years.

RECOMMENDATION

Recommended Supplier	Centerline Elevator Corporation (Lowest Priced Supplier)	
Current Budget Available	\$ 25,250.26	Estimated Cost of Purchase
Less cost of award	\$ 12,821.76	2016 Apr-Dec Inclusive of HST
	\$ 23,628.67	2017 Inclusive of HST*
	\$ 38,648.45	2018 Inclusive of HST*
	\$ 42,332.16	2019 Inclusive of HST*
	\$ 46,036.22	2020 Inclusive of HST*
	\$ 46,402.56	2021 Inclusive of HST*
	\$ 7,733.76	2022 Jan –Mar Inclusive of HST*
	\$ 217,603.58	Total Award Inclusive of HST
Budget Remaining after this award	\$ 12,428.50	**(\$25,250.26 - \$12,821.76)

* Subject to Council approval of the annual operating budgets.

**The remaining balance will be a reduction to the budget in each year of the contract as part of the annual budget process

Note: The contract prices are fixed until 2019.

BACKGROUND

Elevator service involves the monthly inspection and service of each elevating device to ensure the device is operating safely and as per the original design specifications. A logbook is kept at each site and each monthly service visit is required to be logged. The work includes all labour, supervision, materials, cleaning agents, repair parts, supplies, tools, equipment, diagnostic equipment, and travel time for elevator maintenance and repairs.

The City has twenty four (24) elevators which are serviced on a monthly basis. Currently, each facility has an individual elevator service contract, which includes terms for automatic five year renewals, and only allows the City to terminate the contract 90 days prior to each automatic five year renewal. These contracts have been in place since the elevator installation and have always been maintained by the original equipment manufacturer (OEM).

OPTION/DISCUSSIONS

Purchasing Staff completed a spend analysis process on this service requirement by collecting, classifying and analyzing expenditure data with the purpose of reducing procurement costs and improving efficiency. By combining this contract from four (4) service providers to one (1) service provider, the City will save 49% or \$225,074.40 (2016: \$12,428.50, 2017 to 2022: \$212,645.90) over the contract term compared to the previous contractual pricing.

BID INFORMATION

Advertised	ETN (Electronic Tendering Network)
Bids closed on	March 22, 2016
Number picking up bid documents	12
Number responding to bid	5

PRICE SUMMARY (INCLUDING HST)

Suppliers	Bid Price
Centerline Elevator Corporation	\$217,603.58
Kone Inc.	\$230,057.99
OTIS Canada	\$312,482.26
Thyssen Krupp Elevator	\$370,935.55
Direct Elevator Services	\$143,736.69*

*Submission was a partial bid and only included 3 locations with seven (7) elevators. This bidder was not low on any of these locations.

ELEVATOR LOCATIONS

The following locations will be included in the elevator contract:

Location	Contract Commencement Date*	# of Elevators
Markham Civic Centre	01-Apr-16	5
Centennial Community Centre	01-Sep-16	1
Crosby Memorial Community Centre	01-Sep-16	1
Markham Community Centre	01-Sep-16	1
Markham Pan Am Centre	01-Sep-16	2
Thornhill Community Centre	01-Oct-17	3
Cornell Community Centre Bur Oak	03-Feb-18	5
8100 Warden Avenue	01-Sep-19	<u>1</u>
Total		19

*The contract for each location commences at different dates as the current service agreement will not expire until the dates specified above.

Note: The City has five (5) other elevators not included under this contract for the following reasons:

- Angus Glen Tennis Centre (1 elevator)
- Angus Glen CC & Library (3 elevators)
 - The current contract for these elevators expires in 2024, which is outside the contract term of this award. They will be included in the next tender.
- Varley Art Gallery (1 elevator)
 - This elevator has proprietary software and can only be serviced by the OEM.

FINANCIAL CONSIDERATIONS

Due to the fact that individual facilities currently have contracts that expire at different times, the budget available and cost of the award in each year varies.

The table below shows the Budget savings in 2016 which represent the five facilities whose contracts are set to expire in 2016.

