



Report to: General Committee

Report Date: August 26, 2015

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**SUBJECT:** Staff Awarded Contracts for the Months of June, July and August 2015  
**PREPARED BY:** Alex Moore, Ext. 4711

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**RECOMMENDATION:**

1. THAT the report entitled “Staff Awarded Contracts for the months of June, July and August 2015” be received; and,
2. 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 as per Purchasing By-law 2004-341.

**BACKGROUND:**

Council at its meeting of May 26, 2009 amended By-Law 2004-341, A By-Law Establishing Procurement, Service and Disposal Regulations and Policies. The Purchasing By-Law delegates authority to staff to award contracts without limits if the award meets the following criteria:

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

If one (1) of the above-noted criteria is not met then any contract award >\$350,000 requires Council approval. Where the contract being awarded is a Request for Proposal (RFP), the approval authority limits of staff is up to \$350,000.

**Community & Fire Services**

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"><li>• 167-R-14 Consulting Engineering Services for Underground Streetlight Cable Replacement Program (2015) – Contract Administration</li><li>• 039-Q-15 Accessibility Improvements at R.J. Clatworthy Arena Washrooms</li><li>• 085-T-15 Street-Tree and Park Tree Removal</li><li>• 095-T-15 Rehabilitation of Storm Sewers at Various Locations (2015)</li><li>• 099-T-15 Roof Restoration at Markham Little Theatre</li><li>• 101-Q-15 Supply of Hot Mix</li><li>• 105-Q-15 Crosby Arena Wall Insulation</li><li>• 112 -T-15 Rehabilitation of Five Culverts at Various Locations</li><li>• 114-Q-15 Milliken Mills Library Carpet and Flooring</li><li>• 116-T-15 Pavement Condition Assessment</li></ul>

	<ul style="list-style-type: none"> <li>• 118-T-15 Parking Garage Structure Repair at Cornell Community Centre &amp; Library</li> <li>• 122-T-15 Consultant Services for the Installation of Accessible Pedestrian Signals and Associated Civil Works</li> <li>• 127-Q-15 Load, Haul and Dispose of Soils</li> <li>• 129-T-15 Water, Sanitary and Storm Sewer Connections at Various Locations</li> <li>• 130-Q-15 Pan Am Overlay Parking</li> <li>• 131 -T-15 Relining of Four Culverts At Various Locations</li> <li>• 135-T-15 Supply and Install Fence (Backstop and Outfield Replacement)</li> <li>• 137-Q-15 Washroom Renovations at Armadale and Rouge River Community Centres</li> <li>• 138-T-15 Multi-Use Pathway Construction - Phase 2</li> <li>• 140-T-15 Supply and Delivery of Loader, Skid Steer and Mower</li> <li>• 142-T-15 Sediment Removal at Two Stormwater Management Ponds (ID #40 &amp; #56)</li> <li>• 143-T-15 Civic Centre Skylight Sealant Replacement</li> <li>• 152-Q-15 Treatment of Ash Trees (Tree Azin)</li> <li>• 158-Q-15 Towel Laundry Service at Various Community Centres</li> <li>• 164-Q-15 Angus Glen Pool Security Reconfiguration</li> <li>• 169-T-15 Traffic Control Signal Installation and Associated Civil Works – 2 Intersections</li> <li>• 172-T-15 Supply and Delivery of Lighting Fixtures for the Theatre</li> <li>• 175-T-15 Museum Site Drainage Improvement and Lighting Systems</li> <li>• 190 -Q-15 Minor Rehabilitation of Six (6) Structures at Various Locations</li> </ul>
Second Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 117-Q-15 Washroom Renovations at Markham Village Arena</li> </ul>
Highest Ranked / Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 290-R-13 Consulting Engineering Services for 2014 Culvert Rehabilitation – Contract Administration and Construction Inspection (Stage 3 works)</li> <li>• 126-R-15 Consulting Engineering Services for Underground Streetlight Cable Replacement Program (2015) – Design</li> </ul>
Non-Competitive Procurement	<ul style="list-style-type: none"> <li>• 260-T-13 Supply of Granular Materials - Contract Extension</li> <li>• 097-S-15 Planned Service for Siemens Building Automation Systems</li> <li>• 185-S-15 Install Manhole Seals</li> </ul>
Sole Bidder	<ul style="list-style-type: none"> <li>• 038-Q-15 Thornhill Village Library Lighting Replacement and Upgrades</li> </ul>

#### Corporate Services

Award Details	Description
Highest Ranked /Third Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 092-Q-15 Grass Cutting and Maintenance Service for Cemeteries</li> </ul>
Non-Competitive Procurement	<ul style="list-style-type: none"> <li>• 068-S-15 Supply and Delivery of Office Products (under Ontario Vendor of Record #OSS-00419472)</li> </ul>

#### Development Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 016-Q-15 Landscape Architectural Consulting Services for Box Grove Hill South East Parkette (Vettesse Court Park)</li> <li>• 063-T-15 Art Latham Park – Construction</li> <li>• 154-Q-15 Landscape Architectural Consulting Services Morgan Park</li> <li>• 174-T-15 Water, Sanitary and Storm Sewer Connections at Various Locations</li> </ul>
Highest Ranked/ Lowest Priced Supplier	<ul style="list-style-type: none"> <li>• 047-R-15 Schedule “B” Class Environmental Assessment Markham Road Sanitary Sewer &amp; Fairtree Sewage Pumping Station and Forcemain Improvements</li> <li>• 056-R-15: Landscape Architectural Consulting Services for Cornell Community Park</li> </ul>
Non-Competitive Procurement	<ul style="list-style-type: none"> <li>• 153-S-15 Landscape Architectural Consulting Services for Rehabilitation of Veterans Square and Markham Cenotaph (Phase 1 of 3)</li> <li>• 176-S-15 Consulting Engineering Services for a City-wide Street Lighting Deficiency</li> </ul>

	<p>Study</p> <ul style="list-style-type: none"><li>• 186-S-15 Relocation of Rogers utilities on Church Street from Ninth Line to Bur Oak Avenue</li></ul>
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8/28/2015

X



Alex Moore  
Acting Treasurer

28/08/2015

X



Kimberley Kitteringham  
Acting Commissioner, Corporate Services



## STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	167-R-14 Consulting Engineering Services for Underground Streetlight Cable Replacement Program (2015) – Contract Administration
Date:	May 20, 2015
Prepared by:	Shipra Singh, Senior Asset Coordinator, Asset Management ext. 2747 Tony Casale, Senior Construction Buyer, ext. 3190

### PURPOSE

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

### RECOMMENDATION

Recommended Supplier	LEA Consulting Ltd. (Highest Ranked / Lowest Priced Supplier)	
Current Budget Available	\$ 126,532.81	058-6150-14286 -005 - Contract Administration for Areas A, B, C, D, E
Less cost of award	\$ 88,390.38	CA Services for 23 weeks (Inclusive of HST)
	\$ 8,839.04	Contingency @ 10%
	\$ 97,229.42	Total Cost of Award (areas A, C, D & E)
Budget Remaining after award	\$ 29,303.39	

Note: The award in the amount of \$97,229.42 is for CA services for areas A, C, D & E leaving a budget of \$29,303.39 for CA services in area B to be done at a later date.

### BACKGROUND

In August 2014, staff awarded contract 167-R-14 for detailed design services to LEA Consulting Ltd., the highest ranked/lowest priced bidder. Bidders were also requested to provide pricing for contract administration services for an estimated construction period of 20 work weeks. The contract administration portion of the work was not awarded at the time as the construction period could only be determined on completion of the detailed design.

