



Report to: General Committee

Report Date: September 4, 2018

SUBJECT: Staff Awarded Contracts for the Months of June, July and August 2018
PREPARED BY: Alex Moore, Ext. 4711

RECOMMENDATION:

1. THAT the report entitled "Staff Awarded Contracts for the Months of June, July and August" 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 months of June, July and August 2018 as per Purchasing By-law 2017-8.

BACKGROUND:

Council at its meeting of March 21, 2017 amended By-Law 2017-8, A By-Law To Establish 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 Contract Award is to the lowest priced or highest ranked (as applicable), compliant Bidder
- The expenses relating to the goods/ services being procured are included in the budget (Operating/Capital).
- The Contract Award is within the approved budget.
- The term of the Contract is for a maximum of four (4) years.
- There is no litigation between the Successful Bidder and the City at the time of Contract Award.
- There is no disqualified Bidder (which disqualified Bidder is also the lowest priced or highest ranked Bidder (as applicable) pursuant to the Quotation process) 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 Officer

Award Details	Description
Non-Competitive Procurement	<ul style="list-style-type: none">• 100-R-13 Recruitment Advertising Services - Contract Extension

Community & Fire Services

Award Details	Description
Lowest Priced Bidder	<ul style="list-style-type: none"> 004-T-18 - Supply and Delivery of Articulated Sidewalk Tractor 006-Q-18 Supply and Delivery of one (1) 16-foot Rotary Mower 017-Q-18 Milliken Mills Community Centre Arena Dehumidifier 040-T-18 Sediment Removal at Two Stormwater Management Ponds (ID #1 & #48) 042-T-18 City-wide Crack Sealing Services at Various Locations 048 -T-18 Rehabilitation of Six (6) Structures 085-Q-18 Interior Plant Maintenance 110-Q-18 Supply & Delivery of Regulatory & Warning Signs 113-T-18 Upgrades to Gas Collection System – German Mills Meadow and Natural Habitat 114-Q-18 Court Resurfacing 131-Q-18 Supply & Install Pool Dehumidifier at Milliken Mills Community Centre 145-T-18 Playground Replacement 146-T-18 Citywide Island Median Weed Clearing 166-Q-18 Old Unionville Library Refurbishments 184-Q-18 Supply and Delivery of six (6) plug-in hybrid electric sport utility vehicles (SUVs)
Highest Ranked / Lowest Priced Bidder	<ul style="list-style-type: none"> 033-R-18 - Consulting Engineering Services for Sediment Removal at Four Stormwater Management Ponds
Highest Ranked/ Second Lowest Priced Bidder	<ul style="list-style-type: none"> 019-R-18 Morgan Pool Revitalization Project – Design Phases 1 and 2
Sole Bidder	<ul style="list-style-type: none"> 095-T-18 Centennial Community Centre Arena Board Frame and Plastic Replacement 108-Q-18 Hired Graders 133-Q-18 Mt. Joy Community Centre Condenser Replacement
Non-Competitive Procurement	<ul style="list-style-type: none"> 096-S-18 Replacement of Huntington Park Twin Culvert with a Pedestrian Bridge - Design 003-S-18 Supply and Delivery of Five (5) 60” Zero-Turn Mowers

Corporate Services

Award Details	Description
Lowest Priced Bidder	<ul style="list-style-type: none"> 034-Q-18 - Engineering Consulting Services for Building Envelope and Structural Review – Various Buildings 112-T-18 Roof Replacement for Markham Senior’s Centre and Fire Station No. 94
Non-Competitive Procurement	<ul style="list-style-type: none"> 163-S-18 Municipal Elections 2018, Voting Location Technology Rentals & Professional Services

Development Services

Award Details	Description
Lowest Priced Bidder	<ul style="list-style-type: none"> 121-T-18 Hwy 48 Park (Markham Museum) – Construction 122-T-18 Greensborough Gord Weeden Park – Construction 136-T-18 Construction of Whistling Cessation Measures (Phase 3 of 3) 140-Q-18 Rectify Defective Sanitary Sewer & Pavement on Richard Maynard Crescent 154-T-18: Environmental Remediation Services for 55 Parkway Avenue 160-T-18 - Rizal Monument, Box Grove Community Park - Construction
Highest Ranked / Third Lowest Priced Bidder	<ul style="list-style-type: none"> 083-Q-18 Consulting Services, Milliken Centre Secondary Plan – Retail, Service & Office Study

2018-08-17

X 

Shane Manson
Acting Treasurer
Signed by: cxa

2018-08-17

X 

Trinela Cane
Commissioner, Corporate Services
Signed by: cxa



STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	100-R-13 Recruitment Advertising Services - Contract Extension
Date:	June 8, 2018
Prepared by:	Mona Nazif, Manager, HR-Client Services, Ext. 2484 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

PURPOSE/BACKGROUND

To obtain approval to extend the contract for 100-R-13 Recruitment Advertising Services for an additional one (1) year, at the same 2013 itemized pricing.

The scope of work includes the following: copy writing services (editing and/or creating job ads); designing of job advertisements; preparing material for typesetting; preparing camera ready artwork; researching and securing appropriate print media, web and professional association space for job postings (including ethno-cultural media placements); execution of employer branding; providing strategic advice with respect to recruitment and advertising trends; optimization of online recruitment advertising and use of social media; and the development of recruitment promotional materials.

RECOMMENDATION

Recommended Bidder	Day Communications Group Inc. (Non-Competitive Procurement)	
Current Budget Available	\$ 34,500.00	200 201 5820 Recruitment Advertising
Less cost of award	\$ 34,500.00	Jul 1, 2018 – Dec 31, 2018 (Inclusive of HST)
	\$ 34,500.00	Jan 1, 2019 – Jun 30, 2019 (Inclusive of HST) *
	\$ 69,000.00	
Budget Remaining after this award	\$ 0.00	(\$34,500 - \$34,500)

* Subject to Council approval of the 2019 operating budget.

Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2017-08, Part II, Section 11.1 Non Competitive Procurement, item 1 (g) which states “Where it is in the City’s best interest not to solicit a competitive bid”;

And

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

OPTIONS / DISCUSSIONS

In 2013, Staff awarded the contract to retain a firm for recruitment advertising services to the highest ranked / second lowest priced bidder (Day Communications) for a period of five (5) years (July 1, 2013 – June 30, 2018). Day Communications price was marginally higher (0.05%).

Day Communications has performed well over the contract term and provided the following value add components: administration and reporting via an online system, including full integration of media buying, scheduling and invoicing; online transmission and confirmation of orders; standardized and customized reporting; archiving, auditing and continuity.

Therefore, Staff is seeking approval to extend the contract for an additional one (1) year (July 2018-June 2019) under the City’s Purchasing By-law 2017-08, Part II, Section 11.1 (c).

This extension period will allow staff the time to properly assess the evolving market to determine the most appropriate combination of marketing services that the City of Markham needs to attract quality candidates in an efficient, modern and cost effective manner. Should a recruitment marketing RFP be needed at that time, then these newly defined marketing services will be included in the RFP.

OPTIONS / DISCUSSIONS (Continued)**Cost competitiveness**

Print media has become a specialized niche. Many customers and bidders are moving away from print media to place more focus on the use of social media for marketing and communication purposes. However, for transparency purposes, similar to other public sector organizations such as municipalities, government, schools, universities and hospitals, the City of Markham continues to need a combination of print, internet, professional association and social media advertising space. Over the last ten years, the supply base and options within the print media field has been shrinking as a result of market changes, leaving a limited pool of experienced and qualified bidders. Staff undertook an analysis of the price provided by the incumbent to ascertain its competitiveness. Other Advertising Agencies charge between \$85.00 and \$150.00 per hour. In 2018, Day Communication has maintained their 2013 quoted hourly rate of \$85/hour plus taxes, which is competitive in the industry.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget impact and no life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

Not applicable.



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	004-T-18 - Supply and Delivery of Articulated Sidewalk Tractor
Date:	June 25, 2018
Prepared by:	Peter Englezakos, Supervisor, Fleet & Supplies, Ext. 4896 Flora Chan, Senior Buyer, Ext. 3189

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of one (1) articulating sidewalk tractor.

Unit 1429 will be sold upon delivery of the new unit in accordance with Purchasing By-law 2017-8, Part V: Disposal of Personal Property, and proceeds will be posted to account 890 890 9305.

RECOMMENDATION

Recommended Bidder	Cubex Ltd (Lowest Priced Bidder)	
Current Budget Available	\$ 157,784.00	057-6150-18247-005 Corporate Fleet Replacement
Less cost of award	\$ 155,256.29	Award inclusive of HST
Budget remaining after this award	\$ 2,527.71	*

*The remaining funds will be used to "Markhamize" the vehicle in the amount of \$1,216.00 following which the remaining balance of \$1,311.71 (\$2,527.71 - \$1,311.71) will be returned to the original funding source.

BID INFORMATION

Bid closed on	June 7, 2018
Number picking up document	5
Number responding to bid	3*

*One bidder was disqualified as they did not meet the mandatory specifications.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Cubex Ltd.	\$ 155,256.29
Canadian Port & Heavy Equipment Sales Inc.	\$ 156,082.20

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget impact as the vehicle being purchased is replacing an existing unit. The Life Cycle Reserve Study will be updated accordingly.

ENVIRONMENTAL CONSIDERATIONS

All units in this award utilize the most current technology, reducing overall engine emissions.



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	006-Q-18 Supply and Delivery of one (1) 16-foot Rotary Mower
Date:	June 25, 2018
Prepared by:	Peter Englezakos, Supervisor, Fleet & Supplies, Ext. 4896 Flora Chan, Senior Buyer, Ext. 3189

PURPOSE/BACKGROUND

To obtain approval to award the supply and delivery of one (1) 16-foot rotary mower.

Unit 3483 will be sold upon delivery of the new unit in accordance with Purchasing By-law 2017-8, PART V Disposal of Personal Property and proceeds will be posted to account 890 890 9305.

RECOMMENDATION

Recommended Bidder	G.C. Duke Equipment Ltd. (Lowest Priced Bidder)	
Current Budget Available	\$ 111,900.00	057-6150-18247-005 Corporate Fleet Replacement
Less cost of award	\$ 101,052.77	Award inclusive of HST Provisional Item*
	\$ 8,853.12	
	\$ 109,905.89	
Budget remaining after this award	\$ 1,994.11	**

* Due to the potential new tariff of 10% being imposed by Canada for U.S. imports, effective July 1, 2018 a provisional price was included in the quotation. Notwithstanding the uncertainty of the implementation of the new tariff, the requirement of this new mower cannot be delayed and therefore, Staff recommend proceeding even with the risk of this additional charge.

**The remaining balance of \$1,994.11 will be returned to original funding source.

BID INFORMATION

Bid closed on	June 12, 2018
Number picking up document	4
Number responding to bid	2

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
G.C. Duke Equipment Ltd	\$109,905.89
Turf Care Products Canada Limited	\$117,308.93

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget impact as the vehicles being purchased are replacements for existing units. The Life Cycle Reserve Study will be updated to reflect the prices accordingly.

ENVIRONMENTAL CONSIDERATIONS

All units in this award utilize the most current technology, reducing overall engine emissions.



STAFF AWARD REPORT

To:	Mary Creighton, Director, Recreation Services
Re:	017-Q-18 Milliken Mills Community Centre Arena Dehumidifier
Date:	June 1, 2018
Prepared by:	Chris Gucciardi, Supervisor, Community Facility, Ext. 3316 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for the replacement of the existing dehumidifiers with electric desiccant dehumidifiers.

The work is to include:

- Remove and dispose of two (2) Mechanical Dehumidifiers from existing stand locations;
- Remove the Freon from the mechanical units and dispose units in an environmentally sound manner;
- Supply and install two (2) SMART DRY Solutions electric desiccant dehumidifiers with humidistats;
- Supply and install appropriately sized silencer on the outlet of the new unit;
- All relevant duct work and electrical required;
- Humidistat wiring from the selected location to the unit and wiring installation to the refrigeration plant system and the BAS system;

All the work is scheduled to be completed by September 2018.

RECOMMENDATION

Recommended Bidder	CIMCO Refrigeration (Lowest Priced Bidder)	
Current Budget Available	\$ 82,000.00	500-101-4299-18147 (Arena Dehumidifiers)
Less cost of award	\$ 62,944.67	Cost of Award (Inclusive of HST)
	\$ 3,776.68	Contingency (6%)
	\$ 66,721.35	Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 15,278.65	*

*The remaining budget of \$15,278.65 will be returned to the original funding source.