	Locations	Account #	2016 Budget	2016 Cost of Award	2016 Remaining Budget
1	Markham Civic Centre	750 751 5399	\$ 16,636.23	\$ 9,158.40	\$ 7,477.83
2	Centennial Community Centre	503 921 5314	\$ 1,481.42	\$ 732.67	\$ 748.75
3	Crosby Memorial C.C.	502 922 5314	\$ 1,710.54	\$ 732.67	\$ 977.87
4	Markham Community Centre	503 923 5314	\$ 1,758.70	\$ 732.67	\$ 1,026.03
5	Markham PanAm Centre	506 921 5314	\$ 3,663.36	\$ 1,465.34	\$ 2,198.02
	Total		\$ 25,250.26	\$ 12,821.76	\$ 12,428.50

For the duration of the contract, other facilities will achieve budget savings throughout 2017-2022 as the current contracts expire as shown in the table below:

	2016 Budget Savings	2017 Budget Savings	2018 Budget Savings	2019 Budget Savings	Total Budget Savings
Location					
Markham Civic Centre	7,477.83	11,191.56	-	-	18,669.39
Centennial Community Centre	748.75	2,246.25	-	-	2,995.00
Crosby Memorial C.C.	977.87	2,933.62	-	-	3,911.49
Markham Community Centre	1,026.03	3,078.08	-	-	4,104.11
Markham PanAm Centre	2,198.02	6,594.05	-	-	8,792.07
Thornhill Community Centre	-	717.41	2,869.63	-	3,587.04
Cornell Community Centre	-	-	10,633.92	-	10,633.92
8100 Warden Ave	-	-	-	5,698.11	5,698.11
Total	12,428.50	26,760.97	13,503.55	5,698.11	58,391.13

As shown above, 8100 Warden is the last contract to expire in 2019, there will be no additional budget impacts in 2020-2022. The budget savings will be reflected as a reduction to the respective budget year of the contract as part of the annual budget process.

On a contract to contract basis, the total savings from 2016-2022 is estimated to be \$225,074.40 which represents cost avoidance as opposed to actual budget savings.



STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	014-R-16 SharePoint 2013 Intranet and Collaboration Implementation
Date:	May 13, 2016
Prepared by:	Kent Chau, Client Advisor, ITS, Ext. 5368 Rosemarie Patano, Senior Buyer, Ext. 2990

PURPOSE

To obtain approval to award the contract for the Consulting Services for SharePoint 2013 Intranet and Collaboration Implementation

RECOMMENDATION

Recommended Supplier	eSolutions Group (Highest Ranked/ Third Lowest Priced Supplier)	
Current Budget Available	\$ 253,000.00	049-5350-8659-005 Portal Project – Implementation of Corporate Intranet and Collaborative Platform
Less Cost of award	\$ 202,400.64	Cost of Award (inclusive of HST)*
	\$ 20,240.06	Contingency (10%)
	\$ 222,640.70	Total Cost of Award
Budget Remaining after this award	\$ 30,359.30	**

*Cost of award includes: installation, configuration and deployment; training; and, first year warranty. There are no applicable one-time or recurring fees for software and licenses.

** The remaining budget in the amount of \$30,359.30 will be returned to the original funding source.

Note: Annual Operating Costs and Maintenance pricing are not applicable for the proposed solution as the City would take over Support and maintenance once the project is complete. With this recommended award there are no additional fees for warranty, maintenance and on-going support.

BACKGROUND

The City of Markham plans to deliver a modern, interactive intranet experience for its employees via the development and implementation of the City's internal website and collaboration platform utilizing Microsoft SharePoint 2013 which will improve:

- Communication that reaches employees and improves engagement
- Customer service and efficiencies by employees having easier access to tools and resources
- Employee collaboration and knowledge sharing
- Overall ease of access to information and people through the Intranet

The scope of work for this project will consist of the following main objectives:

- Work with City staff to elicit user requirements and perform content planning
- Design information architecture and design wire frames for site pages
- Planning, installation and configuration of the SharePoint 2013 platform
- Build, configure and deploy intranet solution per City's requirements
- Perform quality assurance on solution
- Provide end user and administrative training and assist City with migration of content
- Develop website governance plan

Once completed, the new collaborative Intranet will replace the City's existing Checkmark solution.