Pricing received from LEA Consulting Ltd. for Contract Administration services is \$3,843.06 per week (inclusive of HST). Based on the final design, staff anticipates that the Contract Administration services will be required for 23 work weeks which equates to \$88,390.38 (\$3,843.06 per week x 23 work weeks). This award is for contract administration services in Areas A, C, D & E. Area B (Laureleaf Area) is not being awarded at this time due to current storm sewer improvement works (West Thornhill – Phase 1B). Area B will be completed in 2016.

The project is expected to commence in June and be completed by November 2015.

### PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from the Asset Management Department and facilitated by staff from the Purchasing department. The proposals were evaluated based on pre-established evaluation criteria as listed in the RFP document: Experience/Past performance of Consulting firm (15%), Qualification and experience of Project Manager and Project Team (20%), Project delivery (35%) and price (30%), totaling 100%.

Suppliers	Technical (70 points)	Price (30 points)	Total Score (100 points)	Overall Ranking
LEA Consulting	49.5	30.0	79.5	1
SCS Consulting Group Ltd.	58.9	2.7	61.6	2
Morrison Hershfield Limited	52.4	3.3	55.7	3
IBI Group	53.9	0.0	53.9	4

Note: Bid prices ranged from to \$3,843/week to \$5,441/week for the CA services.



## STAFF AWARD REPORT

To:	Phoebe Fu, Director, Asset Management
Re:	039-Q-15 Accessibility Improvements at R.J. Clatworthy Arena Washrooms
Date:	August 28, 2015
Prepared by:	Jason Vasilaki, Project Manager, ext. 2845 Robert Brown, Senior Buyer, ext. 2025

### PURPOSE

To obtain approval to award the contract for Accessibility Improvements at R.J. Clatworthy Arena Washrooms.

### RECOMMENDATION

Recommended Supplier	Basekamp Construction Corporation (Lowest Bidder)	
Current Budget Available	\$ 71,500.00	750-101-5399-15249 Accessibility Retrofit Program
Less cost of award	\$ 64,851.65	
	\$ 6,485.17	Contingency (10%)
	\$ 71,336.82	Total Award Inclusive of HST
Budget Remaining after this award	\$ 163.18	*

\*The remaining budget of \$163.18 will be returned to the original funding source.

### BACKGROUND

R.J. Clatworthy Arena is the home of the Markham Islanders Sledge Hockey team, formed in 1986. Sledge Hockey is a sport for people with special needs and is currently one of the most popular sports in the Para-Olympic Games.

Despite recent improvements to the main entrance doors to increase accessibility, the public washrooms at R.J. Clatworthy are in need of improvements.

Markham Accessibility Design Guidelines 2011 stipulate that automatic door operators (power-assisted doors) are required at accessible washrooms. This project includes adding door operators to the existing washrooms as well as other accessibility improvements within the washrooms.

The work is projected to be awarded in July, 2015 and completed by November, 2015.

### BID INFORMATION

Advertised	ETN
Bids closed on	June 26, 2015
Number picking up bid documents	31
Number responding to bid	7

### PRICE SUMMARY ( Inclusive of HST)

Suppliers	Bid Price
<b>Basekamp Construction Corporation</b>	<b>\$ 64,851.65</b>
ONIT Construction Inc.	\$ 68,549.61
M.J.K. Construction Inc.	\$ 69,830.76
ASN Inc.	\$ 72,453.12
Samson Management	\$ 73,776.00
NU-Struct Inc.	\$ 77,971.56
BECC Construction Group Ltd.	\$ 151,317.12

### ENVIRONMENTAL CONSIDERATIONS

All debris shall be transported to an authorized dump, waste treatment site or recycling facility by the Contractor, and disposed of in accordance with applicable by-laws, laws and regulations (all at the Contractor's expense). Additionally, all painting requirements will be done in compliance to the Sustainable Purchasing Practices Guide Section 3.2.4. and will ensure the paint is Green Seal certified.



## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	085-T-15 Street-Tree and Park Tree Removal
Date:	August 28, 2015
Prepared by:	Peter Shields, Supervisor, Forestry Ext. 2335 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for street-tree and park ash tree removal.

### RECOMMENDATION

Recommended Supplier	1910636 Ontario Inc. O/AS Fisher Tree Services (Area 1 & 2) – Lowest Supplier Ontario Line Clearing & Tree Services 2010 Ltd. (Area 3) – Lowest Supplier 1251400 Ontario Limited (Area 4) – Lowest Supplier	
Current budget available	\$ 4,100,635.00	700-101-5399-15013 Emerald Ash Borer Project 700-101-5399-14208 Emerald Ash Borer Project
Cost of award	\$ 128,377.32 \$ 271,229.27 \$ <u>159,335.81</u> \$ 558,942.40	1251400 Ontario Limited 1910636 Ontario Inc. O/AS Fisher Tree Services Ontario Clearing & Tree Services 2010 Ltd. Total Award (inclusive of HST)
Budget Remaining after this award	\$ 3,541,692.60	*

\* The remaining balance of \$3,541,692.60 to be retained within the EAB budget for ongoing program costs.

### BACKGROUND

The City issued a bid for qualified contractors to supply all labour, vehicles and equipment necessary to undertake the Street and Park Ash Tree Removal Program. The trees to be removed are owned by the City. These trees were originally identified in the ash tree inventory and have declined significantly over the past few years to render them not treatable, dying, dead, and hazardous. Each tree removed will subsequently be planned for stump grinding and for tree planting in subsequent seasons on separate tenders. All material will be disposed of by the Contractors and the City will not house any material. All costs provided include disposal of debris and resident notifications.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 30, 2015
Number of bidders picking up the document	13
Number of bidders responding to bid	5

### PRICE SUMMARY (Inclusive of HST)

Area*	1251400 Ontario Limited	WM Weller Tree Service Ltd.	1910636 Ontario Inc. O/AS Fisher Tree Services	2385259 Ontario Ltd. O/A Wilderness Environmental Services	Ontario Line Clearing & Tree Services 2010 Ltd.	Uxbridge Tree Service Inc.
1	\$173,534.87	No Bid	<b>\$127,380.57</b>	\$228,028.99	\$162,722.38	\$195,623.42
2	\$225,989.65	No Bid	<b>\$143,848.70</b>	\$199,479.45	\$205,750.58	\$217,868.16
3	\$173,147.59	\$234,819.44	Awarded Area 1 & 2	\$185,959.00	<b>\$159,335.81</b>	\$175,108.61
4	<b>\$128,377.32</b>	No Bid	Awarded Area 1 & 2	\$137,041.73	\$128,575.80	\$153,632.16

\*Area 1 = 1,311 Trees - Area 2 = 1,421 Trees - Area 3 = 1,036 Trees - Area 4 = 1,384 Trees - Total = 5,152

Note: In light of the large volume of work and time constraints to complete the work, it is the City's intention to award the contract for the work to three (3) Successful Bidders / Contractors as identified within the bid document. The lowest-priced supplier will be awarded a maximum of two (2) work areas with the next lowest priced bidders being awarded the remaining areas.

**SCHEDULE**

50% of the work (allocated to each Bidder) is to be completed by September 25, 2015 and/or within 5 weeks of receiving the Purchase Order the remaining work will be completed by December 18, 2015.

**ENVIRONMENTAL CONSIDERATIONS**

Trees collectively enhance ecology in urbanized areas; however, if they are dead, dying or dangerous trees, they need to be removed in a timely manner. Risks posed to people and property in these circumstances are significant to severe.



## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	095-T-15 Rehabilitation of Storm Sewers at Various Locations (2015)
Date:	May 15, 2015
Prepared by:	Philip Zhang, Engineering Design Assistant, ext. 2477 Tony Casale, Senior Construction Buyer, ext. 3190

### PURPOSE

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

### RECOMMENDATION

Recommended Supplier	Vertical Horizons Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 348,780.00	058-6150-14274-005 Storm Sewer Repairs - Rehab
	<u>\$ 110,000.00</u>	058-6150-15271-005 Storm Sewer Pipe Rehabilitation
	\$ 458,780.00	Total
Less cost of award	\$ 414,429.56	Cost of Award (Inclusive of HST)
	<u>\$ 41,442.96</u>	Contingency @ 10%
	\$ 455,872.52	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 2,907.48	*

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

Note: The Flood Control Program that the City is collecting a stormwater fee is only for new major infrastructure upgrades in the venerable areas. It does include major stormwater pipes.

### BACKGROUND

As part of the routine inspection and maintenance activities, Asset Management has identified the storm sewer pipes at approximately twenty (20) locations are at significant defect conditions and need to be repaired by open cut method. The defects of storm sewers include broken pipes and joints displacement at seven (7) locations, intrusion of water service pipes/sanitary lateral pipes within storm sewer pipes at other thirteen (13) locations.

Existing stormwater pipes "storm sewers" are included as part of the City's life cycle from condition audit, to rehabilitation/repairs, to replacement segments of the pipe. The City conducts annual CCTV inspections of the existing stormwater pipe, determines areas that require repairs, then submits through the capital budget p\to complete the construction.

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

- Utility locates
- CCTV inspection (pre-installation and post-rehabilitation) for storm sewers
- Dewatering and storm sewer flow control where required
- Asphalt saw cutting and excavation
- Intruding water service pipe / sanitary lateral pipe removal and reconnection
- Storm sewer pipe replacement
- Storm sewer pipe joint sealing, patching, and grouting
- Road restoration
- Reinstatement of disturbed areas



**BACKGROUND (Continued)**

The construction period is from June to September 2015 at the following locations:

**Part 1 – Storm Sewer Repairs due to Storm Sewer Pipe Defects:**

- Church Street
- Ladyslipper Court
- Dale Park Court
- Sir Galahad Place
- Steele Valley Road – 2 Locations
- Baywood Court

**Part 2 – Storm Sewer Repairs due to Intruding Water Service Pipes:**

- Orchard Street
- Windridge Drive – 3 Locations
- Church Street
- Ladyslipper Court
- Torbay Road – 2 Locations
- Maple Street

**Part 3 – Storm Sewer Repairs due to Intruding Sanitary Lateral Pipes:**

- Clark Avenue
- Parkway Avenue
- John Button Blvd
- Laidlaw Blvd

**BID INFORMATION**

Advertised	ETN
Bids closed on	April 16, 2015
Number picking up bid documents	20
Number responding to bid	2*

\* Purchasing contacted suppliers that picked up the Bid document but did not submit a bid; four suppliers advised that they do not supply the service identified in the Bid, four suppliers advised they could not bid due to present workload and one supplier advised that the scope of work was not their primary business.

**PRICE SUMMARY**

Suppliers	Price (Inclusive of HST)
<b>Vertical Horizons Contracting Inc.</b>	<b>\$ 414,429.56</b>
FDM Contracting Co. Ltd.	\$ 803,675.04



## STAFF AWARD REPORT

To:	Phoebe Fu, Director, Asset Management
Re:	099-T-15 Roof Restoration at Markham Little Theatre
Date:	June 1, 2015
Prepared by:	Renee England, Project Engineer, Ext. 2674 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for Roof Restoration at Markham Little Theatre.

### RECOMMENDATION

Recommended Supplier	National Coatings of Canada (Lowest Priced Supplier)	
Current Budget Available	\$ 151,777.33	750-101-5399-15266 Roofing Replacement Projects
Less cost of award	\$ 89,040.00	Cost of Award (Inclusive of HST)
	\$ 8,904.00	10% Contingency
	\$ 99,667.81	Total Award Inclusive of HST
Budget Remaining after this award	\$ 52,109.52	*

\*Remaining budget of \$52,109.52 is to be returned to the original funding source.

### BACKGROUND

The Markham Little Theatre building (also known as the Implement Building) is located on the Markham Museum lands and is due for major roof repairs. The building is a steel structure with a metal roof. The major roof repairs include repairs/replacement of metal where necessary, tightening of fasteners, sealing around openings (vents, chimneys, etc.) and coating the entire surface. These repairs are necessary as the building has experienced numerous leaks in the last couple of years.

The proposed construction start date is June 2015 and the proposed end date is August 2015 weather permitting.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 26, 2015
Number picking up document	10
Number responding to bid	3

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid price
National Coatings of Canada	\$ 89,040.00
Applewood Roofing and Sheet Metal	\$ 92,601.60
Triumph Aluminum and Sheet Metal Inc.	\$ 94,433.28



### STAFF AWARD REPORT

To:	Bob Nicholson, Acting Director, Operations
Re:	101-Q-15 Supply of Hot Mix
Date:	August 28, 2015
Prepared by:	Mike Brady, Supervisor, Contract Administration, Ext. 2316 Patti Malone, Senior Buyer, Ext. 2239

#### PURPOSE

To obtain approval to award the contract for the supply of hot mix asphalt.

#### RECOMMENDATION

Recommended Supplier	Furfari Paving (Lowest Priced Supplier)	
Current Budget Available	\$ 21,250.00	700-501-4540 Asphalt
Less cost of award	\$ 19,487.04	2015 Cost of Award Inclusive of HST
	\$ 19,487.04	2016 Cost of Award Inclusive of HST
	\$ 19,487.04	2017 Cost of Award Inclusive of HST
	\$ 19,487.04	2018 Cost of Award Inclusive of HST
	\$ 77,948.16	Total Award
Budget Remaining after this award	\$ 1,762.96	*( \$21,250.00 – \$19,487.04)

\* The remaining balance in the amount of \$1,762.96 will be used for other asphalt products.

#### BACKGROUND

Throughout the year, the Operations Department needs to complete various repairs on the roads with City forces.

In order for the city forces to make these repairs we need to purchase hot mix asphalt for the hot box to go and complete the deficient areas in the road due to pot holes, areas that may have rutted, or to repair edges of pavement in our rural areas.

#### BID INFORMATION

Advertised	ETN
Bid closed on	May 27, 2015
Number picking up document	5
Number responding to bid	2*

\*Purchasing contacted bidders who downloaded the document and did not submit a bid. One bidder did not do this type of work and another bidder missed the submission deadline.

#### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
Furfari Paving	\$19,487.04
D. Crupi & Sons Limited	\$37,116.96

Note: This contract represents a 2% decrease compared to the 2013 contract for similar items.



## STAFF AWARD REPORT

To:	Mary Creighton, Director Recreation Services
Re:	105-Q-15 Crosby Arena Wall Insulation
Date:	June 3, 2015
Prepared by:	Mario Puopolo, Facility Supervisor, Ext. 2920 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for wall insulation at Crosby Arena.

### RECOMMENDATION

Recommended Supplier	2SC Contracting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 68,300.00	500-101-5399-15157 Crosby Arena Wall Insulation
Less cost of award	\$ 53,831.04	Cost of Award
	\$ 5,290.00	10% Contingency
	\$ 58,190.00	Total Award Inclusive of HST
Budget Remaining after this award	\$ 10,110.00	*

\*Remaining budget of \$10,110.00 is to be returned to the original funding source.