BID INFORMATION

Bids closed on	May 23, 2018
Number picking up bid documents	7
Number responding to bid	2

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
CIMCO Refrigeration, Div. of Toromont Industries Ltd.*	\$62,944.67
Combined Air Mechanical Services	\$73,246.85

*As required by the bid document the bidder is to be an approved applicant for the Ontario Power Authority (OPA) and have previous incentive applications to the save-on-energy program.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The dehumidifiers will result in annual energy savings of \$7,314 starting in 2019 with a payback of approximately 9 years. The savings will be included in the 2019 operating budget. The replacement costs will be adjusted accordingly in the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

Replacing the dehumidifier will achieve energy savings and remove humidity from the arena to allow better visibility and air quality.



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	040-T-18 Sediment Removal at Two Stormwater Management Ponds (ID #1 & #48)
Date:	June 8, 2018
Prepared by:	Alan Manlucu, Project Engineer, Ext. 2374 Flora Chan, Senior Construction Buyer, Ext. 3189

PURPOSE / BACKGROUND

To obtain approval to award the contract for Sediment Removal of the Stormwater Management Ponds at Pond 2A – Buttonville (Pond #1) and Cachet Woods Phase 2 Pond (Pond #48).

The contract will commence in July and be completed by November 2018.

RECOMMENDATION

Recommended Bidder	Todd Brothers Contracting Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 828,442.27	SWM Pond Cleaning 058- 6150-17197-005
Less cost of award	\$ 752,892.73	Cost of Award
	\$ 75,289.27	Contingency (10%)
	\$ 828,182.00	Total Award (inclusive of HST Impact)
Budget Remaining after this award	\$ 260.27	*

*The remaining budget of \$260.27 will be returned to the original funding source.

BID INFORMATION

Bids closed on	May 8, 2018
Number picking up bid documents	7
Number of Bidders responding to bid	4

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Todd Brothers Contracting Limited	\$ 752,892.73
Ground Force Environmental Inc.	\$ 878,355.49
Metric Contracting Services Corporation	\$ 1,161,559.87
Sierra Excavating Enterprises Inc.	\$ 1,109,437.89

OPERATING BUDGET AND LIFE CYCLE IMPACT

The next sediment cleaning for these two locations are included in the life cycle study for year 2038 (20 years from now). There is no incremental operating budget and life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

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. In meeting the requirement of Ministry of Environment and Climate Change (MOECC) Certificate of Approval (C of A) and more recently Environmental Compliance Approval (ECA), the City carries out pond inspections regularly. Sediment levels are monitored and when the accumulated sediment reaches a level where the removal efficiency is reduced by 5%, ponds are cleaned to ensure that the quality control function of the pond is maintained.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	042-T-18 City-wide Crack Sealing Services at Various Locations
Date:	June 8, 2018
Prepared by:	Zoyeb Vahora, Supervisor, Contract Administration Ext. 2275 Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE/BACKGROUND

To obtain approval to award the contract for City-wide crack sealing services at various locations for one (1) year with an option to extend the contract for three (3) additional years. The prices will remain the same for 2018/ 2019 and will be adjusted in accordance with Canada all-items CPI for 2020 and 2021.

The work will commence in the spring and be completed by September of each year.

RECOMMENDATION

Recommended Supplier (s)	Metro Asphalt (Lowest Priced Bidder)	
Current Budget Available	\$ 127,345.00	050-6150-18308-005 Route & Seal
Less cost of award	\$ 127,345.00	2018 Inclusive of HST*
	\$ 127,345.00	2019 Inclusive of HST**
	\$ 127,345.00	2020 Inclusive of HST**
	<u>\$ 127,345.00</u>	2021 Inclusive of HST**
	\$ 509,380.00	Total Cost of Award
Budget Remaining after this award	\$ 0.00	

* The award amount is based on a unit price of \$0.997/lm (Incl. of HST), Staff estimate a requirement of 127,728 lm.

** Subject to Council approval of the 2019-2021 budgets.

BID INFORMATION

Tender closed on	May 30, 2018
Number of contractors picking up bid documents	7
Number of contractors responding to bid	5

PRICE SUMMARY

Bidders	Unit Price / lm (Incl. of HST)
Metro Asphalt	\$ 0.997
Pavetech Ottawa Ltd	\$ 1.20
Done Rite Plaza Maintenance and Sons Ltd.	\$ 1.72
Multiseal	\$ 1.81
Upper Canada Road Services Inc.	\$ 1.93

Note: As compared to the previous contract (2013-2017) the unit price remains unchanged at \$0.997/lm (Incl. of HST).

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental Life Cycle impact. The 2020 and 2021 operating budget will be adjusted to include CPI increase accordingly, subject to Council approval of the 2020 and 2021 operating budgets.

ENVIRONMENTAL CONSIDERATIONS

In past years the City would route and seal cracks, which is an extremely loud process when grinding and causes significant amounts of dust and residual debris. This year the City will be using a new method which does not involve routing however is effective in preventive maintenance to prolong life.

The new process is called "Blow and Go method" and is significantly less obtrusive method of operation compared to "Route & Seal method" employed in the past.

The residual debris requires the road to be swept through mechanical means which in turn contributes to an increase in emissions and fuel usage during operations. The "Blow and Go method" does not involve routing with only minor dust being blown during the crack cleaning process. The method does not leave significant amounts of debris on the road.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	048 -T-18 Rehabilitation of Six (6) Structures
Date:	June 4, 2018
Prepared by:	Hossein Sharif, Senior Capital Engineer, Ext. 2382 Flora Chan, Senior Buyer, Ext. 3189

PURPOSE/BACKGROUND

To obtain approval to award the contract for rehabilitation (**Item 1**) and contract administration and construction inspection services (**Item 2**) for the following six (6) structures:

1. Bridge B000 – Located at John St, 0.55 km East of Bayview Ave.
2. Bridge B018 – Located at Reesor Road, 1.8 km north of Elgin Mills Road
3. Culvert C022 – Located at Elgin Mills Rd, 0.3 km west of Hwy 48
4. Culvert C030 – Located at Frontenac Drive 70 m north of Hwy 7
5. Culvert C035 – Located at John Button Blvd., 0.3 km west of Rodick Road
6. Culvert C052 – Located at Reesor Rd, 0.3 km south of Hwy 7

The contract will commence on July 2018 and be completed by November 2018 (weather permitting).

RECOMMENDATION

Recommended Bidders	Tascan Corporation. (Lowest Priced Bidder) - Item 1 McIntosh Perry Consulting Engineers Ltd. (Highest Ranked/Lowest Priced Bidder) - Item 2	
Current Budget Available	\$ 729,039.87	058-6150-17209-005 Structures Rehabilitation
Less cost of award	\$ 464,020.51	Cost of Construction Award - Item 1
	\$ 46,402.05	Contingency (10%) - Item 1
	\$ 61,056.00	Cost of Construction Administration Award - Item 2*
	\$ 6,105.60	Contingency (10%) - Item 2
	\$ 577,584.16	Total Award (Incl. of HST)
Budget Remaining	\$ 151,455.71	**

*The cost of Contract Administration and Construction Inspection Services (CA) is calculated based on quoted fee of \$3,816.00/ week (incl. of HST) for full-time inspection for 16 weeks.

**The remaining balance of \$ 151,455.71 will be returned to the original funding source.

Item 1 – Rehabilitation (Construction)**BID INFORMATION**

Bid closed on	May 29, 2018
Number picking up document	11
Number responding to bid	5

PRICE SUMMARY (Item 1)

Bidders	Bid Price (Inclusive of HST)
Tascan Corp	\$ 464,020.51
Jarlian Construction Inc.	\$ 494,934.18
Hunink Corporation	\$ 524,347.93
Hawkins Contracting Services Limited	\$ 680,306.71
KAPP Contracting Inc.	\$ 914,151.80

Item 2- Contract Administration and Construction Inspection Services

In 2016, Staff awarded Request for Proposal 238-R-16 to the highest ranked / lowest priced bidder for the structure rehabilitation works at the locations identified within this report. The contract was broken down into three (3) stages with consultants providing fixed 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 (**COMPLETED**)
- Stage 3 - Contract Administration / Construction Inspection (**THIS AWARD**)

Staff awarded Stages 1 & 2 through the appropriate award authority in December 2016 & November 2017 to McIntosh Perry and at that time identified that Stage 3 works (Contract Administration and Construction Inspection services) would be awarded at the time of construction once construction time is known.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The 2018 Life Cycle Reserve Study includes \$1.80M for the replacement/ rehabilitation of the six (6) structures over the next the next 25 years until 2043. There is no incremental operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

The construction timing will be as per allowable TRCA/MNRF fisheries time window as follows:

Structure ID	In-Water Works Time
C030 & C035	July 1 st to September 15
B000, B018, C022 & C052	July 1 st to March 31



STAFF AWARD REPORT

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To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	085-Q-18 Interior Plant Maintenance
Date:	July 31, 2018
Prepared by:	Matthew Busato, Supervisor Horticulture, Ext. 4560 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for the interior maintenance of plants located at the Markham Civic Centre, Miller Avenue and 8100 Warden Avenue. The contract is for one (1) year commencing on August 1, 2018 with the option to renew for two (2) additional 1 year periods, at the same itemized pricing.

RECOMMENDATION

Recommended Bidder	Stems Interior Landscaping Inc. (Lowest Priced Bidder)	
Current Budget Available	\$ 9,000.00	Budget allocated for this award
Less cost of award	\$ 17,755.08	Year 1 – Aug 1, 2018 – July 31, 2019
	\$ 17,755.08	Year 2 – Aug 1, 2019 – July 31, 2020
	\$ 17,755.08	Year 3 – Aug 1, 2020 – July 31, 2021
	\$ 53,265.24	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	(\$ 8,755.08)	*

*The budget shortfall of \$8,755.07 will be considered as part of the 2018 year end results of Operations. The 2019 operating budget will be adjusted as part of budget reallocations of the existing Parks operating budget, subject to Council approval of the 2019 operating budget.

BID INFORMATION

Bids closed on	June 18, 2018
Number picking up bid documents	4
Number responding to bid	2*

*Previous bid results indicate this contract is for a niche service with limited local providers. 4 bids were received in 2015.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Stems Interior Landscaping Inc.	\$19,846.25*
Ibrahim Nassri Trading Inc.	\$40,296.96

*The monthly cost of interior plant maintenance is \$1,454.00 exclusive of taxes, broken down as follows:

Miller Avenue: 10 plants (minimum of 15 plants) = \$125.00 per month

8100 Warden: 18 plants \$125 plus \$4 x 3 plants = \$137.00 per month

Civic Centre: 223 plants x \$4 per plant = \$892.00 plus \$300.00 for balcony and tree watering = \$1,192.00

Service is to be completed once per week to guarantee maximum plant life.

As outlined in Section 17.2 of the City's General Terms and Conditions, "The City reserves the right, in its sole discretion, to negotiate with the lowest priced Supplier in the event that the Bid prices submitted by the Suppliers exceed the City's budget". Consequently, staff reviewed potential opportunities and entered into negotiations with Stems to reduce the price in order to better meet the City's approved budget. Staff were able to reduce the total bid price by \$2,091.17 (11% reduction) from \$19,846.25 to \$17,755.08.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The budget shortfall in the amount of \$8,755.08 will be considered as part of the 2018 year end results of Operations. The 2019 operating budget will be adjusted through budget reallocations of the existing Parks non-personnel budget, subject to Council approval of the 2019 operating budget.

There is no incremental operating and life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

N/A



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	110-Q-18 Supply & Delivery of Regulatory & Warning Signs
Date:	May 29, 2018
Prepared by:	Craig Breen, Supervisor, Roads, Ext. 3000 Tony Casale, Senior Construction Buyer, Ext. 3190

PURPOSE/BACKGROUND

The purpose of this report is to obtain approval to award the contract for the supply & delivery of regulatory and warning signs for one (1) year with an option to extend the contract for two additional years, at the same itemized pricing.

RECOMMENDATION

Recommended Bidder	Strada Sign Supply Inc. (Lowest Priced Bidder)	
Current Budget Available	\$ 22,000.00	700-505-4580 Traffic Signs Supplies
Less cost of award	\$ 26,869.08	Year 1 – 2018 (Incl. of HST)
	\$ 26,869.08	Year 2 - 2019 (Incl. of HST)*
	<u>\$ 26,869.08</u>	Year 3 - 2020 (Incl. of HST)*
	\$ 80,607.24	Total Cost of Award
Budget Shortfall	(\$ 4,869.08)	**

*Subject to Council approval of the 2019-2020 operating budget.

**The budget shortfall in the amount of \$4,869.08 will be reported as part of the 2018 overall results of operations. The 2019-2020 operating budgets will be adjusted to reflect the increased award amount, subject to Council approval.

BID INFORMATION

Bids closed on	May 23, 2018
Number picking up bid documents	13
Number responding to bid	6

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Strada Sign Supply Inc	\$ 26,869.08
Stinson Equipment	\$ 27,201.82
Maximum Signs	\$ 35,671.76
9030-5814 Québec inc.	\$ 36,006.86
B.M.R. Manufacturing Inc.	\$ 36,233.34
Regional Signs Inc	\$ 80,604.66

Note: As compared to the previous contract (2015-2018), this contract represents an increase of 12.96%; however pricing will remain firm fixed for the duration of the contract.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The budget shortfall of \$4,869.08 will be reported as part of the 2018 overall results of operations. The operating budget will be adjusted in 2019-2020 to reflect the award amount, subject to Council approval of the 2019-2020 operating budgets.