BID INFORMATION

Advertised	ETN
Bids closed on	February 23, 2016
Number picking up bid documents	31
Number responding to bid	8

PROPOSAL EVALUATION

The Evaluation Team for this RFP was comprised of Staff from Recreation, Library, Culture Services, Planning, Human Resources, Corporate Communications, and ITS, with Purchasing Staff acting as the facilitator.

Proposals were evaluated against the pre-established evaluation criteria as outlined in the RFP: 15 points for Experience and Qualification of the Bidder and Staff; 25 points for Project Understanding, Methodology, Delivery and Management; 30 points for (Meeting Business and Technical) Requirements for the SharePoint 2013 and Implementation; and 30 points for Pricing, totaling 100 points.

The results of the evaluation are outlined below:

Technical and Price Proposal

Suppliers	Score (out of 100)	Rank Results
eSolutions Group Ltd.	67.62	1
Point Alliance	64.50	2
Buchanan Technologies Inc.	59.47	3
Oranjutech Inc.	57.70	4
NetDexterity Inc.	56.91	5
Envision It Inc.	51.72	6
Eng IT Solutions Inc.	49.80	7
Metropolis Media	45.80	8

Bid prices range from \$113,086.26 to \$776,442 inclusive of HST

Presentation

To ensure the highest ranked bidders understood the City's requirements and to further evaluate the bidders' bid submissions against the requirements of this RFP, Staff invited the three highest ranked Bidders to a presentation as allowed for in the bid document.

Suppliers	Score (out of 10)	Rank Results
eSolutions Group Ltd.	9.3	1
Point Alliance	5	2
Buchanan Technologies Inc.	5	3

Overall scoring

Suppliers	Grand Total Score (out of 110)	Rank Results
eSolutions Group Ltd.	76.92	1
Point Alliance	69.50	2
Buchanan Technologies Inc.	64.47	3

Overall scoring (Continued)

eSolutions Group Ltd. (“eSolutions”) was the third lowest priced bidder and scored highest on the technical submission demonstrating a thorough understanding of the project and its requirements. Their proposal demonstrated to the City’s satisfaction that they have the ability to undertake the project and possess a strong understanding of the project deliverables, key issues and challenges. Through the evaluation process, eSolutions demonstrated they are well qualified and have successfully completed similar projects. The firm is supported by a highly skilled project team with a depth of experience and expertise as it specifically relates to website analysis, information architecture and design, application development; SharePoint technology experience; and their solid methodology to be taken with this project, resulting in an overall higher ranking.

eSolutions is a privately held company that offers more than 55 staff members at its head office and throughout its offices in Waterloo, Ottawa, Newmarket, Toronto, Ontario; Fredericton, New Brunswick; and Canberra, Australia. eSolutions has impressive experience working with an extensive list of Canadian Municipalities to deliver solutions similar to the one the City is seeking.

ENVIRONMENTAL CONSIDERATIONS

Not Applicable

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

To:	Andy Taylor, Chief Administrative Officer
Re:	244-Q-15 Printing and Delivery of the Markham Life Magazine - Contract Extension
Date:	May 5, 2016
Prepared by:	Emma Girard, Senior Coordinator, Production & Advertising, ext. 2500 Flora Chan, Senior Buyer, ext. 3189

PURPOSE

To obtain approval to extend the contract for printing and delivery of the Fall and Winter issues of Markham Life Magazine at a 5% reduction compared to the 2016 Spring and Summer editions.

RECOMMENDATION

Recommended Supplier (s)	St. Joseph Communications Inc. (Non-Competitive Procurement)	
Budget available	\$ 126,972.37	795-796-5874 Markham Life Magazine
Less cost of award	\$ 55,197.68	2016 Fall Issue
	\$ 55,845.89	2016 Winter Issue
	<u>\$ 11,104.36</u>	Contingency (10%)
	\$ 122,147.93	Total Cost of Award, with HST Impact
Budget Remaining after this award	\$ 4,824.44	*

*The remaining balance will be a favourable variance in the 2016 results of operations and will be reallocated as part of the 2017 Budget.