### BACKGROUND

The current insulation is in bad condition with cuts and holes in it and low R value (which measures resistance to heat flow through a given thickness of material factor). The current insulation was installed in 1995 with a cycle factor of 20 years.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 27, 2015
Number picking up document	9
Number responding to bid	6

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid Price with HST Impact
<b>2SC Contracting Inc.</b>	<b>\$ 52,900.00</b>
R-Chad General Contracting Inc.	\$ 53,700.00
ASN Inc.	\$ 56,115.33
MJK Construction	\$ 57,160.00
Joe Pace & Son Cont. Inc.	\$ 57,450.00
Dontex Construction Ltd.	\$ 58,000.00

### ENVIRONMENTAL CONSIDERATIONS

Replacing this insulation will improve the loss of internal air during winter season and prevent warm exterior air entering in the summer season. This will be giving the facility a more efficient operation of the refrigeration plant while the ice is in use.



## STAFF AWARD REPORT

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To:	Andy Taylor, Chief Administrative Officer
Re:	112 -T-15 Rehabilitation of Five Culverts at Various Locations (C012, C015, C024, C042 and C054)
Date:	May 29, 2015
Prepared by:	Hossein Sharif, Senior Capital Engineer, Ext. 2382 Tony Casale, Senior Construction Buyer, Ext. 3190

### PURPOSE

To obtain approval to award the contract for the rehabilitation of five culverts at the following locations:

1. Culvert C012 – located at Bullock Drive (1900m east of McCowan Road)
2. Culvert C015 – located at Parkway Avenue (600m east of Main Street)
3. Culvert C024 – located at Royal Orchard Boulevard (900m east of Yonge Street)
4. Culvert C042 – located at Main Street Unionville (440m east of North of Hwy 7)
5. Culvert C054 – located at Elgin Mills Road (250m west of Reesor Road)

### RECOMMENDATION

Recommended Supplier	Tascan Corp. (Lowest Priced Supplier)	
Current Budget Available (construction of 9 culverts)	\$ 1,356,684.00	058 6150 14277 005 Culverts Rehabilitation
Less cost of award	\$ 729,087.40 \$ 58,326.99 \$ 787,414.39	Cost of Award for the 5 culverts outlined above Contingency (8%) Total Award Inclusive of HST
Budget remaining	\$ 569,269.61	*

Note: The total budget available for the rehabilitation of 9 culverts is \$1,356,684 which was based on the structures condition inspection completed in 2012. The budget allocated for the above 5 culverts is \$401,100 as compared to the staff award of \$787,414.29, leaving a budget shortfall of (\$386,314.39). A large part of the contract price increase is attributed to environmental related and landscaping works required by the TRCA as part of the approval.

The budget allocated for the remaining 4 culverts is \$955,584.00 (\$1,356,684.00 - \$401,100.00). After funding the shortfall of (\$386,314.39), the budget available for the remaining 4 culverts is \$569,269.61 (\$955,584.00 - \$386,314.39). Based on a recent condition assessment, structural lining instead of rehabilitation work as budgeted will be undertaken for the remaining 4 culverts. The consultant estimated that the cost for the remaining 4 culverts to be approximately \$500,000. Therefore, there is sufficient remaining budget in the above project to fund the remaining 4 culverts.

### BACKGROUND

In meeting the legislative requirement of the Public Transportation and Highway Act- Regulation 104/97, the City implements annual structures inspection program to identify the maintenance and rehabilitation needs to protect and prolong the life of the structures. Since 2004, the City has undertaken regular inspection of the structures. Based on the 2012/2013 condition inspection program, these five culverts were recommended for further investigation and rehabilitation work. The City's consultant conducted a detail condition survey and prepared rehabilitation design for these five structures.

The construction timing will be as per allowable TRCA/MNR fisheries time window.

Structure ID	In-Water Works Time
C012, C024 and C054	July 1 <sup>st</sup> – September 15 <sup>th</sup>
C015, C042	July 1 <sup>st</sup> – March 31 <sup>st</sup>

**BACKGROUND (Continued)**

During the construction, the following Traffic Management Plan will be implemented:

Structure ID	Location	Traffic Control Plan*	Remarks
C012	Bullock Drive (1900m east of McCowan Road)	Open to traffic	Flagging services only during loading and unloading of materials
C015	Parkway Avenue (600m east of Main Street)	Open to traffic	Flagging services only during loading and unloading of materials
C024	Royal Orchard Boulevard (900m east of Yonge Street)	Open to traffic	Flagging services only during loading and unloading of materials
C042*	Main Street Unionville (440m east of North of Hwy 7)	Lane Closure	Flagging Services
C054**	Elgin Mills Road (250m west of Reesor Road)	Lane Closure	Flagging Services

\* C042 (Main Street Unionville Culvert) is scheduled for construction in Fall due to summer activities

\*\*C054 (Elgin Mills, W/ Reesor Road) - Traffic Operation has been consulted for the potential road closure. This road has low traffic volume. Also, prior to construction, area residents will be notified of construction.

**BID INFORMATION**

Advertised	ETN
Bid closed on	May 12, 2015
Number picking up document	9
Number responding to bid	3

**PRICE SUMMARY (Inclusive of HST)**

Suppliers	Bid Price (Incl. of HST)
<b>Tascan Corp</b>	<b>\$ 729,087.40</b>
Anscon Contracting Inc.	\$ 1,018,797.55
Hawkins Contracting Services Limited	\$ 1,034,332.40

**FINANCIAL CONSIDERATIONS**

The following table summarizes the financial details of this award:

Account Name	Account No.	Total Budget Amount	Spent to Date	Committed	Budget Available	This Award	Contingency (8%)	Budget Remaining
Culverts Rehabilitation (9 Structures)	058-6150-14277-005	\$1,611,400	\$212,765	\$41,951	\$1,356,684	\$729,087.40	\$58,326.99	\$569,269.61
		<b>\$1,611,400</b>	<b>\$212,765</b>	<b>\$41,951</b>	<b>\$1,356,684</b>	<b>\$729,087.40</b>	<b>\$58,326.99</b>	<b>\$569,269.61</b>

Notes: Award inclusive of 1.76%

The total budget available for the rehabilitation of 9 culverts is \$1,356,684 which was based on the structures condition inspection completed in 2012. The budget allocated for the above 5 culverts is \$401,100 as compared to the staff award of \$787,414.29, leaving a budget shortfall of (\$386,314.39). A large part of the contract price increase is attributed to environmental related and landscaping works required by the TRCA as part of the approval.

The budget allocated for the remaining 4 culverts is \$955,584.00 (\$1,356,684.00 - \$401,100.00). After funding the shortfall of (\$386,314.39), the budget available for the remaining 4 culverts is \$569,269.61 (\$955,584.00 - \$386,314.39). Based on a recent condition assessment, structural lining instead of rehabilitation work as budgeted will be undertaken for the remaining 4 culverts. The consultant estimated that the cost for the remaining 4 culverts to be approximately \$500,000. Therefore, there is sufficient remaining budget in the above project to fund the remaining 4 culverts.



## STAFF AWARD REPORT

Page 1 of 2

To:	Mary Creighton, Director Recreational Services
Re:	114-Q-15 Milliken Mills Library Carpet and Flooring
Date:	August 28, 2015
Prepared by:	Chris Sheehy, Manager Facilities and Workplace Safety Robert Brown, Senior Buyer

### PURPOSE

To obtain approval to award the contract for removal, disposal and installation of new carpet and tiles at the Milliken Mills Library.

### RECOMMENDATION

Recommended Supplier	Sands Commercial Flooring Coverings (Lowest Priced Supplier)	
Current Budget Available	\$ 88,400.00	500-101-5399-15160 Milliken Mills Library
Less cost of award	\$ 68,179.20 <u>\$ 6,817.92</u> \$ 74,997.12	Award (Inclusive of HST) Contingency (10%) Total award (Inclusive of HST)
Budget Remaining after this award	\$13,402.88	*

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

### BACKGROUND

This contract is for the removal and disposal of existing carpet in the Milliken Mills Library (15,800 sq ft) and tiles in the library office area (900 sq. ft.) Additionally, the supply and installation of new carpet for Milliken Mills Library and new tiles for office area and offices.