ENVIRONMENTAL CONSIDERATIONS

N/A



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	113-T-18 Upgrades to Gas Collection System – German Mills Meadow and Natural Habitat
Date:	August 2, 2018
Prepared by:	Robert Penner, Manager, Utility Inspection & Survey Group Ext. 4550 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the Contract for upgrades to the gas collection system at German Mills Meadow and Natural Habitat.

The work entails undertaking upgrades to one existing gas collection system header at the former Sabiston Landfill in the German Mills Meadow and Natural Habitat. This will include the replacement of the header pipes and connection to the existing gas wells. The purpose of the header replacement is to repair the landfill collection system such that it operates efficiently as designed and intercepts landfill gas generated inside the landfill waste.

All of the Work is scheduled to be completed by December 31, 2018.

RECOMMENDATION

Recommended Bidder	Ground Force Environmental. (Lowest Priced Bidder)	
Original Budget and Account #	\$ 149,742.31	058-6150-16215-005 (German Mills Meadow – Equipment Maintenance)
	\$ 315,500.00	051-6150-18255-005 (German Mills Header Upgrade)
	\$ 465,242.31	Total Budget Allocated for this Award
Less cost of award	\$ 396,651.88	Cost of Award (Inclusive of HST)
	\$ 39,665.19	Contingency (10%)
	\$ 436,317.07	Total Award (Inclusive of HST)
Budget remaining after this award	\$ 28,925.24	*

*The remaining balance of \$28,925.24 will be returned back to the original funding source in project # 18255 – German Mills Header Upgrade.

BID INFORMATION

Bids closed on	July 13, 2018
Number picking up bid documents	3*
Number responding to bid	2

*One Bidder identified that they were unable to submit a Bid due to insufficient resources to complete the work.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Ground Force Environmental Inc.	\$396,651.88
A.vanEgmond Construction (2005) Ltd	\$606,258.10

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no impact to the operating budget. There is minimal impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

Minor vegetation including potential tree removal will be required. Disturbed areas of the cultural meadow will be restored to their pre-construction state or better.

Multiple Eastern Meadowlarks were identified on the subject lands by Toronto and Region Conservation Authority. If at any time an Eastern Meadowlark enters the work area, all Work will cease and may not recommence until the bird has naturally left the area.



STAFF AWARD REPORT

Page 1 of 2

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	114-Q-18 Court Resurfacing
Date:	June 14, 2018
Prepared by:	Dean McDermid, Supervisor Parks, Ext. 2130 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for court resurfacing at the following public courts:

1. Toogood Park Tennis (Court 1 and 2)
2. Henry White Basketball Court (1/2 court)
3. Leighland Basketball Court (Full court)

All of the work is scheduled to be completed by December 2018.

RECOMMENDATION

Recommended Bidder	Court Contractors Ltd. (Lowest Priced Bidder)	
Current Budget Available	\$ 46,123.00	059-6150-18224-005 (Court Resurfacing)
Less cost of award	\$ 51,236.16	Cost of Award (Inclusive of HST)
	\$ 5,123.62	Contingency (10%)
	\$ 56,359.78	Total Award (Inclusive of HST)
Budget Shortfall	\$ (10,236.78)	*

*The budget shortfall in the amount of \$10,236.78 will be funded within the same account utilizing part of the original budget of \$76,116 for Berczy Park Courts (1-2) budgeted under this project #18224. Work has been deferred at this location until 2020 based on conditional assessment. The shortfall is due to additional work required to resurface Leighland Basketball Court including infilling, crack repairs, and time and material costs. The amount to be returned back to the original funding source relating to the deferral of Berczy Park Courts is \$65,879.22 (\$76,116 less \$10,236.78).

BID INFORMATION

Bids closed on	May 30, 2018
Number picking up bid documents	5
Number responding to bid	5

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Court Contractors Ltd.*	\$51,236.16
Bourassa Sport Technologies Plus	\$55,153.92
Colour-Court Inc.	\$62,073.60
Court Surface Specialists Ltd.	\$73,014.84
Dig-Con International Ltd.	\$109,900.80

*Court Contractors Ltd. has been the low bidder for 4 court resurfacing projects in the last 4 years. Performance has been satisfactory. Staff contacted Court Contractor's to determine reasoning for higher costs compared to previous years. They advised that Leighland Park Basketball requires major preparation and repair work of asphalt prior to the colour system application. This preparation work includes cleaning, infilling of low spots, repair of gouges and imperfections and crack repairs. Henry Wright 1/2 basketball only requires minimal preparation.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no impact to the operating budget. There is minimal impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

The material being used is premium acrylic all-weather which is suitable for outdoor application with minimal maintenance costs and 100% environmentally friendly.



STAFF AWARD REPORT

To:	Mary Creighton, Director, Recreation Services
Re:	131-Q-18 Supply & Install Pool Dehumidifier at Milliken Mills Community Centre
Date:	June 5, 2018
Prepared by:	Chris Gucciardi, Supervisor, Community Facility, Ext. 3316 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for supply & installation of pool dehumidifier at Milliken Mills Community Centre.

Work will commence upon award and will be completed by September, 2018. Facility will remain operational during the project and all work affecting the ventilation system will be completed during the scheduled pool shutdown period.

RECOMMENDATION

Recommended Bidder	S.I.G Mechanical Services Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 90,750.00	500-101-4299-18146 (Pool Dehumidifier)
Less cost of award	\$ 90,749.57	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 0.43	*

*The remaining balance of \$0.43 will be returned to the original funding source.

BID INFORMATION

Bids closed on	May 29, 2018
Number picking up bid documents	7
Number responding to bid	2*

*Three bidders responded that they were unable to bid due to the project schedule, resource availability or present workload.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
S.I.G. Mechanical Services Limited	\$90,749.57*
SE Canada Inc., dba Service Experts Commercial HVAC	\$146,534.40

* S.I.G. Mechanical Services Limited's original bid price was \$90,973.44 (Incl. HST impact) which exceeded the City's budget. The shortfall was mainly due to higher market prices. In order to meet City's approved budget, S.I.G. Mechanical Services Limited reduced their bid price through Staff negotiation by \$223.00 (from \$90,973.44 to \$90,749.57). S.I.G. Mechanical Services Limited has completed numerous projects for the City and performance is satisfactory.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating and life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

Replacing the pool dehumidifiers will oppress higher humidity levels in the pool room, improve air quality and ventilation, and make use of "waste heat" generated during the dehumidification process. This replacement will be eligible for \$4,000 in energy incentives.



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	145-T-18 Playground Replacement
Date:	August 2, 2018
Prepared by:	Scott Grieve, Supervisor, Parks Operations, Ext. 2486 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the Contract for play equipment replacement at the following 21 park locations:

1. Angus Glen East Village Park	8. Lincoln Park	15. Stonefarm Park
1. Apple Creek Park	9. Lundy Park	16. Summerdale Park
2. Bayview Reservoir Park	10. Paddock Park	17. Windfields Park
3. Drake Park	11. Risebrough Park	18. Windy Hill Park
4. Duncan Park	12. Romfield Park	19. Benjamin Marr Park
5. Featherstone Park	13. Sablewood Park	20. Leichroft Park
6. John Daniels Park	14. Sprucewood Park	21. Avoca Park

The work will consist of the following:

- Temporary fences;
- Removal/stockpiling and reinstate existing sand safety surface;
- Removal and disposal of existing play equipment;
- Coordination of the supply and installation of new play equipment;
- Restoration of park back to its original condition following completion of construction;
- Installation of stockpiled sand safety surface and increasing to 300mm depth with new playground sand;
- Coordination of CSA inspection & certification of play equipment & sand safety surface.

The project is to be completed by May 2019.

RECOMMENDATION

Recommended Bidder	Hawkins Contracting Services Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 1,155,012.00	059-6150-17157-005 (Playground Replacement)
Less cost of award	\$ 1,113,398.35	Cost of Award (Inclusive of HST)
	\$ 41,613.65	Contingency
	\$ 1,155,012.00	Total Award (Inclusive of HST)
Budget Remaining	\$ 0.00	

BID INFORMATION

Bids closed on	July 5, 2018
Number picking up bid documents	7
Number responding to bid	5

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Hawkins Contracting Services Limited	\$1,113,398.35
Pine Valley Corporation	\$1,282,414.35
Forest Ridge Landscaping Inc.	\$1,332,838.47
Melfer Construction Inc.	\$1,384,649.34
Mopal Construction Limited	\$1,584,731.10

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be updated as part of the 2019 update to reflect the replacement cost for the 21 park locations above. There is nominal incremental impact to the Life Cycle over the next 25 years.

ENVIRONMENTAL CONSIDERATIONS

All trees and plants to be protected during the work, with the installation of protective fencing to protect existing trees and shrubs.



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	146-T-18 Citywide Island Median Weed Clearing
Date:	July 10, 2018
Prepared by:	James Bingham, Supervisor, Park Operations, Ext. 7997 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for Citywide island median clearing for one (1) year with an option to renew the contract for an additional three (3) years based on the same itemized pricing.

RECOMMENDATION

Recommended Bidder	Humberview Maintenance Ltd. (Lowest Priced Bidder)	
Current Budget Available	\$ 43,112.40.00	Budget allocated for this award
Less cost of award	\$ 40,693.82	2018 Inclusive of HST
	\$ 40,693.82	2019 Inclusive of HST*
	\$ 40,693.82	2020 Inclusive of HST*
	\$ 40,693.82	2021 Inclusive of HST*
	\$ 162,775.30	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 2,418.58	*

* Subject to approval of the 2019, 2020, and 2021 operating budgets.

BID INFORMATION

Bids closed on	June 28, 2018
Number picking up bid documents	7
Number responding to bid	5

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Humberview Maintenance Ltd.*	\$40,693.82
Done Rite Plaza Maintenance and Sons Ltd.	\$51,444.77
Ibrahim Nassri Trading Inc.	\$83,168.45
M&E General Contracting Inc.	\$110,272.22
Gardion Property Services	\$193,987.12

*Compared to the previous award in 2015 (049-T-15), this award represents a cost decrease of 6% from \$43,112.40 to \$40,693.82 with a 9% increase in medians to be serviced from 791 to 860. Humberview Maintenance Ltd. has been the City's incumbent since 2015 and staff has been satisfied with their performance.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There will be annual savings of \$2,418.58. The operating budget will be reduced as part of the 2019 operation budget process. There is no incremental life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

N/A



STAFF AWARD REPORT

To:	Mary Creighton, Director, Recreation Services
Re:	166-Q-18 Old Unionville Library Refurbishments
Date:	August 2, 2018
Prepared by:	Paul Singleton, Supervisor, Community Facility, Ext. 2920 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the Contract for the following refurbishments at the Old Unionville Library.

The work will include:

- Remove and replace front main entrance doors;
- Remove and replace rear entrance doors;
- Remove and replace ceiling tile in the west vestibule;
- Remove and replace upper lobby windows;
- Repair baseboards and floor to match existing;

The project is to be completed by September 2018.

RECOMMENDATION

Recommended Bidder	Ra-V General Construction Corporation (Lowest Priced Bidder)	
Current Budget Available	\$ 78,800.00	500-101-4299-18158 (Door and Window Upgrade)
Less cost of award	\$ 78,762.24	Total Cost of Award (Inclusive of HST)
Budget Remaining	\$ 37.76	*

*The remaining balance of \$37.76 will be returned back to the original funding source.

BID INFORMATION

Bids closed on	July 30, 2018
Number picking up bid documents	5
Number responding to bid	2*

*Staff received no bid responses from Contractors indicating they were not able bid due to the tight project schedule.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Ra-V General Construction Corporation	\$78,762.24
Dontex Construction Ltd.	\$100,510.39

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget.

ENVIRONMENTAL CONSIDERATIONS

Windows to be installed are dual pane low emissivity coated tempered glass, and filled with argon gas to maximize insulation within the facility. Low emissivity windows assist in keeping the facility cooled in the summer and warmer in the winter and does not require special cleaning.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	184-Q-18 Supply and Delivery of six (6) plug-in hybrid electric sport utility vehicles (SUVs)
Date:	August 17, 2018
Prepared by:	Raymond Law, Manager, Business & Technical Services, ext. 4852 Flora Chan, Senior Buyer, ext. 3189

PURPOSE/BACKGROUND

To obtain approval to award a contract for the supply and delivery of six (6) plug-in hybrid electric SUVs.