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;"

BACKGROUND

City of Markham prints four (4) magazines per year (Spring, Summer, Fall and Winter) and distributes 84,000 to 86,000 copies per season to residents and for pick-up at various City facilities. The magazine provides residents with information on all Recreation, Cultural and Library programming offered by the City, as well as general information and latest City related news items. Each issue of the magazine has 152-160 pages of text and a 4-page cover in color, at a size of 7.75" x 10.75".

St. Joseph Communications Inc. has been the awarded supplier of this contract since 2012 (as the lowest priced /highest ranked). Staff is satisfied with the level of service provided by the supplier, who has demonstrated a good understanding of the City's requirements and process over the years.

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 operation efficiencies for the City, which could not be reasonably expected as achievable through competitive bidding process.

In 2015, new magazine design elements were being reviewed and Staff requested quotation for two issues for maximum flexibility. Staff later confirmed that the design changes would be too costly and would not be implemented.

Staff had been in discussions internally on whether or not to negotiate an extension with the incumbent, or issue a new tender to the market.

OPTIONS/DISCUSSIONS (Continued)

Prior to entering into these negotiations, staff considers whether the same Supplier has been awarded the contract through a competitive process over the past tender issuance, the Supplier turnout and whether the same Suppliers responded to the tender. Staff has tendered the Printing and Delivery of the Markham Life Magazine on three (3) separate occasions over the past four (4) years (2012, 2013 and 2015). St. Joseph Communications Inc. has been the lowest priced or highest ranked supplier on all three (3) of these competitive tenders.

Tender history

Year	# of Bids received	Lowest Priced Bidder	Price Comparison
2012	2	St. Joseph Communications	
2013	4	St. Joseph Communications	5% decrease over 2012
2015	2	St. Joseph Communications	6% decrease over 2013

In reviewing the market condition and bid responses, there are only a few competent contractors in the marketplace who can meet the printing specifications and requirements set out by the City. By going out to market, there is no assurance that the City will see lower pricing.

Through Staff negotiations, the pricing has been reduced a further 5% or \$4,824.44 for both issues, further demonstrating their price competitiveness.

This option to extend the existing contract 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”.

To maintain competitiveness, Staff will release Request for Proposal for a 3-year term in Fall 2016.

ENVIRONMENTAL CONSIDERATION

As stipulated in the bid document, the Successful Bidder must be Forest Stewardship Council (FSC) certified. FSC is an organization established to promote the responsible management of the world’s forests. The FSC certification provides a credible link between responsible production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value.

**STAFF AWARD REPORT****Page 1 of 3**

To:	Jim Baird, Commissioner Development Services
Re:	027-T-16 Erosion Restoration at Rouge River and Berczy Creek
Date:	May 25, 2016
Prepared by:	Alberto S. Lim, Sr. Capital Works Engineer. Ext. 2860 Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE

To obtain approval to award the contract for erosion restoration at Rouge River and Berczy Creek

RECOMMENDATION

Recommended Supplier	Cambridge Landscaping & Construction Ltd. (Lowest Priced Supplier)	
Current Budget Available	\$ 168,000.00	083-6150-15044-005 Downstream Improve SWM Strategy
Less cost of award	\$ 111,636.83	Construction
	\$ 28,085.76	Provisional Items*
	\$ 13,972.25	Contingency (10%)
	\$ 153,694.84	Total (Inclusive of HST)
	\$ 13,832.53	Internal Management Fee @ 9%
	\$ 167,527.37	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 472.63	**

*The Bid included a list of provisional items for the restoration of the existing pathway which may or may not be required dependent on damage which may be caused during the erosion restoration. The provisional items include, asphalt pathway restoration, supply of root wads, swamp mats for access path reinforcement, supply and installation of cedar trees and an allowance for geotechnical inspection/material testing.

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

BACKGROUND

The scope of this project is to provide remediation services for the restoration of erosion and creation of fish habitat at a section of the Berczy Creek tributary to the Rouge River, south of Normandale Drive and Rouge River northeast of Unionville Gate and Main Street Unionville, in Markham. The section of the creek at this location has recently shown severe bank erosion and unstable slope which is threatening the stability of the adjacent pathway.