Schedule: The Carpet will be removed and installed per area in a timely manner at night after business hours in order to not disrupt service during business hours. The city has specified the hours that the contractor must work to so no disruption in business occurs at the library. The contract will commence on August 17 and will be completed by August 28.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 22, 2015
Number picking up document	18
Number responding to bid	9

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
<b>Sands Commercial Floor Coverings</b>	<b>\$ 68,179.20</b>
Nuconcept Floors	\$ 71,130.24
Adis Impex Ltd. O/A Carpet Plus	\$ 76,828.80
2078644 Ontario Inc. O/A Pro Flooring Solutions Canada	\$ 85,478.40
Skysea Flooring	\$ 90,006.72
Cooksville Interiors Ltd	\$104,609.28
Portfolio Contracting Inc.	\$112,025.55
MGR Constrection Services	\$166,583.16
CCS Construction Group	\$185,078.25

### ENVIRONMENTAL CONSIDERATIONS

The old carpet will be returned to the carpet manufacturer and recycled. The new carpet being purchased and installed is also recyclable when the time comes in future to replace.



## STAFF AWARD REPORT

To:	Bob Nicolson, Acting Director, Operations
Re:	116-T-15 Pavement Condition Assessment
Date:	August 28, 2015
Prepared by:	Mike Brady, Supervisor, Contract Administration, Ext. 2316 Bob Penner, Manager, Utilities, Survey & GIS Assets Database, Ext. 4550 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for pavement condition assessment.

### RECOMMENDATION

Recommended Supplier	IMS Infrastructure Management Services (Lowest Priced Supplier)	
Current Budget Available	\$ 100,000.00	050-6150-15012-005 Asphalt Resurfacing
Less cost of award	\$ 95,851.12	Cost of Award Inclusive of HST
Budget Remaining after this award	\$ 4,148.88	*

\* The remaining balance in the amount of \$4,148.88 will be used for 2015 Asphalt Resurfacing Program.

### BACKGROUND

A detailed condition survey of the City's pavement network is completed once every 2 years and required to understand the current condition of the City's streets and to develop a plan for future rehabilitation. Condition data including roughness, rutting, cracking and patching will be captured on all of the City's 941 kilometers (880 kms of 2 lane roads will be surveyed in one direction and 61 kms of 4 lane roads in two directions). Strength testing will be completed on 50 km of 35 kms of major arterial and 15 kms of major collectors.

The consultant will be using the Road Surface Tester (RST) with lasers, distance measuring instruments, accelerometers and rate gyroscopes as well as on board visual measurement technology. The consultant will ensure that no disruption or interference to the operation of normal road traffic within the City will occur during the testing time. In addition, and at no charge the consultant will also supply digital still images of the City's pavements.

The work will be completed by October 31 for each applicable year.

### BID INFORMATION

Advertised	ETN
Bid closed on	June 2, 2015
Number picking up document	8
Number responding to bid	3

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
<b>IMS Infrastructure Management Services</b>	<b>\$95,851.12</b>
AMEC Environment & Infrastructure, a division of AMEC Americas Limited	\$108,496.51
Golder Associates Ltd.	\$130,345.20

Note: This contract represents a 1% increase compared to the 2013 contract for similar items.



**STAFF AWARD REPORT**

Page 1 of 2

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	118-T-15 Parking Garage Structure Repair at Cornell Community Centre & Library
Date:	June 15, 2015
Prepared by:	Henry Tse, Senior Project Manager, Ext. 2208 Flora Chan, Senior Buyer, Ext. 3189

**PURPOSE**

To obtain approval to award the contract for Parking Garage Structure Repair at Cornell Community Centre & Library.

**RECOMMENDATION**

Recommended Supplier	Brook Restoration Ltd. (Lowest Priced Supplier)	
Budget available	\$ 231,156.00	070-5350-15625-005 Cornell CC&L - Parking Garage Structure Improvement,
Less cost of award	\$ 109,417.44	Cost of Award (Inclusive of HST)
	\$ 10,941.74	10% Contingency
	\$ 120,359.18	Total Award Inclusive of HST
Budget Remaining after this award	\$ 110,796.82	*

\* Remaining funds shall stay within the project to complete other outstanding aspects of the Cornell CC&L project.

**BACKGROUND**

Water was observed at the Cornell Community Centre and Library Parking Garage Structure dripping through the joints between the edge of the structural precast concrete units and the cast-in-place concrete stairwells. In addition, a small piece of concrete was dislodged from the underside of a precast member. A structural engineering consultant performed a condition survey throughout and determined that, among other straightforward repair issues, the elastomeric joint had failed due to excessive differential movement of the two structure types. The scope of this work will correct all and replace the elastomeric joint with a rubber diaphragm type that will cope with the seasonal movement involved. The warranty for the structure provided by the original general contractor expired on October 31, 2014 hence there is no recourse for these repairs.

It is intended to award this contract in time for contractor mobilization on site on July 2, 2015 with work completion by August 31, 2015. Per Facility staff, this is the period considered to be the least disruptive to facility operations.

**BID INFORMATION**

Advertised	ETN
Bid closed on	June 9, 2015
Number picking up document	21
Number responding to bid	11

**PRICE SUMMARY (Inclusive of HST)**

Suppliers	Bid Price
<b>Brook Restoration Ltd.</b>	<b>\$ 109,417.44</b>
Birchcliff Construction Ltd.	\$ 116,871.36
TCL Restoration Ltd	\$ 117,532.80
Heritage Restoration Inc.	\$ 131,800.57
2SC Contracting Inc.	\$ 141,446.40
Namfar Construction Ltd	\$ 162,866.88
Alliance Restoration 2012 Ltd.	\$ 171,445.25
A-Con Construction Ltd.	\$ 185,610.24
Tritan Inc.	\$ 229,716.69
Frontier Group of Companies Inc.	\$ 260,729.47
Palmark Construction Ltd.	\$ 327,005.76

The 3 lowest bids were within 7.5% of the lowest bid and indicate a good understanding of the project scope on the Contractor's part. The external consultant for this project has previous experience with Brook Restoration Ltd on similar projects and confirmed and endorsed their capabilities. Contractor has completed at least 5 projects of similar size and scope with good references.

**ENVIRONMENTAL CONSIDERATIONS**

Through the procurement process we have required that all demolished materials be recycled or disposed of in an environmentally friendly manner. The Cornell CC&L project achieved the LEED Silver level of certification. This contract relates to repair and replacement of defective components only, hence not impacting the LEED principle regarding environmental considerations.



### STAFF AWARD REPORT

To:	Morgan Jones, Acting Director of Operations
Re:	122-T-15 Consultant Services for the Installation of Accessible Pedestrian Signals and Associated Civil Works
Date:	May 27, 2015
Prepared by:	Ravali Kosaraju, Acting Supervisor, Traffic Operations, ext. 2608 Patti Malone, Senior Buyer, ext. 2239

#### PURPOSE

To obtain approval to award the contract for consultant services for the provision of accessible pedestrian signals at seventeen (17) City intersections.

#### RECOMMENDATION

Recommended Supplier (s)	Ainley Group (Lowest Priced Supplier)	
Current Budget Available	\$ 121,000.00	061-6150-15234-005 Pedestrian Accessibility Improvements – Phase 5 of 6
Less cost of award	\$ 81,057.95	Cost of Award Inclusive of HST
	\$ 8,105.80	10% Contingency
	\$ 89,163.75	Total Award
Budget Remaining after this award	\$ 31,836.25	*

\* The remaining balance in the amount of \$31,836.25 will be returned to original funding source.