RECOMMENDATION

Recommended Supplier	Mitsubishi Motors Canada via Scarborough Mitsubishi (Lowest Priced Bidder)	
Current Budget Available	\$ 161,800.00	057-6150-18247-005 Corporate Fleet Replacement – Non-Fire
Less cost of award	\$ 161,790.26 <u>(\$ 28,000.00)</u> \$ 133,790.26	Award for four (4) vehicles – 2018 Budget Ontario EV Incentive Rebate for four (4) vehicles Total award amount – 2018 Budget (Inclusive of HST impact)
Budget Remaining after this award	\$ 28,009.74	*

* Of the remaining budget after this award, \$14,238.00 will be utilized for the purposes of “Markhamizing” the vehicles, and the remaining \$13,830.47 will put toward the purchase of two additional vehicles.

Recommended Supplier	Mitsubishi Motors Canada via Scarborough Mitsubishi (Lowest Priced Bidder)	
Current Budget Available	\$ 13,830.47 <u>\$ 60,183.65</u> \$ 74,014.12	057-6150-18247-005 Corporate Fleet Replacement – Non-Fire 2019 Capital Budget
Less cost of Award	\$ 80,895.12 <u>(\$ 14,000.00)</u> \$ 66,895.12	Award for two (2) vehicles – 2019 Budget Ontario EV Incentive Rebate for two (2) vehicles Total award amount – (Inclusive of HST impact)
Budget Remaining after this Award	\$ 7,119.00	*

*The remaining amount will be used for “Markhamization”.

The City’s Municipal Energy Plan has set a target to be net zero emissions by 2050, and included a plan to pursue opportunities for “greening” of the City fleet, in support of the goal. The recent termination of the Ontario Electric Vehicle (EV) incentive program means that EV incentives are no longer available. City Staff have confirmed that there are still vehicles available at dealerships which were registred and eligible for rebates of \$7,000 per vehicle, provided delivery takes place by September 10, 2018. The purchase of two additional vehicles was initially included as part of the 2019 budget, but expedited in order receive the Ontario Electriv Vehicle (EV) incentive rebate. The purchase and Markhamization costs for one of the vehicles will be funded from the Non-DC Capital Contingency, while the purchase and Markhamization of the second vehicle will be funded from Development Charges Reserves.

OPTIONS/DISCUSSIONS

Four of the vehicles being procured are for the By-law Enforcement Division and replace units 6092, 6099, 6138 and 6135, and one vehicle is procured for Roads Operations, and replaces unit 1270. All these units being replaced have had a condition assessment completed by fleet staff and meet the fleet replacement life cycle as identified in the Corporate Fleet Policy for the respective unit type/class. The sixth vehicle being procured is a new addition to the fleet. The five old units will be sold upon delivery of the new units in accordance with Purchasing By-law 2004-341, PART V, Disposal of Personal Property. Proceeds will be posted to account 890 890 9305 (proceeds from the Sale of Other Fixed Assets).

BID INFORMATION

Bid closed on	July 26, 2018
Number picking up document	2
Number responding to bid	2*

* The Ford Escape Hybrid which is being replaced is no longer available. An equivalent replacement is the Toyota RAV4 Hybrid. There are only three manufacturers (Mitsubishi, Tesla and Volvo) that provide a plug-in hybrid electric SUV. The Tesla and Volvo units were excluded due to price.

PRICE SUMMARY: (Inclusive of HST)

Bidder	Bid Price	EV Rebate	Award amount	Vehicle Type
Mitsubishi Canada	\$40,448	\$ 7,000	\$33,448	Mitsubishi Outlander SE Plug-in Hybrid*
Toyota Canada	\$34,478	\$ 0.00	\$34,478	Toyota Rav 4 LE Hybrid**

*The Mitsubishi Outlander Plug-in Hybrid is the only vehicle to provide a fully electric option, and has a 35km EV range. This vehicle averages 3L/100km of fuel consumption.

** The Toyota RAV4 Hybrid has no electric-only capability and averages 7.3L/100km of fuel consumption.

OPERATING BUDGET AND LIFE CYCLE IMPACT

It is estimated that the vehicles will consume between 400-500 litres less fuel annually than comparable non-PHEV vehicles. There is a potential saving to the operating budget based on the reduction in fuel consumed. The new additional vehicle will be included in the Life Cycle Reserve Study as part of the 2019 update.

ENVIRONMENTAL CONSIDERATIONS

The vehicles recommended for award consume zero fuel consumption and zero CO₂ emissions during all-electric driving. When hybrid mode is engaged, the vehicle produces low emissions and excellent fuel efficiency.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	033-R-18 - Consulting Engineering Services for Sediment Removal at Four Stormwater Management Ponds
Date:	July 10, 2018
Prepared by:	Alan Manlucu, Project Engineer, Ext. 2374 Flora Chan, Senior Construction Buyer, Ext. 3189

PURPOSE / BACKGROUND

To obtain approval to award the contract for consulting engineering services for sediment removal at four stormwater management ponds (Pond ID #9, #43, #49 & #70).

Anticipated Project Schedule:

- Phase 1a. Detailed design of pond #9 and #49 – Summer/Fall 2018
- Phase 1b. Construction tender and contract administration of pond #9 and #49 – Spring 2019
- Phase 2a. Detailed design of pond #43 and #70 – Spring 2019
- Phase 2b. Construction tender and contract administration of pond #43 and #70 - Spring 2020

RECOMMENDATION

Recommended Bidder	Wood Environment & Infrastructure Solutions (Highest Ranked & Lowest Priced Bidder)	
Current Budget Available	\$ 159,200.00	Phase 1a & 1b: SWM Pond Cleaning (ID #9 & #49) 058-6150-18277-005
Less cost of award	\$ 79,056.33	Phase 1a – Detailed Design
	\$ 7,905.63	Phase 1a Contingency (10%)
	\$ 67,818.97	Phase 1b Contract Administration*
	\$ 6,781.90	Phase 1b Contingency (10%)
	\$ 161,562.83	Total Award for Phase 1 (inclusive of HST Impact)
	\$ 86,586.58	Phase 2a Detailed Design**
	\$ 8,658.66	Phase 2a Contingency (10%)
	\$ 109,744.09	Phase 2b Contract Administration*
	\$ 10,974.41	Phase 2b Contingency (10%)
	\$ 215,963.73	Total Award for Phase 2 (inclusive of HST Impact)
	\$ 377,526.26	Total Award for Phases 1 & 2
Budget Remaining after this award	(\$ 2,362.83)	Phase 1a & 1b: SWM Pond Cleaning (ID #9 & #49) 058-6150-18277-005***

* The cost estimate for construction administration (Phases 1b and 2b) is based on an estimated construction period of 20 weeks. The construction period may change subject to detailed design.

** The issuance of the purchase order and award of contract for Phase 2 is subject to Council approval of the 2019 Capital budget.

*** The budgetary shortfall of 2,362.83 will be funded from the construction component of the same account (058-6150-18277-005) in the amount of \$977,500. Staff anticipate there is sufficient funds in the construction component to absorb this \$2,362.83 shortfall. The shortfall was mainly due to geotechnical consultant fees that were included in the RFP as required but excluded from original budget.

BID INFORMATION

Bids closed on	Jun 7, 2018
Number picking up bid documents	7
Number of Bidders responding to bid	6

Proposal Evaluation:

The Evaluation Team was comprised of staff from the Environmental Services Department and facilitated by staff from the Procurement Division. Due to the complexity of the project, staff wanted to ensure that bidders had the necessary qualifications and experience to carry out the work and as such, the City released this RFP utilizing a two-stage process.

Stage One (1) – Technical Evaluation:

Under Stage 1 – Technical Evaluation, Bidders were assessed against pre-determined criteria as outlined in the RFP; Experience/Past Performance of the consulting firm 20%, qualifications and experience of the project manager and project team 20% and project delivery 30% totaling 70%. Upon completion of Stage 1 (technical evaluation), the Price Proposal (Bid Form) provided by those Bidders who qualified from Stage 1, (minimum score of 75%, or 52.5 points out of 70 required), proceeded to Stage 2 for price evaluation.

Stage Two (2) – Price Evaluation:

Based on the Stage 1 evaluation, Bidders who received a minimum of 75% or 52.5 points out of 70 proceeded to Stage 2 - Price Evaluation. The price proposal provided by the Bidders is evaluated out of 30 points, based on the criteria outlined in the RFP.

Bidders	Overall Score (out of 100)	Dollar / Technical Score**	Overall Ranking
Wood Environment & Infrastructure Solutions, a Division of Wood Canada Ltd	90.4	\$ 6,392.99	1
AECOM Canada Ltd.	90.4	\$ 6,413.56	2
Cole Engineering Group Ltd.	86.9	\$ 6,908.52	3
KSGS Engineering Corp.	80.8	N/A	4
McIntosh Perry Consulting Engineers Ltd.	78.8	N/A	5
Greenland International Consulting Ltd.	N/A	N/A	N/A

*Financial score out of 30 includes prices for both Design and Contract Administration Services and the Bid prices ranged from \$343,205.97 to \$542,811.66, inclusive of HST Impact.

**The Dollar Cost Methodology (Dollar cost per technical point) is used to determine the successful bid in circumstances where Bid Scores are within 5 or fewer points of the highest overall Bid score. In circumstances where one or more overall Bid score(s) are within 5 or fewer points of the highest overall Bid score, the “dollar cost methodology” shall be used. As identified in the bid document, the dollar cost methodology utilizes a “dollar cost per technical point” calculation with the Successful Bidder being determined by the lowest dollar cost per technical point score.

Wood Environment & Infrastructure Solutions had the lowest dollar cost per technical point score. Additionally, they demonstrated a good understanding of the project, had an experienced and qualified project team and illustrated a comprehensive plan and methodology for the project.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The next sediment cleaning for Ponds #9 and #49 and Ponds #43 and #70 are included in the Life Cycle Reserve Study for years 2038 and 2039 respectively (20 years from the cleanout date). Costs will be adjusted in the Life Cycle Reserve Study accordingly. There are no incremental operating budget impacts.

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. In meeting the requirement of Ministry of Environment and Climate Change (MOECC) Certificate of Approval (C of A) and more recently Environmental Compliance Approval (ECA), the City carries out pond inspections regularly. Sediment levels are monitored and when the accumulated sediment reaches a level where the removal efficiency is reduced by 5%, ponds are cleaned to ensure that the quality control function of the pond is maintained.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	019-R-18 Morgan Pool Revitalization Project – Design Phases 1 and 2
Date:	May 3, 2018
Prepared by:	Heather Atherton, Manager, Community, Ext. 4549 Bob Bell, Community Facility Coordinator, Ext. 3325 Steve Walo, Sustainability & Asset Management, Ext. 2567 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for the planning, schematic design, design development, cost estimating, contract documentation, tender process and contract administration for the revitalization of Morgan Pool. The existing area is comprised of a 25 yard 6 lane pool with office/reception area, change rooms, and a mechanical room which are housed in 3 separate buildings. The new facility will be one building which will contain all the necessary components. Design will comply with City of Markham heritage regulations as outlined in the heritage conservation guideline.

The design services work includes but is not limited to:

- Conversion of existing wading pool, office, reception areas, and change rooms with AODA Compliance;
- Construction upgrades to the following pool area spaces:
 - Staff Viewing
 - Staff/Visitor Pool Change Rooms
 - Men's and Women's Washrooms
 - Mechanical Room
 - Reception
 - Pool Office
 - Pool Storage Rooms
 - Civil and Landscaping
- Design will maximize the space of the existing Morgan Pool complex environment in order to accommodate the swimming programs.
- Universal Change Rooms will be neutral finishes for programming flexibility
- Design includes all required infrastructure for loose and fixed FF&E

The architect will oversee two phases. Phase 1; planning, design, cost estimates, and construction specifications to be completed by December 2018. Phase 2; tender period is scheduled for Spring 2019 and the construction will occur between September 2019 and June 2020 contingent on design and budget approval.

RECOMMENDATION

Recommended Bidder	Lennox Architects (Highest Ranked / Second Lowest Priced Bidder)	
Current Budget Available	\$ 224,100.00	500-101-5699-18152 – Morgan Pool Revitalization
Less cost of award	\$ 152,395.78	Total Project Cost (Inclusive of HST Impact)
	\$ 15,239.58	Contingency (10%)
	\$ 167,635.36	Total Award (Inclusive of HST Impact)
Budget Remaining after this award*	\$ 56,464.64	

*The remaining balance of \$56,464.64 will be returned to the original funding source.

BID INFORMATION

Bids closed on	March 16, 2018
Number picking up bid documents	9
Number responding to bid	5

PROPOSAL EVALUATION

The evaluators were comprised of staff from the Recreation and Sustainability & Asset Management Departments and facilitated by staff from the Procurement Division. Bidders were assessed against pre-determined technical criteria as outlined in the RFP; Qualifications/Performance of the Company 25%, Qualifications/Experience of the Lead Designer and Team 25%, Project Understanding, Methodology, Management 20%, and Pricing 30%.