The scope of work for this project involves the following;

1. Site excavation and grading including removal of excess material.
2. Construction of live crib wall structure.
3. Installing and removing coffer dams and flow bypass works at the creek section.
4. Installation of a river stone trench for toe protection.
5. Installation of a vegetated river stone bank and jute mat with live stakes and shrubs.
6. Installation of potted plants, bare root seedlings, and trees.
7. Preparation, site grading, and restoration of the site including sod on private property.
8. Installation of a black vinyl chain link fence at the City's property limit.
9. Installation of root wads along bottom of bank for habitat creation.

The project is expected to be completed by December 2016.

BID INFORMATION

Advertised	ETN
Bid closed on	May 5, 2016
Number picking up document	19
Number responding to bid	9

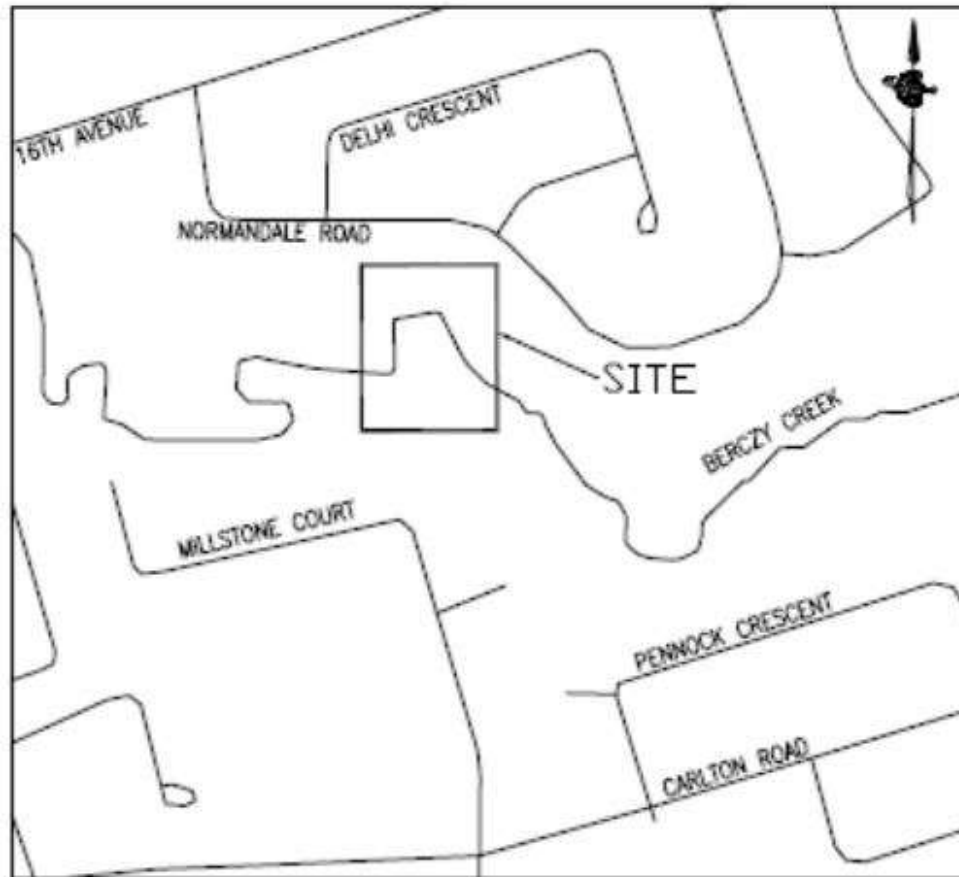
PRICE SUMMARY

Suppliers	Bid Price (Inclusive of HST)
Cambridge Landscaping & Construction Ltd.	\$111,636.83
Hawkins Contracting Services Limited	\$111,712.13
5607890 Ontario Limited o/a R+M Construction	\$135,072.56
TBG Environmental	\$142,294.29
Dynex Construction Inc.	\$198,132.83
CSL Group	\$198,503.23
Seawaves Development Services Inc.	\$205,244.83
Lancoa Contracting	\$219,589.51
Pine Valley Corp.	\$312,856.03

ENVIRONMENTAL CONSIDERATIONS

The successful supplier is responsible for compliance with the Toronto and Region Conservation Authority (TRCA) and Ministry of Natural Resources and Fisheries. The restoration improves the condition of the existing watercourses and fish habitat.