#### BACKGROUND

This is the fifth of a six-year annual program in the citywide installation of accessible pedestrian signals. This particular staff award applies only to consultant services, including design and contract administration. The project will be tendered for construction in 2016 (tentative), subsequent to designs being finalized.

The project involves the installation of Accessible Pedestrian Signals at the following seventeen (17) intersections:

- 1) Alden Road & Bentley Street;
- 2) Birchmount Road & McNabb Street / Micro Court;
- 3) Denison Street & Victoria Park Avenue;
- 4) Esna Park Drive & IBM Access;
- 5) Denison Street & Coxworth Street;
- 6) Bullock Drive & Loblaws Access;
- 7) Commerce Valley Drive West & South Park Road;
- 8) Copper Creek Drive & Bernbridge Road;
- 9) Old Kennedy Road & Aldergrove Drive;
- 10) Yorktech Drive & Addiscott Court;
- 11) John Street & John Street Service Road;
- 12) Golden Avenue & Fonda Road;
- 13) Victoria Park Avenue & IBM Access;
- 14) Main Street Markham & Parkway Avenue / Bullock Drive;
- 15) John Street & Aileen Road;
- 16) Rodick Road & Hollingham Road / John Button Boulevard; and
- 17) Denison Street & Clayton Drive.

#### BID INFORMATION

Advertised	ETN
Bids closed on	May 21, 2015
Number picking up bid documents	5
Number responding to bid	3

#### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid Price
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<b>Ainley Group</b>	<b>\$81,057.95</b>
Moon-Matz Ltd.	\$121,908.48
Lea Consulting Ltd.	\$186,577.98

This contract represents a 11% decrease in unit price (per intersection) compared to the previous contract that was for 9 locations. The work is to be completed within a 15 month period.



## STAFF AWARD REPORT

To:	Morgan Jones, Acting Director, Operations
Re:	127-Q-15 Load, Haul and Dispose of Soils
Date:	August 28, 2015
Prepared by:	Mike Brady, Supervisor, Contract Administration, Ext. 2316 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the load, haul and disposal of soil from 555 Miller Avenue.

### RECOMMENDATION

Recommended Supplier	Rafat General Contractor Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 96,000.00	700 5075760 Tipping Fees
Less cost of award	\$ 71,240.00	Award amount (Inclusive of HST)
	\$ 3,562.00	5% Contingency
	\$ 74,802.00	Total Award
Budget after this award	\$ 21,198.00	*

\*The remaining balance of \$21,198.00 will be used to tip remaining fill in Miller Yard.

### BACKGROUND

This contract is for the labour and equipment to load, haul off site and dispose of approximately 2,000 tonnes of soil at 555 Miller Avenue.

The Scope of Work is as follows:

- Pay all "Dumping" fees
- Material is to be disposed of at a ministry approved site duly authorized to receive such material
- Provide evidence and proof to the City, by way of weigh tickets, that the material has been properly disposed

### BID INFORMATION

Advertised	ETN
Bid closed on	June 25, 2015
Number picking up document	31
Number responding to bid	6

### PRICE SUMMARY

Suppliers	Price Per Tonne	Tonnes of material	Price (Inclusive of HST)
<b>Rafat General Contractor Inc.</b>	<b>\$35.62</b>	<b>2000</b>	<b>\$71,240.00</b>
Four Seasons Site Development Ltd.	\$40.70	2000	\$81,400.00
2224813 Ont. Inc. O/A KG Services	\$41.21	2000	\$82,420.00
Miller Waste Systems Inc.	\$42.74	2000	\$85,480.00
Tbg Landscape Inc.	\$44.63	2000	\$89,260.00
Griffith Property Services Ltd	\$47.83	2000	\$95,660.00

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

To:	Jim Baird, Commissioner, Development Services
Re:	129-T-15 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	June 18, 2015
Prepared by:	Eugene Chen, Capital Works Engineer, Ext. 2451 Tony Casale, Senior Construction Buyer, Ext. 3190

**PURPOSE**

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

**RECOMMENDATION**

Recommended Supplier (s)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 9 locations) VM DiMonte Construction Limited (Lowest Priced Supplier - 3 locations) FDM Contracting Co. Ltd (Lowest Priced Supplier - 2 locations)	
Less Cost of Award	\$ 194,050.00	Cost of award (Excl. of HST )*
	\$ 25,226.50	HST (13%) **
	\$ 219,276.50	Total Cost of Award

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

\*\*The City will be collecting the tendered cost and the 13% HST from the home owners for the service connections and will then remit the full 13% HST to CRA. The City can claim 100% of the HST paid to the vendor for the services rendered. There is therefore no tax impact to the City.

**BACKGROUND**

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

- 11 Hughson Dr – Water, sanitary and storm sewer connections
- 18 Paradise Ave – Water and sanitary sewer connections
- 38 Noble St – Water, sanitary and storm sewer connections
- 4 Erlane Ave - Water and sanitary sewer connections
- 6 Graham Cres – Water connection
- 111 Grandview Ave - Water, sanitary and storm sewer connections
- 36 Sciberras Dr - Water and sanitary sewer connections
- 169 Bay Thorn Dr - Water, sanitary and storm sewer connections
- 6 Emily Carr St - Water, sanitary and storm sewer connections
- 167 Krieghoff Dr - Water, sanitary and storm sewer connections
- 125 Grandview Ave - Water, sanitary and storm sewer connections
- 45 Wembley Ave - Water, sanitary and storm sewer connections
- 9 Lunar Cres. – Water connection
- 9A Lunar Cres – Sanitary and storm sewer connections

**BID INFORMATION**

Advertised	Electronic Tendering Network (ETN)
Bids closed on	June 2, 2015
Number picking up bid documents	6
Number responding to bid	4

**PRICE SUMMARY (Exclusive of HST)**

	<b>NSJ WATERWORX</b>	<b>FDM CONTRACTING</b>	<b>V.M. DiMonte</b>	<b>Sam Rabito Construction</b>
Description	Bid Price (Excl. of taxes)	Bid Price (Excl. of taxes)	Bid Price (Excl. of taxes)	Bid Price (Excl. of taxes)
11 Hughson Dr (Sanitary/Storm/Water)	<b>\$ 19,200.00</b>	\$ 19,700.00	\$ 20,600.00	\$ 69,700.00
18 Paradise Ave (Sanitary/Water)	\$ 13,500.00	<b>\$ 8,500.00</b>	\$ 11,700.00	\$ 42,000.00
38 Noble St (Sanitary/Storm/Water)	\$ 23,500.00	\$ 51,700.00	<b>\$ 22,900.00</b>	\$ 136,360.00
4 Erlane Ave (Sanitary/Water)	<b>\$ 12,700.00</b>	\$ 20,100.00	\$ 19,200.00	\$ 56,000.00
6 Graham Cres. (Water)	<b>\$ 5,200.00</b>	\$ 6,300.00	\$ 8,200.00	\$ 13,500.00
111 Grandview Ave (Sanitary/Storm/Water)	<b>\$ 18,000.00</b>	\$ 20,300.00	\$ 22,700.00	\$ 73,600.00
36 Sciberras Dr.(Sanitary/Water)	\$ 13,500.00	<b>\$ 11,050.00</b>	\$ 12,400.00	\$ 48,500.00
169 Bay Thorn Dr. (Sanitary/Storm/Water)	\$ 19,400.00	\$ 19,400.00	<b>\$ 16,900.00</b>	\$ 89,400.00
6 Emily Carr St. (Sanitary/Storm/Water)	<b>\$ 15,800.00</b>	\$ 18,900.00	\$ 22,700.00	\$ 70,000.00
167 Krieghoff Dr (Sanitary/Storm/Water)	<b>\$ 17,500.00</b>	\$ 17,950.00	\$ 22,700.00	\$ 83,200.00
125 Grandview Ave (Sanitary/Storm/Water)	<b>\$ 18,000.00</b>	\$ 18,200.00	\$ 23,400.00	\$ 70,700.00
45 Wembley Ave (Sanitary/Storm/Water)	<b>\$ 12,400.00</b>	\$ 14,100.00	\$ 24,400.00	\$ 64,400.00
9 Lunar Cres (Water)	<b>\$ 4,900.00</b>	\$ 5,450.00	\$ 7,000.00	\$ 12,500.00
9A Lunar Cres (Sanitary/Storm)	\$ 16,800.00	\$ 19,400.00	<b>\$ 11,000.00</b>	\$105,000.00