Bidders	Total Score (100 points)
Lennox Architects	79.69
Studio Arriojas	73.00
Moon-Matz Ltd.	66.75
Bill Lobb Architect	66.21
ZAS Architects Inc.	59.67

Lennox Architects (Lennox) showed a strong understanding of the project and has a qualified project team that has over 15 years of related design experience. Staff invited the principal architect to further elaborate on the project and illustrate their vision and methodology. Staff found Lennox to be well suited for the project and are confident in their ability to execute the project. Furthermore, the Architect successfully completed 9 total projects for other municipalities such as Burlington, Mississauga, Oakville, Richmond Hill and Toronto. The price from bidders ranged from the lowest of \$116,291.70 to the highest of \$302,169.20.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The operating budget and life cycle impact will be determined upon completion of the design phase.

ENVIRONMENTAL CONSIDERATIONS

Sustainable design principles will be incorporated into the project where applicable.



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	095-T-18 Centennial Community Centre Arena Board Frame and Plastic Replacement
Date:	April 26, 2018
Prepared by:	Bob Bell, Community Facility Coordinator, Ext. 3325 Alex Giammarco, Supervisor, Community Facility, Ext. 4338 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for the disposal and replacement of the arena board frames and plastics at the Centennial Community Centre.

The work includes:

- Remove and dispose of existing dasher boards;
- Replace structural steel supports and make good existing finishes;
- Replace dasher board framing, gates and hardware;
- Replace players benches and supports;
- Remove and replace existing player and spectator netting;

All the work is scheduled to be completed by June 2018.

RECOMMENDATION

Recommended Bidder	Sound Barriers (Sole Bidder)	
Current Budget Available	\$ 130,000.00	500-101-5399-18131 (Arena Board and Plastic Replacement)
Less cost of award	\$ 107,102.40	Cost of Award (Inclusive of HST)
	\$ 10,710.24	Contingency (10%)
	\$ 117,812.64	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 12,187.36	*

*As per condition assessment, the window replacement (estimated at ~\$50,000) was deemed to be unnecessary at this time. The remaining balance of \$62,187.36 will be returned to the original funding source.

BID INFORMATION

Advertised	Electronic Tendering Network
Bids closed on	April 20, 2018
Number picking up bid documents	4
Number responding to bid	1*

*Staff contacted registered plan takers to determine why no Bid was received. Their response was that they were unable to meet project deadlines due to staffing and fabrication lead time.

PRICE SUMMARY

Sole Bidder	Bid Price (Inclusive of HST)
Sound Barriers	\$107,102.40

*This is a niche market with limited local contractors who can provide this service. In 2012 Sound Barriers replaced the tempered glass and structural supports at the Centennial arena and were again commissioned to replace the Thornhill Community Centre's arena rink boards with positive feedback from City staff.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no impact to Life Cycle or incremental impact to the Operating budget.

ENVIRONMENTAL CONSIDERATIONS

Through the procurement process, we have required that all demolished materials be recycled or disposed of in an environmentally friendly manner. Where possible, contractor will salvage existing components to be reused.

**STAFF AWARD REPORT**

Page 1 of 2

To:	Morgan Jones, Director, Operations
Re:	108-Q-18 Hired Graders
Date:	June 11, 2018
Prepared by:	Bob O'Hara, Supervisor, Roads Ext. 2288 Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE/BACKGROUND

To obtain approval to award the contract for a hired grader to flat grade the grounds at the Markham Fairgrounds, 8100 Warden Avenue and Milne Dam. The contract term is one (1) year with an option to renew the contract for two (2) additional years with a \$10/hour increase in 2019 from \$150/hr. to \$160/hr. (excluding HST), and a further \$10/hour increase in 2020, from \$160/hr. to \$170/hr. (excluding HST). The work will commence in the spring of each year.

RECOMMENDATION

Recommended Bidder	Elirpa Construction & Materials Ltd. (Sole Bidder)	
Current Budget Available	\$ 54,159.00	700-501-5501 Roads Hired Equipment
Less cost of award	\$ 19,843.20	2018 Inclusive of HST
	\$ 21,166.08	2019 Inclusive of HST*
	<u>\$ 22,488.96</u>	2020 Inclusive of HST*
	\$ 63,498.24	Total Cost of Award
Budget Remaining after this award	\$ 34,315.80	**

*Subject to Council approval of the 2019-2020 budgets. Award amount is based on an estimated 130 hours at an hourly rate of \$152.64/hr. (Incl. of HST).

** The remaining balance in the amount of \$34,315.80 will be used for other operating expenditures as budgeted for in this account (vac truck rental, roller rental, graffiti removal and curb cuts).

BID INFORMATION

Bid closed on	May 24, 2018
Number of contractors picking up bid documents	2*
Number of contractors responding to bid	1

* The bidder that picked up the bid document but did not submit a bid advised that the project was too small. Staff also contacted bidders that had interest in previous years and two contractors advised that they were too busy and one bidder did not respond. Moreover, the previous contractor who carried out the work in past years (2014-2017) is no longer providing this service.

This contract is based on an estimated 130 hours per year and at different locations throughout the City. The contractor provides the grader unit, labour, fuel and transportation of the grader to each site using a truck float.

PRICE SUMMARY

Sole Bidder	Price / Hr. (Inclusive HST)
Elirpa Construction & Materials Ltd.	\$ 254.40

Note: As compared to the previous contract (2014-2017) the hourly rate has increased by \$66.15/hr. (Incl. of HST).

As outlined in Section 17.2 of the City's *General Terms and Conditions*, "The City reserves the right, in its sole discretion, to negotiate with the lowest priced Bidder...in the event that the Bid prices submitted by the Bidders exceed the City's budget..." Staff reviewed potential opportunities and entered into negotiations with the sole bidder which resulted in a unit price reduction of \$101.76 (Incl. of HST). Staff confirmed that the negotiated rate is reasonable as the rate applied for the City's winter maintenance graders average \$146.81/hr. (Incl. of HST) with a daily standby rate of \$155.13 (Incl. of HST). This contract does not include a daily standby rate and is only on an 'as required' basis.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The 2019 and 2020 operating budgets will be adjusted accordingly, subject to Council approval of the 2019 and 2020 operating budgets. There is no incremental impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A



STAFF AWARD REPORT

To:	Mary Creighton, Director, Recreation Services
Re:	133-Q-18 Mount Joy Community Centre Condenser Replacement
Date:	June 12, 2018
Prepared by:	Bob Bell, Community Facility Coordinator, Ext. 3325 Lorne DeHaas, Supervisor, Community Facility, Ext. 3351 Darius Chung, Senior Buyer, Ext. 2025

PURPOSE/BACKGROUND

To obtain approval to award the contract for the condenser replacement at Mount Joy Community Centre.

All the Work is scheduled to be completed by August, 2018.

RECOMMENDATION

Recommended Bidder	CIMCO Refrigeration (Sole Bidder)	
Current Budget Available	\$ 89,500.00	500-101-5399-18154 (Condenser Replacement)
Less cost of award	\$ 79,934.52	Cost of Award (Inclusive of HST)
	\$ 7,993.45	Contingency (10%)
	\$ 87,927.97	Total Cost Of Award (Inclusive of HST)
Budget Remaining after this award	\$ 1,572.03	*

*The remaining balance of \$1,572.03 will be returned to the original funding source.

BID INFORMATION

Bids closed on	June 1, 2018
Number picking up bid documents	3
Number responding to bid	1*

*Staff contacted the two plan takers who did not submit a bid and determined that they were unable to fulfill the project schedule of completion by August 2018. The City does not have an option to extend this completion date since Mount Joy arena is required to be operational by September 1, 2018. Additionally, delaying this project for another year is also not an option as the condenser unit was originally installed in 1996 and has gone through numerous repairs over the past few years. This condenser has surpassed its life expectancy and failure will result in an inoperable refrigeration system.

PRICE SUMMARY

Sole Bidder	Bid Price (Inclusive of HST)
CIMCO Refrigeration	\$79,934.52

*To ensure price competitiveness, Staff reviewed previous condenser awards. CIMCO Refrigeration (CIMCO) was awarded the 2016 Milliken Mills condenser replacement as the lowest priced bidder. They were 8% lower than the 2nd lowest priced bidder and 48% lower than the 3rd lowest priced bidder. Under this award, CIMCO costs have increased by 8% due to increased labour and equipment costs (condensers are sourced from the U.S.).

CIMCO has been the lowest priced bidder on all arena refrigeration contracts (condenser, dehumidifier replacement, refrigeration replacement) since 2008. Additionally, CIMCO provides all-inclusive 24 hour, seven-days per week full service preventative maintenance and repairs for all arena refrigeration equipment.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget impact. The replacement cost will be adjusted accordingly in the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

The new condenser will be more energy efficient and reduce noise pollution.



STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	096-S-18 Replacement of Huntington Park Twin Culvert with a Pedestrian Bridge - Design
Date:	June 7, 2018
Prepared by:	Shipra Singh, Manager, Infrastructure Capital Planning Flora Chan, Senior Buyer

PURPOSE/ BACKGROUND

To obtain approval to award the contract for design services to replace twin culverts with a pedestrian bridge at Huntington Park.

The City leases Huntington Park from Infrastructure Ontario "IO", previously known as Infrastructure and Lands Corporation "OILC" (see attached map). There is a pedestrian pathway crossing German Mills Creek within the park. The structure over the creek is a twin corrugated steel pipe (3.5m x 2.1m CSP) culverts, which was originally installed prior to 1967 and are severely damaged.

The scope of the permanent solution includes removal of the existing deteriorated culvert crossing and installation of a free span bridge that will accommodate multi-use recreational activities and light duty maintenance vehicle access.

Timeline:

- Design Award – June 2018
- Design Completion – January 2019
- Construction Public Tender – February 2019 (subject to 2019 capital budget approval)
- Construction Commencement - April 2019
- Construction Completion – August 2019

RECOMMENDATION

Recommended Bidder	Toronto and Region Conservation Authority "TRCA" (Non-Competitive Procurement)	
Current Budget Available	\$ 74,862.80	058-6150-18266-005 Culverts Rehabilitation
Less cost of award	\$ 68,057.09	Design Award
	\$ <u>6,805.71</u>	Contingency (10%)
	\$ 74,862.80	Total Award
Budget Remaining after this award	\$ 0.00	

Note: Budget for construction and contract administration will be requested through 2019 Capital budget request process.

Staff further recommends

THAT the Tender process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11, item 2 (e) which states "Request for Tenders, Requests for Proposals and Requests for Quotations may not be required for goods and services to be provided by Toronto and Region Conservation Authority (TRCA)

OPTIONS/DISCUSSION

Staff recommends a non-competitive contract award to TRCA based on the following rationale:

Cost Savings

- As TRCA reviews and is the permitting agency under Regulation 166/06, TRCA has the authority to do work within watercourses which would otherwise require a permit from TRCA and take a considerable amount of time to obtain given the pre-existing site conditions. The permit cost is \$5,500 and will be waived by TRCA.

Efficiency & Interchangeability

In 2016, TRCA was retained by the City to carry out emergency remedial works at Huntington Park to address the sink hole over the culvert crossing in order to maintain public use of pathway. The interim stabilization work was completed by TRCA in May 2017 and the pathway was opened for pedestrian traffic. TRCA's site knowledge gained from this earlier work, existing survey and other baseline environmental information can be seamlessly transferred to this project.

In addition to a TRCA permit, this project also requires permits from Ministry of Natural Resources, Department of Fisheries and Oceans Canada, Ontario Heritage Act (Archaeological) approval and Utility approval (Hydro One, Enbridge). TRCA will be able to expedite these permit approvals and mitigate any delay to this project.

Technical Expertise

TRCA has the resources and equipment to carry out some of the restoration work required and has long standing history and demonstrated expertise in conducting crossing and channel restoration works.

Proven Track Record

Besides the interim stabilization work completed for this project, TRCA has successfully completed numerous projects for City's Engineering, Waterworks and Operations Departments.

Urgency

In late 2017, the lease agreement was amended to include the culvert and pathway lands and IO agreed to contribute up to \$100,000.00 for the culvert replacement, provided the works are completed by Sept 30, 2019. In order to meet this condition, design has to be carried out in 2018.

OPERATING BUDGET AND LIFE CYCLE IMPACT

2018 life cycle includes for \$423.5k for replacement of these culverts. There is no incremental Operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

The eroded approach channel will be restored as part of the project.



STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	003-S-18 Supply and Delivery of Five (5) 60" Zero-Turn Mowers
Date:	June 7, 2018
Prepared by:	Raymond Law – Manager, Business & Technical Services, Ext. 4852 Flora Chan – Senior Buyer, Ext. 3189

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of five (5) 60" zero-turn mowers to replace existing fleet units 4208, 4215, 4311, 4485 and 4486. All units identified for replacement in this report have had condition assessments completed by Fleet staff and meet the fleet replacement life cycle of 8 years as identified in the Corporate Fleet Policy for the respective unit type/class.