**RESTORATION OF EROSION SCOUR, BERCZY CREEK
CITY OF MARKHAM - Attachment 1**





STAFF AWARD REPORT

Page 1 of 2

To:	Alan Brown, Director, Engineering
Re:	118-T-16 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	May 10, 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 - 3 locations) Vertical Horizons Contracting Inc. (Lowest Priced Supplier - 3 locations)	
Less Cost of Award	\$ 64,874.00 <u>\$ 8,433.62</u> \$ 73,307.62	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;

- 12 Laureleaf Road – Water and sanitary sewer connection
- 21 Cachet Parkway – Water connection
- 44 Dove Lane – Water, sanitary and storm sewer connections
- 64 Babcombe – Water and sanitary sewer connections
- 75 Fred Varley Drive – Water, sanitary and storm sewer connections
- 206 Bayview Fairways Drive – Water, sanitary and storm sewer connections

BID INFORMATION

Advertised	ETN
Bids closed on	April 28, 2016
Number picking up bid documents	8
Number responding to bid	6

PRICE SUMMARY (Exclusive of HST)

Locations	Vertical Horizons Contracting Inc	NSJ Waterworx Group Ltd.	V.M. DiMonte Construction Limited	FDM Contracting Co. Ltd.	Trisan Construction	Sam Rabito Construction
12 Laureleaf Road	\$ 10,263.00	\$ 9,300.00	\$ 17,200.00	\$ 14,250.00	\$ 27,897.00	\$ 58,500.00
21 Cachet Parkway	\$ 4,825.00	\$ 6,500.00	\$ 5,000.00	\$ 4,950.00	\$ 11,263.00	\$ 9,000.00
44 Dove Lane	\$ 12,230.00	\$ 13,300.00	\$ 20,600.00	\$ 21,550.00	\$ 44,366.00	\$ 85,000.00
64 Babcombe	\$ 8,419.00	\$ 9,300.00	\$ 18,600.00	\$ 19,450.00	\$ 34,594.00	\$ 57,000.00
75 Fred Varley Drive	\$ 21,544.00	\$ 15,000.00	\$ 29,600.00	\$ 32,300.00	\$ 38,268.00	\$110,500.00
206 Bayview Fairways Drive	\$ 18,806.00	\$ 15,100.00	\$ 20,600.00	\$ 24,000.00	\$ 52,572.00	\$ 86,000.00



STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	141-S-16 Sidewalk Construction and Curb Work
Date:	May 13, 2016
Prepared by:	Dereje Tafesse, Capital Works Engineer, ext. 2034 Tony Casale, Senior Construction Buyer, ext. 3190

PURPOSE

To obtain approval to extend the contract for additional sidewalk construction on 14th Avenue between Birchmount Road and McDowell Avenue and curb work on Doncaster Avenue from Henderson Avenue to Yonge Street.

RECOMMENDATION

Recommended Supplier	Aqua Tech Solutions Inc. (Non Competitive Procurement)	
Current Budget Available	\$ 167,926.35 <u>\$ 111,969.67</u> \$ 279,896.02	083-5350-16049-005 Sidewalk Program 050-6150-16150-005 Asphalt Resurfacing
Less cost of award	\$ 136,525.49 \$ 91,032.25 <u>\$ 11,377.89</u> \$ 238,935.63 \$ 27,306.93 <u>\$ 13,653.46</u> \$ 279,896.02	Sidewalk - Cost of Award (Incl. of HST) Item # 1 Curb - Cost of Award (Incl. of HST) Item # 2 Contingency @ 5% Total (Incl. of HST) Internal Management Fee @ 12% Internal Construction Administration Fee @ 6% Total Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 0.00	

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) which states "When the extension of an existing contract would prove more cost-effective or beneficial,"

BACKGROUND

In 2015, the City awarded contract 091-T-15 for sidewalk and streetlight construction to the lowest priced bidder Aqua Tech Solutions Inc. At the time of tendering, it was identified that the 2015 sidewalk budget amount was insufficient to cover all sidewalk locations. As a result, the 14th Avenue sidewalk construction from Birchmount Road to McDowell Avenue was only included in tender as a provisional item subject to funding. However, the streetlight portion of the work for this section was awarded and the construction has commenced.