**ENVIRONMENTAL CONSIDERATIONS**

Not applicable



### STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Service
Re:	130-Q-15 Pan Am Overlay Parking
Date:	August 28, 2015
Prepared by:	Max Stanford, Project Manager, Ext. 2710 Patti Malone, Senior Buyer, Ext. 2239

#### PURPOSE

To obtain approval to award the contract for grading contractor to undertake the adjacent overlay parking lot to the Pan AM Centre.

#### RECOMMENDATION

Recommended Supplier	D & A Road Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 82,952.00	500 101 5399 13856 Pan Am – Post Works
Cost of award	\$ 76,320.00	cost of award (inclusive of HST)*
	\$ 7,632.00	10% contingency
	\$ 83,952.00	Total Award (inclusive of HST)
Budget Remaining after this award	\$ 0	

Note: As per the Pan Am funding agreement, the City of Markham has committed up to \$46.59M to the Pan Am facility. All Post Works are included as part of the overall funding agreement with TO2015.

#### BACKGROUND

This individual project is part of the Toronto 2015 overlay plan of which Markham has allowed the use of the adjacent lot.

Markham has made a commitment to Toronto 2015 to pay for the first \$80,000 of the construction of this parking lot and bus loop. TO2015 has agreed to pay for any amount above \$80,000. Staff estimated that the parking lot and bus loop would cost approximately \$212,000. The City cost of \$80,000 will be paid out of the total cost agreement of \$46.59M. Toronto 2015 portion of the work including this project is approximately \$132,000. The overall project cost of the parking lot and bus loop has exceeded \$80k and therefore TO2015 will reimburse the City for the full amount of \$83,952 for this award.

The Granular material required for the overlay parking lot and bus loop has been awarded under a separate contract. This contract is to shape and grade the material being provided under a separate contract and install amount of asphalt for accessibility parking and related walkways. Schedule: The grading portion is to be completed by June 24, 2015.

#### BID INFORMATION

Advertised	Invite Only
Bid closed on	June 5, 2015
Number of Invited Bidders	12
Number responding to bid	5

#### PRICE SUMMARY (Including HST)

Suppliers	Bid Price
<b>D&amp;A Road Services Inc</b>	<b>\$76,320.00</b>
Vaughan Paving Ltd.	\$88,429.44
K.J. Beamish Construction Co., Limited	\$96,775.80
Brennan Paving & Construction Ltd.	\$122,535.32
Pylon Paving (1996) Inc.	\$142,645.13



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

To:	Andy Taylor, Chief Administrative Officer
Re:	131 -T-15 Relining of Four Culverts At Various Locations (C045, C058, C060 & C067)
Date:	June 17, 2015
Prepared by:	Hossein Sharif, Senior Capital Engineer, Ext. 2382 Tony Casale, Senior Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the contract for the Relining of Four Culverts at the following locations:

Culvert C045 – located at Reesor Road (1300m south of Major Mackenzie Drive)

Culvert C058 – located at 19<sup>th</sup> Ave (800m W of Hwy 48)

Culvert C060 – located at Royal Orchard Boulevard (300m E of McCowan Road)

Culvert C067 – located at Bullock Drive (550m E of McCowan Road)

**RECOMMENDATION**

Recommended Supplier	Hawkins Contracting Limited (Lowest Priced Supplier)	
Current Budget Available	\$ 569,270.08	058-6150-14277-005 Culverts Rehabilitation
Less cost of award	\$ 469,217.43	Cost of Award
	\$ 37,537.39	Contingency (8%)
	\$ 506,754.82	Total Award Inclusive of HST
Budget remaining	\$ 62,515.26	*

\*Remaining budget of \$10,000 is required for geotechnical testing and the remaining \$52,515.26 will be returned to the original funding source.

**BACKGROUND**

In meeting the legislative requirement of the Public Transportation and Highway Act- Regulation 104/97, the City implements annual structures inspection program to identify the maintenance and rehabilitation needs to protect and prolong the life of the structures. Since 2004, the City has undertaken regular inspection of the structures. Based on the 2012/2013 condition inspection program, these four culverts were recommended for further investigation and rehabilitation work. The City's consultant conducted a detail condition survey and recommended relining the four culverts as the best option.

During the construction, the following Traffic Management Plan will be implemented:

Structure ID	Location	Traffic Control Plan	Remarks
C045	Reesor Road (1300m south of Major Mackenzie Drive)	Open to traffic	Flagging services only during guiderail replacement
C058	19 <sup>th</sup> Ave (800m W of Hwy 48)	Open to traffic	Flagging services only during guiderail replacement
C060	Royal Orchard Boulevard (300m E of McCowan Road)	Open to traffic	Flagging services only during loading and unloading of materials
C067	Bullock Drive (550m E of McCowan Road)	Open to traffic	Flagging services only during guiderail replacement

**BID INFORMATION**

Advertised	ETN
Bid closed on	June 16, 2015
Number picking up document	16
Number responding to bid	5

**PRICE SUMMARY**

Suppliers	Bid Price (Incl. of HST)
<b>Hawkins Contracting Services Limited</b>	<b>\$ 469,217.43</b>
Clearwater Structures Inc	\$ 532,738.02
Tascan Corp	\$ 795,255.42
Dagmar Construction Inc.	\$ 990,629.64
Powerline Plus Ltd.	\$ 1,303,983.37

**FINANCIAL CONSIDERATIONS**

The following table summarizes the financial details of this award:

Account Name	Account No.	Original Budget	Total Budget Available	Committed	Budget Available for this award	This Award	Budget Remaining
Culverts Rehabilitation (9 Structures)	058-6150-14277-005	\$1,611,400	\$1,356,684	\$787,414	\$569,270	\$506,755	\$62,515

Notes: Award inclusive of 1.76%

\*Remaining budget of \$10,000 is required for geotechnical testing and the remaining \$52,515.26 will be returned to the original funding source.

**ENVIRONMENTAL CONDITIONS**

The construction will require in-water work (culvert relining) and the work must adhere to fishing timing window between July 1 and March 31st of any given year as per TRCA's Regulations. To comply with the Migratory Birds Convention Act, vegetation removals should take place between August 1 and April 14 of any given year.

To insure that the existing watercourse is not disturbed during the relining work, the contractor will have to carry out by-pass pumping during construction as per TRCA Regulation.



### STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	135-T-15 Supply and Install Fence (Backstop and Outfield Replacement)
Date:	August 28, 2015
Prepared by:	Steve Matunin, Operation Supervisor, Ext. 4560 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the removal and installation of backstops and outfield fences Carlton Park, Stargell Park and James Edward Park.