RECOMMENDATION

Recommended Bidder	B.E. Larkin Equipment Ltd. (Non-competitive Procurement)	
Current Budget Available	\$68,500.00	057-6150-18247-005 Corporate Fleet Replacement – Non-Fire
Less cost of award	\$68,433.60	Total Award Inclusive of HST Impact
Budget remaining after this award	\$66.40	*

* The budget remaining after this award of \$66.40 will be returned to the original funding source.

Staff further recommends:

That the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11.1(e) that states "Where the City is acquiring equipment, in which case the sources of supply may be identified based on technical specifications prepared by the User Department staff." and Part II, Section 11.1(h) "Where it is necessary or in the best interests of the City to acquire non-standard items from a preferred bidder who has a proven track record with the City in terms of pricing, quality and service."

OPTIONS/DISCUSSIONS

The City currently has 39 zero-turn mower units within its fleet. Of the 39 units, 7 units are manufactured by Hustler and the remaining 32 units are manufactured by Kubota. Staff recommends to standardize the fleet with Kubota units for the following reasons:

Cost competitiveness

Over the last six (6) tenders during the period 2007-2016, the City has awarded the contracts through a competitive process to the lowest priced bidder. B.E. Larkin Equipment Ltd. (Ontario distributor for a Kubota unit) was awarded five (5) of the six (6) tenders. The one (1) tender they were not the lowest priced bidder was in 2016, at that time the City awarded the contract York Region Equipment Centre (Distributor of a Hustler unit).

The benefit of the Hustler was the initial cost (\$13,228), however, these units have not performed as well as the Kubota. Other than the 2016 award, the Kubota unit has consistently been the lower priced unit, ranging from \$2,000 to \$8,500 lower in cost than other competitors such as Grasshopper and John Deere.

Maintenance Costs

When comparing the maintenance costs incurred within the first two years of ownership, the Kubota's unit averages a maintenance and repair cost of \$690, whereas the Hustler units have an average maintenance and repair cost of \$2,045.

Product Design

Other than cost, the primary difference between the Kubota and Hustler unit is the drive system, mower deck height and accessibility of the hub and bearings for greasing. The hustler unit drive system is more susceptible to wear and damage, and frequently come off during operation. The mower deck height is manually adjusted requiring operators to physically lift or press with their legs to adjust the mower heights. Additionally, the hub and bearings are accessible from the bottom side of the mower which is not efficient for preventative maintenance requirements.

OPTIONS/DISCUSSIONS

In contrast, the Kubota unit is more mechanized, the drive system has an output shaft from the engine that feeds into a gearbox, which drives the mower blades and eliminates need of operators to refit the belt to the pulley system in the field. The mower deck height is adjusted using hydraulics and reduces time spent on adjusting for various terrain.

The grease fittings for the hubs are located on the top side of the mower deck for ease of preventative maintenance to reduce premature damage / failure.

FINANCIAL CONSIDERATIONS

Units 4208, 4215, 4311, 4485 and 4486 will be sold upon delivery of the new units in accordance with Purchasing By-law 2017-8, PART V, Disposal of Personal Property. Proceeds will be allocated to the life cycle replacement and capital reserve fund.

The initial quote provided by Kubota was \$14,800 per unit (\$15,060.48 inclusive of HST impact). Staff negotiated a price of \$13,450 pre-tax (\$13,686.72 inclusive of HST impact) which represents a savings of \$1,350 per unit (\$6,750 in total) or a 9.12% savings from the original quotation.

Staff are confident that the negotiated price is very competitive as it is lower than the previous bid submission for an equivalent Kubota unit in 2016.

OPERATING AND LIFE CYCLE IMPACT

There is no incremental operating impacts related to the five (5) 60" zero-turn mowers as they are replacements for existing units. There is no incremental impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

All units in this award utilize the most current technology, reducing overall engine emissions.



STAFF AWARD REPORT

To:	Graham Seaman , Director, Sustainability & Asset Management
Re:	034-Q-18 - Engineering Consulting Services for Building Envelope and Structural Review – Various Buildings
Date:	April 23, 2018
Prepared by:	Michael Ryan, Facility Engineer. ext. 2563 Flora Chan, Senior Buyer, ext. 3189

PURPOSE/ BACKGROUND

To obtain approval to award the contract for engineering consulting services for building envelope and structural review for the following 15 buildings:

- Angus Glen Tennis Centre
- Cedar Grove Community Centre
- Central Parks Shop
- Cornell Community Centre (includes parkade)
- Fire Station No. 97
- German Mills Community Centre
- Markham Train Station
- McKay Arts Centre
- Museum Bandstand
- Thornhill Recycling Depot
- Too Good Pond Pavilion
- Varley Art Gallery
- Victoria Square Park Shelter
- Victoria Square Park Washroom
- West Parks Shop

The scope of work includes detailed structural and building envelope assessments to identify anticipated capital repairs over the next 25 years.

Work Schedule: May 2018 to December 31, 2018.

RECOMMENDATION

Recommended Bidder	Pinchin Ltd. (Highest Ranked/ Lowest Priced Bidder)	
Current Budget Available	\$ 76,500.00	270-101-5699-18088 (Building Envelope/Structural Review)
Less cost of award	\$ 46,692.58 <u>\$ 4,669.26</u> \$ 51,361.84	Cost of Award * Contingency @ 10% Total Cost of Award (with HST Impact)
Budget Remaining after award	\$ 25,138.16	**

*Award amount includes a cash allowance of \$30,528.00 for building envelope and structural testing as necessary in order to determine the building condition. The testing requirement can only be determined after visual review and a detailed investigation. The estimate was based on previous contract experience.

**Remaining budget of \$25,138.16 will be returned to original funding source upon project completion.

BID INFORMATION

Bids closed on	March 1, 2018
Number picking up bid documents	31
Number responding to bid	14

PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from the Sustainability & Asset Management Department with staff from Procurement Division 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%.

Bidders	Total Score (100 points)	Overall Ranking
Pinchin Ltd.	86.0	1
Thornton Tomasetti Canada Inc.	84.9	2
TSS Building Science Inc.	81.0	3
Stephenson Engineering Limited	80.2	4
Building Technologies Consulting Inc.	79.8	5
IRC Building Sciences Group	73.3	6
BOLD Engineering Inc.	69.3	7
Accent Building Sciences Inc.	64.9	8
CDW Engineering	63.5	9
Tacoma Engineers Inc.	60.8	10
Read Jones Christoffersen Ltd.	53.0	11
J.P. Samuel & Associates	51.0	12
Pretium Anderson Toronto Inc.	48.0	13
Grand Canada Engineering Ltd.	32.0	14

*The prices ranged from \$46,692.58 to \$220,971.84, and includes a testing allowance of \$30,528.00.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget.

The output of this project will be used to update life cycle data and planning of capital repairs and therefore there is no incremental life cycle impact identified at this time.

ENVIRONMENTAL CONSIDERATIONS

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



STAFF AWARD REPORT

	Trinela Cane, Commissioner, Corporate Services
Re:	112-T-18 Roof Replacement for Markham Senior's Centre and Fire Station No. 94
Date:	June 22, 2018
Prepared by:	Michael Ryan, Facility Engineer, Asset Management Ext. 2563 Flora Chan, Senior Buyer, ext. 3189

PURPOSE / BACKGROUND

To obtain approval to award the contract to remove the low-sloped roofs at the Markham Seniors Centre and Fire Station No. 94 (7300 Birchmount Rd) and replace with inverted 2-ply modified bitumen systems. These buildings were identified for roof replacement as per condition assessment.

Work will commence upon award with an estimated completion timeline of September 2018. The work will not disrupt normal building operations.

RECOMMENDATION

Recommended Bidder	Applewood Roofing and Sheet Metal Ltd. (Lowest Priced Bidder)	
Current Budget Available	\$ 517,992.39	750-101-5399-18101 Roofing Replacement Projects
Less cost of award	\$ 232,954.08 \$ 23,295.41 \$ 256,249.49	(Includes HST) Contingency @ 10% Total Cost of Award
Budget remaining after this award	\$ 261,742.90	*

* The remaining budget will be returned to original funding source. The favourable variance was mainly due to the reuse of existing insulation material, as per Consultant's recommendations.

BID INFORMATION

Bid closed on	May 29, 2018
Number picking up document	20
Number responding to bid	9*

* One bid was rejected due to inability to meet the mandatory requirement of being an active member of the Ontario Industrial Roofing Contractors Association or Canadian Roofing Contractors Association.

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Applewood Roofing and Sheet Metal Ltd.	\$ 232,954.08
E-D Roofing Ltd	\$ 257,988.06
Trio Roofing Systems Inc.	\$ 266,280.48
Proteck Roofing & Sheet Metal	\$ 267,241.09
T Hamilton & Son Roofing Inc	\$ 273,352.80
Trinity Roofing Ltd.	\$ 277,016.16
Crawford Roofing Corporation	\$ 361,680.48
Sproule Specialty Roofing Limited	\$ 370,024.80

OPERATING BUDGET AND LIFE CYCLE RESERVE IMPACT

There is no incremental operating budget impact and no incremental life cycle impact over the next 25 years.

ENVIRONMENTAL CONSIDERATIONS

To reduce the environment impact of the work environmentally friendly products were specified. As specified in the bid document, the old/existing roofs will be disposed of at an authorized dump, waste treatment site or recycling facility by the Contractor, and will be disposed of in accordance with applicable by-laws and regulations.



STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	163-S-18 Municipal Elections 2018, Voting Location Technology Rentals & Professional Services
Date:	July 19, 2018
Prepared by:	Carlie Turpin, Manager, Elections ext. 2083 Lyrae Ignacio, Client Advisor ext. 2287 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

PURPOSE/BACKGROUND

The purpose of this report is to obtain approval to award the contract for voting location technology rentals and professional services.

Markham has utilized online voting with the last four consecutive binding Municipal Elections (2003, 2006, 2010 and 2014). The 2018 Municipal Election model includes an extension of online voting up to and including voting day and a reduction in the number of vote tabulators used. To further support the selected election model, the City will require technology in all of its voter assistance centres including laptops, printers and tablets.

The scope of work of this contract is as follows:

Part 1. Provide Rental Equipment to support the pre-Election testing activities, the Revision, Early Voting and the Voting Day events. Equipment provision includes configuration of the following:

- 231 Laptops with USB mouse and power supply
- 28 handheld barcode scanners
- 28 barcode scanner stands
- 345 wifi/cellular iPad tablets
- 24 iPad cases with hand strap for mobile use
- 300 lockable table top tablet stands
- 75 rectangular tables to attach tablet stands and tablets
- 13 laser printers, including 13,000 pages of letter size printer paper

Part 2. Provide equipment for configuration & testing purposes at no charge as identified in part 1.

Part 3. Conduct a trial or dry run testing exercise in coordination with Markham Information Technology Services staff and election staff.

Part 4. Provide Professional Services related to equipment configuration, site deployment/setup, on-call/on-site support, dismantling and transfer of deployed equipment in support of the voting activities.

RECOMMENDATION

Recommended Bidder	MCR Rental Solutions (Non-Competitive Procurement)	
Current Budget Available	\$ 144, 917.00	310 311 7872
Less cost of award	\$ 113,091.99	Total Award (Inclusive of HST Impact)
Budget Remaining after this award	\$ 31,825.01	*

*The remaining budget in the amount of \$31,825.01 will be used for other budgeted items for the 2018 Municipal Election.

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;"

OPTIONS / DISCUSSIONS

Legislative Services worked closely with ITS Department to develop the requirement for this project, including incorporating a number of detailed technical requirements around security, functionality, ease of use, ability to leverage voters' list data on a real-time basis and overall voting data integrity. Both the business and technical requirements for this project included a number of dimensions focused on security, accessibility and functionality.

OPTIONS / DISCUSSIONS (Continued)

Staff is of the opinion that MCR Rental Solutions ("MCR"), the incumbent since 2010, is uniquely qualified to meet all of the scope of work requirements and deliverables of this contract. This includes not only the business and technical requirements of the rental equipment, but also the required professional services for on-site support. The professional services requirement is an integral component of this project; required to ensure a smooth setup, delivery, and ongoing technical support during the voting period.