During the site investigation on Doncaster Avenue, staff determined that approximately 866m of the existing concrete curb has deteriorated and requires replacement. The replacement of the concrete curb and gutter also requires saw cutting and removal of existing asphalt and granular material as well as the placement of new granular material and asphalt surface. Since the proposed sidewalk on Doncaster Avenue is abutting the existing curb, Engineering staff informed Operations that it would be beneficial to replace the curb as part of this sidewalk construction work, as replacement of the curb work at a later date will have the potential to undermine and damage the sidewalk. Operations approved the additional curb work and provided their Asphalt Resurfacing account to cover the cost.

DISCUSSION

Staff is recommending extending the contract with Aqua Tech Solutions Inc. for the additional sidewalk construction on 14th Avenue between Birchmount Road and McDowell Avenue (Item 1). and concrete curb & gutter work on Doncaster Avenue from Henderson Avenue to Yonge Street (Item 2) for the following reasons:

1. Good Value:

Item 1: Sidewalk Construction (14th Avenue from Birchmount Rd to McDowell Ave.)

Aqua Tech Solutions Inc. is maintaining their 2015 price for sidewalk construction on 14th Avenue. At the time of tendering their pricing was approximately 13% less expensive than the next lowest priced bidder (\$134,164.20 vs. \$152,545).

Item 2: Curb and Gutter (Doncaster Ave from Henderson Ave. to Yonge St.)

Staff reviewed pricing from Operations contracts and Aqua Tech's pricing was competitive as compared to the Operations maintenance contracts.

2. **Quality Service:** Aqua Tech Solutions Inc. has performed well on the project and staff is satisfied with the quality of work. Feedback from references identified that work was satisfactory and that they would work with them again on future projects.
3. **Project Consistency:** Since Aqua Tech is currently on site and mobilized, awarding this contract to them will eliminate the cost for mobilization and demobilization that would be required if this work was awarded to another contractor. Additionally, since Aqua Tech is on site installing streetlights and a new sidewalk, awarding this contract will ensure that another contractor would not have to excavate work that was already completed.

ENVIRONMENTAL CONSIDERATIONS

The asphalt and concrete materials will be recycled at an authorized recycling site.

FINANCIAL CONSIDERATIONS

Project Name	Project #	Budget Available for this Item	Cost of Award	Contingency (5%)	Capital Admin Fee (12%)	Internal Project Management (6%)	Budget Remaining
Sidewalk Program	083-5350-16049-005	\$167,926.35	\$136,525.49	\$6,826.27	\$16,383.06	\$8,191.53	\$0
Asphalt Resurfacing	050-6150-16150-005	\$111,969.67	\$91,032.25	\$4,551.61	\$10,923.87	\$5,461.94	\$0
Total		\$279,896.02	\$227,557.74	\$11,377.89	\$27,306.93	\$13,653.46	\$0

The contractor is currently on site at 14th Avenue from Birchmount to McDowell Ave. installing streetlights. It would be cost effective and more efficient to have the sidewalk completed while the contractor is on site. This will reduce mobilization and restoration cost while minimize disturbance and access to the existing buildings and homes.

The additional sidewalk construction on 14th Avenue between Birchmount Road and McDowell Avenue and curb work on Doncaster Avenue from Henderson Avenue to Yonge Street were not included in the original budget.

FINANCIAL CONSIDERATIONS (Continued)

The 2016 sidewalk program account (083-5350-16049-005) will be used to cover the cost of this 14th Avenue sidewalk project. There is available budget in the 2016 program because Staff will be deferring the 16th Avenue (Warden to Kennedy) budgeted project due to an Environmental Assessment (EA) undertaken by the Region. The result of the EA study on 16th Avenue has a potential to change the road alignment & width including the sidewalk location. Therefore, the proposed sidewalk location has been deferred and the construction budget will be used to fund the sidewalk construction on 14th Avenue from Birchmount to McDowell Avenue.

Operations will be able to complete all works within the Asphalt Resurfacing program and be able to complete all budgeted items within project #16150.