The research conducted by staff concluded that MCR is the only vendor that can provide both the required volume of rental equipment and the professional (maintenance and support) services as their core business. MCR will streamline during the municipal elections the required business processes and features as discussed above. Further, MCR meets the City's requirements by providing:

- **Quality Services:** MCR has a proven track record for quality service and design excellence with the City of Markham, as well as for clients across the GTA and Ontario.
- **Full Service Solution/Advanced Capability:** The extent of the full-service solution available from MCR for equipment rental and professional support services is not available through any other vendors.
- **Price:** The quoted prices provided by MCR for technology rentals are superior to the rates provided by the other equipment rental vendors in the market in terms of cost and scope of services offered. Staff undertook an analysis of MCR's rental laptop and iPad rates to ascertain its competitiveness and value. Other IT firms typically charge \$175 per laptop and \$160 per iPad for a one-week rental, with a total cost estimate of \$108,650. MCR has quoted a cost of \$80 per rental laptop and \$76 per iPad with a total cost estimate of \$50,645 (53% lower in cost).

Furthermore, other IT firms have confirmed that they are unable to provide a full-service solution to the City for the following reasons: (1) they have insufficient quantities to fulfill the order (2) unable to provide essential equipment such as bar code scanners, lockable iPad mounts, and iPad mounting tables, and (3) unable to provide professional services required for equipment testing, setup, onsite support and removal.

Staff do not recommend splitting the recommended award into two parts: (1) equipment rentals; and, (2) professional services. This will hinder a seamless setup and support of the rental equipment during the Municipal Election. Staff are recommending that MCR be awarded the contract as the only vendor who can provide a turnkey solution.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A

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

To:	Andy Taylor, Chief Administrative Officer
Re:	121-T-18 Hwy 48 Park (Markham Museum) – Construction
Date:	July 6, 2018
Prepared by:	Linda Irvine, Manager, Parks & Open Space Development, Ext. 2120 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

PURPOSE / BACKGROUND

To obtain approval to award the contract for the construction of the Hwy 48 Park (Markham Museum). The Hwy 48 Park (Markham Museum) is located immediately north of the Markham Museum at 9350 Hwy. 48 Markham Road in the City of Markham.

Hwy 48 Park (Markham Museum) will consist of the following features: site preparation and grading of site; concrete paving; planting and sodding; site furnishings; playground installation; and park pavilion. The tender specified that the contractor will complete this park by June 2019.

RECOMMENDATION

Recommended Bidder	Loc Pave Construction Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 1,529,216.22	081-5350-15036-005 Wismer Hwy 48 Museum Park North (Markham Museum Park) – Construction
Less cost of award	\$ 1,052,292.53	Construction
	\$ 63,137.55	Contingency (6%)
	\$ 1,115,430.08	Total (Inclusive of HST)
	\$ 100,388.71	Internal Management Fee @ 9%
	\$ 1,215,818.79	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 313,397.43	*

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

BID INFORMATION

Bid closed on	June 15, 2018
Number picking up document	15
Number responding to bid	8

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Loc Pave Construction Limited	\$ 1,052,292.53
Melfer Construction Inc.	\$ 1,092,902.40
Mopal Construction Limited	\$ 1,166,839.18
Greenspace Landscaping and Property Services Inc.	\$ 1,174,337.88
Pine Valley Corporation	\$ 1,221,104.74
M & S Architectural Concrete Ltd.	\$ 1,322,251.31
Cambium Site Contracting Inc.	\$ 1,340,652.09
Midome Construction Services Ltd.	\$ 1,535,558.40

OPERATING BUDGET AND LIFE CYCLE IMPACT

The Operations Department has reviewed the project and supports the future maintenance requirements. Future requirements for Hwy 48 Park (Markham Museum) include grass cutting and trimming, litter pick-up, garbage disposal and playground inspections.

The Hwy 48 Park (Markham Museum) is 0.67 hectares (1.65 acres) and the budgeted cost per hectare is \$8,941 / ha (2019 budgeted rate). Therefore, the incremental operating budget impact is \$5,990.47 ($\$8,941 \times 0.67$). This operating increase has been included in the 2019 Operating budget, subject to Council approval. The life cycle impact is \$892K (80% of the total construction costs) over the next 25 years. Staff will update the Life Cycle Reserve Study at the next update to incorporate the various components of the park. Operations, Asset Management, Recreation and Procurement were consulted during the process.

ENVIRONMENTAL CONSIDERATIONS

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

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

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

To:	Andy Taylor, Chief Administrative Officer
Re:	122-T-18 Greensborough Gord Weeden Park – Construction
Date:	July 26, 2018
Prepared by:	Linda Irvine, Manager, Parks & Open Space Development, Ext. 2120 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

PURPOSE / BACKGROUND

To obtain approval to award the contract for the construction of the Greensborough Gord Weeden Park. This park is located on the corner of Swan Park Road & Alfred Patterson Drive.

Greensborough Gord Weeden Park will consist of the following features: site preparation and grading of site; tree removals; drainage piping and culverts; granite boulder retaining walls; limestone screening pathway in woodlot; concrete pathways; forest pods of engineered wood carpet with granite boulder seating, stepping stones, log seating and edges, log benches, wood frames, balance logs; wood play sculpture and planting and sodding. The tender specified that the contractor will complete this park by November 2018.

RECOMMENDATION

Recommended Bidder	Greenspace Landscaping and Property Services Inc.(Lowest Priced Bidder)	
Current Budget Available	\$ 567,577.00	081-5350-17010-005 Greensborough Gord Weeden Park – Construction
Less cost of award	\$ 441,169.80	Construction
	\$ 30,881.89	Contingency (7%)
	\$ 472,051.69	Total (Inclusive of HST)
	\$ 42,484.65	Internal Management Fee @ 9%
	\$ 514,536.34	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 53,040.66	*

*The remaining funds in the amount of \$53,040.66 will be returned to the original funding source.

BID INFORMATION

Bid closed on	July 19, 2018
Number picking up document	12
Number responding to bid	6

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Greenspace Landscaping and Property Services Inc.	\$ 441,169.80
Pine Valley Corporation	\$ 474,279.38
Forest Ridge Landscaping Inc.	\$ 536,280.73
Cedargreen Landscape Contractors Ltd.	\$ 541,544.33
M & S Architectural Concrete Ltd.	\$ 544,454.67
C&C Built Right Ltd	\$ 613,326.60

OPERATING BUDGET AND LIFE CYCLE IMPACT

The Operations Department has reviewed the project and supports the future maintenance requirements. Future requirements for Greensborough Gord Weeden Park include grass cutting and trimming, litter pick-up, garbage disposal and wood play sculpture inspections.

The Greensborough Gord Weeden Park is 2.62 hectares (6.48 acres) and the budgeted cost per hectare is \$ 8,796 / ha (2018 budgeted rate). Therefore, the incremental operating budget impact is \$ 23,045.52 (\$8,796/ha x 2.62 ha). This operating increase has been included in the 2018 Operating budget. The life cycle impact is \$377.6K (80% of the total construction costs) over the next 25 years. Staff will update the Life Cycle Reserve Study at the next update to incorporate the various components of the park.

Operations, Asset Management, Recreation and Procurement were consulted during the process

ENVIRONMENTAL CONSIDERATIONS

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

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

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

To:	Andy Taylor, Chief Administrative Officer
Re:	136-T-18 Construction of Whistling Cessation Measures (Phase 3 of 3)
Date:	June 28, 2018
Prepared by:	Julie Sharma, Senior Capital Works Engineer Ext. 2354 Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE/ BACKGROUND**Construction Award (Item 1)**

To obtain approval to award the contract for whistling cessation measures on two (2) rail crossings in the City of Markham.

The safety enhancements at the railway crossings include the installation of pedestrian signal warning gates, maze barriers, warning signs, sidewalk improvements and pavement markings at the following locations;

- Three (3) Pedestrian Signal Warning Gates to be installed at Denison Street:
- Two (2) Maze Z Barriers to be installed at 16th Avenue

The project is expected to commence in July 2018 and be substantially completed by August 14th, 2018

RECOMMENDATION

Recommended Bidder	Grascan Construction Ltd. (Lowest Priced Bidder)	
Current Budget Available	\$ 2,354,100.82	083-5350-17038-005 Anti-Whistling (Phase 3 of 3)
Less cost of award	\$ 511,242.24	Construction (Incl. of HST)*
	\$ 12,923.52	Provisional Items
	\$ 52,416.58	Contingency @ 10%
	\$ 576,582.34	Total Construction Award (Incl. of HST)
	\$ 69,892.41	Internal Construction Administration Fee
	\$ 646,474.75	Total Cost of Award
Budget Remaining after this award	\$ 1,707,626.07	**

*The award amount includes cash allowances in the amount of \$33,072 for utility locates, paid duty police, traffic protection and control and compaction and material testing by third parties.

**The remaining budget will be used for phase 3 flagging and locate services.

Staff further recommends that the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11.2 "Request for Tenders, may not be required for goods and services to be provided by any of the following: "Provincial and federal government agencies or Crown corporations:"

Flagging and Locate Services (Item 2)

To obtain approval to award the contract for flagging services in order to provide track protection services with the primary focus of providing trained and qualified employees to protect various civil works while Metrolinx's commuter rail corridors and train services remain on schedule.

RECOMMENDATION

Recommended Bidder	Metrolinx (Non Competitive Procurement)	
Current Budget Available	\$ 1,707,626.07	083-5350-17038-005 Anti-Whistling (Phase 3 of 3)
Less Cost of Award	\$ 64,312.32	Flagging and Locate Services (Incl. of HST)*
Budget Remaining after this award	\$ 1,643,313.75	**

*The locate fees for the two crossings is \$1,628.16 x 2 locations = \$3,256.32 (Incl. of HST) and the flagging fee is \$1,628.16 per day based on an estimated 15 working days x 2.5 crews is \$61,056 (Incl. of HST).

**The budget remaining of \$1,643,313.75 will be returned to the original funding source.

BID INFORMATION

Bid closed on	June 19, 2018
Number picking up document	9
Number responding to bid	3

PRICE SUMMARY (Inclusive of HST)

Bidders	Bid Price	Provisional Items*	Total Price
Grascan Construction Ltd.	\$ 511,242.24	\$12,923.52	\$ 524,165.76
Four Seasons Site Development Ltd.	\$ 517,307.14	\$23,201.28	\$ 540,508.42
Aqua Tech Solutions Inc.	\$ 767,259.42	\$42,650.19	\$ 809,909.61

* Staff have included the removal and reinstallation of the existing curb, Hydrovac truck and excavation / backfill of soft spots by granular 'A' in the award of this contract. These Provisional items may or may not be required in the performance of the work. If there not required, the amount will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating impact is as follows:

- 1) Sidewalk maintenance is \$2,870/year, based on 820 m² x \$3.5/m².
- 2) The signal cost is \$77,004/year based on \$279/signal x 23 signals x 12 months.
- 3) Maze barrier maintenance is \$2,600/year for snow removal within the maze infrastructure.

The total incremental annual operating budget impact is \$82,474 (\$2,870 + \$77,004 + \$2,600).

Signals have a lifespan of 10 years and therefore will be replaced twice over the next 25 years for a total of \$695,240 (\$347,620 x 2 replacements). A maze barriers has a lifespan of 15 years and therefore the life cycle impact over the next 25 years is \$324,000 (\$18,000/maze barrier x 18 barriers). Other components such as sidewalks have a useful life that exceeds 25 years and therefore do not impact the 25 year life cycle.

The total life cycle impact over the next 25 years is \$1,019,240 (\$695,240 + \$324,000).

ENVIRONMENTAL CONSIDERATIONS

The Contractor shall remove all debris and transport to an authorized dump, waste treatment site or recycling facility as identified in the tender. Any removed asphalt and concrete under this contract may be recycled dependent on the quality of the material.



STAFF AWARD REPORT

To:	Brian Lee, Director, Engineering
Re:	140-Q-18 Rectify Defective Sanitary Sewer & Pavement on Richard Maynard Crescent
Date:	July 5, 2018
Prepared by:	Kay Man Poon, Manager, Municipal Inspections Ext. Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE/BACKGROUND

To obtain approval to award the contract for rectification of a defective sanitary sewer and pavement on Richard Maynard Crescent. Approximately 9m of the existing sanitary sewer in front of #27 Richard Maynard Crescent must be replaced to rectify a sag in the pipe. As part of the scope of work sanitary services along the replaced portion of the sewer are to be reconnected and approximately 4m of an existing sanitary lateral will need to be replaced for house #69 on Richard Maynard Crescent.

It is anticipated that the work will commence and be completed in July 2018.

RECOMMENDATION

Recommended Bidder	NSJ WaterWorx Group (Lowest Priced Bidder)	
Current Budget Available	\$ 61,844.30	640-101-5399-17341, Rectify Defective Sanitary Sewer and Pavement on Richard Maynard
Less cost of award	\$ 35,870.40 \$ 20,352.00 <u>\$ 5,622.24</u> \$ 61,844.64	Construction (Incl. of HST) Provisional Items * Contingency @ 10% Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 0.00	*

*The provisional items include reconnection of an existing to a new sanitary service and for the supply and placement of HL-3 asphalt.

**This project is funded from the developer letter of credit (LC) due to default of agreement.

BID INFORMATION

Tender closed on	June 20, 2018
Number of contractors picking up bid documents	6
Number of contractors responding to bid	3

PRICE SUMMARY (Inclusive of HST)

Bidders	Bid Price	Provisional Items	Total Bid Price
NSJ WaterWorx Group	\$ 35,870.40	\$ 20,352.00	\$ 56,222.40
FDM Contracting Co. Ltd.	\$ 46,199.04	\$ 25,440.00	\$ 71,639.04
Ratcliff Excavating & Grading	\$ 78,874.18	\$ 15,264.00	\$ 94,138.18

Note: Staff negotiated the rate for the provisional item to supply and place HL-3 asphalt and successfully reduced the unit price from \$220/m2 to \$160/m2 which resulted in a reduction of \$6,105.60 (Incl. of HST).

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget impact. There is no incremental life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

Avoid potential sewerage contamination



STAFF AWARD REPORT

Page 1 of 2

To:	Arvin Prasad, Commissioner, Development Services
Re:	154-T-18: Environmental Remediation Services for 55 Parkway Avenue
Date:	July 24, 2018
Prepared by:	Denisa Necula, Brownfield Environmental Technologist Ext. 2765 Tony Casale, Sr. Construction Buyer, Ext. 3190

PURPOSE/BACKGROUND

To obtain approval to award the contract for environmental remediation services for cleaning 55 Parkway Avenue. The scope of work involves the following;

Task 1: General activities, site preparation, mobilization and demobilization;

Task 2: Excavation, removal, loading, transportation and disposal of contaminated soil to an approved Ministry of the Environment, Conservation and Parks (MOECP) facility;

Task 3: Supply of clean fill, backfilling, and compaction;

Task 4: Landscaping and site restoration including topsoil application, grading and sodding.

It is anticipated that construction will commence in October and be completed by November 30, 2018.

RECOMMENDATION

Recommended Suppliers	Rafat General Contractor Inc. (Lowest Priced Bidder)	
Current Budget Available	\$ 434,378.00	044 6200 16291 005 Land Acq 55 Parkway Ave
Less cost of award	\$ 267,243.74	Construction (Incl. of HST)
	\$ 26,724.37	Contingency @ 10%
	\$ 293,968.12	Cost of Award (Incl. of HST)
	\$ 38,276.17	Capital Administration Fee (Internal Fee)
	\$ 332,244.29	Total Cost of Award
Budget Remaining after award	\$ 102,133.71	*

* The remaining budget of \$102,133.71 may be required for further hazardous material investigation and remediation. Staff are investigating the prospect of potential hazardous material in the foundation and surrounding concrete works of the building.

BID INFORMATION

Bid closed on	July 10, 2018
Number picking up bid document	19
Number responding to bid	14

PRICE SUMMARY

Suppliers	Bid Price (Inclusive of HST)
Rafat General Contractor Inc.	\$ 267,243.74
Salandria Ltd.	\$ 268,664.72
Greenspace Landscaping and Property Services Inc.	\$ 299,225.07
DPSL Group Ltd	\$ 330,414.72
Accuworx Inc.	\$ 345,506.45
Ground Force Environmental Inc.	\$ 350,652.88
Claybar Contracting	\$ 356,053.67
Rockwell Site Works Inc.	\$ 360,539.59
Hawkins Contracting Services Limited	\$ 431,598.22
Clean Harbors Energy and Industrial	\$ 438,035.13
Tervita Corporation	\$ 484,031.85
The Cannington Group	\$ 525,388.10
Tri-Phase Environmental Inc.	\$ 544,201.08
Highpoint Environmental Services Inc.	\$ 720,521.86

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget and life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

This remediation is required to remove contaminated soil from the site as per the Ministry of the Environment, Conservation and Parks (MOECP) regulations and standards. Completing this work will also eliminate the potential for future migration of contamination to the adjacent watercourse (Mount Joy Creek) and reduces the City's liability. This remediation work is consistent with the direction in the City's current Official Plan.

**STAFF AWARD REPORT**

Page 1 of 2

To:	Arvin Prasad, Commissioner, Development Services
Re:	160-T-18 - Rizal Monument, Box Grove Community Park - Construction
Date:	August 9, 2018
Prepared by:	Mark Ramoo, Park's Development Coordinator, Parks & Open Space Development, Ext. 2875 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

PURPOSE / BACKGROUND

To obtain approval to award the contract for the construction of the Rizal Monument, Box Grove Community Park located on the West Side of Box Grove Bypass, North of 14th Avenue in the City of Markham.

The scope of work consists of the following features: site preparation and grading, plaza style concrete paving, planting/sodding, site furnishings, concrete walls and footings for mounting the memorial/public art component.

It is anticipated that construction will commence in August and be completed by October 2018.

RECOMMENDATION

Recommended Bidder	Pine Valley Corporation (Lowest Priced Bidder)	
Current Budget Available	\$ 150,000.00	081-5350-16038-005 Box Grove Community Park
	\$ 2,322,800.00	081-5350-16038-005 Box Grove Community Park
Less cost of award	\$ 141,279.53	Construction - Site Preparation for Monument
	\$ 8,476.77	Contingency (6%)
	\$ 149,756.30	Total (Incl. of HST) - Site Preparation for Monument
	\$ 34,944.38	Soft landscape / Testing
	\$ 2,096.66	Contingency (6%)
	\$ 37,041.04	Total (Incl. of HST) - Soft landscape / Testing
Budget Remaining after this award	\$ 243.70	(\$150,000 - \$149,756.30 = \$243.70)*
	\$ 2,285,758.96	(\$2,322,800 - \$37,041.04 = \$2,285,758.96)*

*The remaining budget will be used for construction of the Eastern portion of the Box Grove Community Park (Phase 1) including, tennis courts, mini skate board spot, basketball/multi court, small parking lot, walkway connections, landscaping, shade structure and pedestrian Bridge.

Note: The City will be reimbursed by the Filipino Canadian Community of Markham for the construction of the foundation base required for the Rizal monument in the amount of \$9,870.72 (Incl. of HST).

BID INFORMATION

Bid closed on	July 24, 2018
Number picking up document	7
Number responding to bid	4

PRICE SUMMARY

Bidders	Bid Price (Inclusive of HST)
Pine Valley Corporation	\$ 176,223.91
Hawkins Contracting Services Limited	\$ 181,521.73
M & S Architectural Concrete Ltd.	\$ 204,747.47
Forest Ridge Landscaping Inc.	\$ 205,848.84

OPERATING BUDGET AND LIFE CYCLE IMPACT

The Operations Department has reviewed the project and supports the future maintenance requirements. The Filipino Canadian Community of Markham is to provide the City with an endowment of \$10,000 to look after the conservation and maintenance of the monument. The \$10,000 cash endowment is estimated to cover 10-15 years of conservation and maintenance of the monument (statue only). Future requirements for Rizal Monument area include grass cutting and trimming, plant material maintenance, site furnishings/concrete works maintenance, litter pick-up and garbage disposal.

The Rizal Monument area at Box Grove Community Park is 0.1314 hectares (0.325 acres) and the budgeted cost per hectare is \$ 8,941 / ha (2018 budgeted rate). Therefore, the incremental operating budget impact for the Rizal Monument area of work is \$1,174.85 (\$8,941/ha x 0.1314 ha). This operating increase will be included in the 2019 Operating budget subject to Council approval. The life cycle impact is \$149.4K (80% of the total construction costs) over the next 25 years. Staff will update the Life Cycle Reserve Study at the next update to incorporate the various components of the park.

The Operations, Asset Management, Recreation and Procurement departments were consulted during the process.

ENVIRONMENTAL CONSIDERATIONS

- 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 are native species)

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

To:	Arvin Prasad, Commissioner Development Services
Re:	083-Q-18 Consulting Services, Milliken Centre Secondary Plan – Retail, Service & Office Study
Date:	June 26, 2018
Prepared by:	Marion Plaunt, Manager, Intensification & Secondary Plans Planning & Urban Design Department, Ext. 2459 Rosemarie Patano, Senior Construction Buyer, ext. 2990

PURPOSE / BACKGROUND

To obtain approval to award consulting services to provide expertise and support to develop and carry out a Milliken Centre Secondary Plan – Retail, Service & Office Study.

Milliken Centre is identified in the City of Markham's 2014 Official Plan (as partially approved on November 24, 2017 and updated April 9, 2018) as an area that requires updating to reflect the new Official Plan. The secondary plan update currently underway is contemplating substantial intensification of the area as a result of planned improvements to GO Rail service and other transit improvements throughout the area.

The purpose of the Milliken Centre Secondary Plan – Retail, Service & Office Study is to ensure Milliken Centre is planned as a complete community and provides a balance and diversity of residential, retail, service and office uses, at transit supportive densities. The recommended consultant shall analyze and make recommendations regarding the level of retail, service and office uses to support the intensified Milliken Centre Secondary Plan Area and surrounding community.

RECOMMENDATION

Recommended Bidder	J.C. Williams Group Limited (Highest Ranked / Third Lowest Priced Bidder)	
Current Budget Available	\$ 66,000.00	620-101-5699-15025 Milliken Centre Secondary Plan Retail, Service and Office Study
Less cost of award	\$ 59,020.80	Cost of Award
	\$ 5,902.08	Contingency (10%)
	\$ 64,922.88	Total award (Inclusive of HST)
Budget Remaining after this award	\$ 1,077.12	*

* The remaining budget in the amount \$1,077.12 will be returned to the original funding source.

BID INFORMATION

Bids closed on	May 15, 2018
Number picking up bid documents	14
Number responding to bid	4

PROPOSAL EVALUATION

The RFP was released with a three-stage evaluation approach. The Technical Proposal (Stage 1) was evaluated out of 70 points and the Price Proposal (Stage 2) was evaluated out of 30 points. The Evaluation Team for this RFP was comprised of staff from Planning & Urban Design and Economic Growth, Culture and Entrepreneurship with Procurement Division acting as the facilitator.

Evaluation of Stage 1 – Technical Proposal

The Stage 1 Technical Proposals were evaluated against the pre-established evaluation criteria as outlined in the RFP: 25 points experience and qualification of the Bidder and Project Team; 25 points project understanding, methodology and approach; 20 points project delivery and management; totaling 70 points. Bidders, who scored a minimum of 75%, or 52.5 points out of 70, continued on to Stage 2 – Price Proposal. The results of the Stage 1 evaluation are outlined below:

Bidders	Score (out of 70)	Rank Results
J.C. Williams Group Limited	63.00	1
Tate Economic Research Inc.	58.00	2
UrbanMetrics Inc.	52.00	3
360 Collective	37.00	4

Evaluation of Stage 2 – Price Proposal

Based on the Stage 1 evaluation, three (3) Bidders received a score of a minimum of 75% or 52.5 points out of 70 and therefore, proceeded to Stage 2 - Price Proposal. The price proposal (exclusive of HST) provided by the bidder is evaluated out of 30 points, based on the criteria outlined in the RFP.

Bidders	Technical Proposal Score (out of 70)	Price Proposal Score (out of 30)	Combined Overall Score Stage 1 & 2 Score (out of 100)
J.C. Williams Group Limited	63.00	24.53	87.53
Tate Economic Research Inc.	58.00	25.84	83.84
UrbanMetrics Inc.	52.00	30.00	82.00

Prices ranged from \$49,913.28 to \$59,020.80

J.C. Williams Group Limited (“JCWG”) scored highest in the technical submission, demonstrating a thorough understanding of the project and its requirements, providing a project team with proven experience (both relevant and current) with studies as they pertain to retail, service and office space. JCWG proposal demonstrated to the City’s satisfaction that they have the ability to undertake the project, and that they have a strong understanding of the project deliverables, key issues and challenges. Through the evaluation process, JCWG demonstrated a depth of experience and expertise as it specifically relates to the ability to undertake the Milliken Centre Secondary Plan – Retail, Service & Office Study, while meeting key milestones and timelines. JCWG also provided a detailed project plan with clear check points and expectations of City staff, and their quality control process met our expectations.

Established in 1977, JCWG specializes in services related to retail and retail real estate. Clients include major municipal and provincial governments (e.g., Cities of Toronto, Calgary, Brampton, and Ontario government) non-profit sector, (e.g., universities and hospitals); as well as private sector clients such as retail developers, shopping centre investors, retailers etc. For this RFP, JCWG partnered with Hemson Consulting for the office component of the study. Hemson Consulting provides expert advice in the areas of economic and demographic forecasting, municipal finance, strategic planning policy, land needs assessment, employment area analysis, economic development and real estate advisory. They also work with major public sector agencies throughout Ontario and beyond at the provincial and municipal levels. Combined, the proposed project team meets the requirements of this study which demands expertise in two important areas of commercial consulting – retail/service demand and office demand analysis. Together these two companies have the resources, corporate infrastructure and expertise to not just fulfill the City’s requirements but to suggest innovative strategies that embrace the changes that are happening in these industries.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A