### RECOMMENDATION

Recommended Supplier	Bramalea Fence Ltd. (Lowest Priced Supplier)	
Budget available	\$ 182,800.00	059-6150-15218-005 Supply and Install Fence
Less cost of award	\$ 96,224.26	Inclusive of HST impact
	\$ 9,622.42	10% Contingency Inclusive of HST impact
	\$ 105,846.68	Total Award Amount
Budget Remaining after this award	\$ 76,953.32	*

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

Note: There is an opportunity to further reduce the scope of work at James Edward Park due to a recent condition assessment which identified areas within the bid specification which may potentially be able to be reduced and as such, bring down the cost of the award. Staff will negotiate with the low bidder prior to award and any cost reductions will be returned to the original funding source.

### BACKGROUND

This contract is for the annual replacement of baseball field backstops and outfields. In 2015, the following three backstops and two outfields will be replaced:

- Carlton Park (one backstop and one outfield)
- Stargell Park (one backstop)
- James Edward Park (one backstop and one outfield)

These backstops are due for replacement based on life expectancy and condition assessment. The new backstops will assist in providing a safe location for residents to watch baseball games in their community.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 21, 2015
Number picking up document	11
Number responding to bid	4

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
<b>Bramalea Fence Ltd.</b>	<b>\$96,224.26</b>
DC Fence & Contracting Inc.	\$104,202.24
Atlas Fence West Inc.	\$147,546.91
Alpeza General Contracting	\$256,638.72

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

To:	Mary Creighton, Director of Recreation Services
Re:	137-Q-15 Washroom Renovations at Armadale and Rouge River Community Centres
Date:	August 12, 2015
Prepared by:	Chris Gucciardi, Facility Supervisor, Ext. 2107 Kevin McGuckin, Facility Supervisor, Ext. 3776 Flora Chan, Senior Buyer, Ext. 3189

**PURPOSE**

To obtain approval to award the contracts for washroom renovations at Armadale and Rouge River Community Centres.

**RECOMMENDATION**

Recommended Supplier	Rose Land Canada Ltd. (Lowest Priced Supplier for Armadale)	
Budget available	\$ 35,600.00	500-101-4299-15151 (Washroom reno for Armadale)
Less cost of award	\$ 22,690.44	Cost of Award (Inclusive of HST)
	\$ 2,269.04	10% Contingency
	\$ 24,959.48	Total Award (Inclusive of HST)
Budget Remaining after this award	\$ 10,640.52	*

\*Remaining balance in the amount of \$10,640.52 will be returned to the original funding source.

Recommended Supplier	MGR Contracting and Maintenance Ltd. (Lowest Priced Supplier for Rouge River)	
Budget available	\$ 45,500.00	500-101-5399-15178 (Washroom reno for Rouge River)
Less cost of award	\$ 37,641.53	Cost of Award (Inclusive of HST)
	\$ 3,430.74	Provisional Item
	\$ 4,107.23	10% Contingency
	\$ 45,179.50	Total Award (Inclusive of HST)
Budget Remaining after this award	\$ 320.50	*

\*Remaining balance in the amount of \$320.50 will be returned to the original funding source.

**BACKGROUND**

Armadale community centre and Rouge River community centre were last updated in 1996 and 2002, respectively. They are outdated and are hard to maintain due to the age of the washrooms. There are damaged tiles and chipped countertops in both facilities making them look deteriorated. The renovation contract will rejuvenate both facilities with updated tiles, countertops, sinks and mirrors while providing the residents and visitors a more up-to-date look.

Armadale's renovation is scheduled start on September 17, 2015 and Rouge River's renovation is schedule to start on November 15, 2015.

**BID INFORMATION**

Advertised	ETN
Bid closed on	August 4, 2015
Number picking up document	44
Number responding to bid	10

**PRICE SUMMARY (Inclusive of HST)**

Suppliers	Armadale CC Bid price	Rouge River CC Bid price	Total Base Bid*	Provisional item*	Total
<b>MGR Contracting and Maintenance Ltd.</b>	<b>\$ 23,760.96</b>	<b>\$ 37,641.53</b>	<b>\$ 61,402.49</b>	<b>\$ 3,430.74</b>	<b>\$ 64,833.23</b>
<b>Rose Land Canada Ltd.</b>	<b>\$ 22,690.44</b>	<b>\$ 50,231.79</b>	<b>\$ 72,922.23</b>	<b>\$ 702.14</b>	<b>\$ 73,624.38</b>
Portfolio Contracting Inc.	\$ 29,419.31	\$ 57,392.47	\$ 86,811.78	\$ 1,787.74	\$ 88,599.52
Joe Pace & Sons Cont Inc.	\$ 40,704.00	\$ 59,936.64	\$ 100,640.64	\$ 2,442.24	\$ 103,082.88
ASN Inc.	\$ 48,937.70	\$ 68,446.51	\$ 117,384.21	\$ 3,052.80	\$ 120,437.01
CCS Construction Group Inc.	\$ 58,004.12	\$ 65,648.46	\$ 123,652.58	\$ 1,111.22	\$ 124,763.79
M.J.K.. Construction Inc.	\$ 43,375.20	\$ 82,049.09	\$ 125,424.29	n/a	n/a
Hammerschlag Construction	\$ 71,232.00	\$ 59,020.80	\$ 130,252.80	n/a	n/a
Morosons Construction Ltd.	\$ 51,462.07	\$ 86,088.96	\$ 137,551.03	n/a	n/a
Stracor Inc.	\$ 63,786.22	\$ 112,246.37	\$ 176,032.59	\$ 3,826.18	\$ 179,858.76

\*Bid price (Bid opening) excluding provisional items.

\*\*Provisional items include additional costs to remove and replace 2 inner wooden fire rated doors at Rouge River Community Centre. This item was left out of Bid due to uncertainty of Bid prices the City would receive and Staff believes this is to be good value to include within this award.

**OPTIONS AND DISCUSSIONS**

In order to maximize efficiency and economic benefit, one Bid was issued to market for two community centres with similar scope of work to renovate washrooms. The Bid was structured to allow the City to award the contract whole or in part to the best interest of the City. By splitting the award to the respective lowest supplier for each location instead of the overall lowest supplier for both locations. The City saved \$1,070.52 without any negative impacts on either project.

**ENVIRONMENTAL CONSIDERATIONS**

Some materials (e.g. soap dispensers, partition walls, hand dryers and sinks) will be salvaged for re-use while other materials will be removed and disposed of. Through the procurement process, we have required that all demolished materials be recycled/reused or disposed of, in an environmentally friendly manner. With the installment of new toilets and urinals, water flow and reduction will be more efficient to reduce water consumption.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	138-T-15 – Multi-Use Pathway Construction Phase 2
Date:	July 21, 2015
Prepared by:	Dereje Tefesse, Capital Works Engineer Ext. 2034 Tony Casale, Sr. Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the construction contract for Phase II Multi-Use Pathway construction through the Rouge River Valleys including the construction of four pedestrian bridges.

**RECOMMENDATION**

Recommended Supplier	Hawkins Contracting Services Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 1,929,968.00	083-5350-14403-005 Cycling and Trails
	<u>\$ 3,035,537.00</u>	083-5350-15062-005 Multi-Use Pathways 2015
	\$ 4,965,505.00	Total Budget Available
Less Cost of Award	\$ 3,064,394.86	083-5350-14403-005 & 083-5350-15062-005
	<u>\$ 245,151.59</u>	Contingency (8%)
	\$ 3,309,546.45	Total (Inclusive of HST)
	\$ 281,215.99	Capital Admin Fee
	<u>\$ 198,572.79</u>	Internal Construction Administration Fee @6%
	\$ 3,789,335.23	Total Cost of Award
Budget Remaining after this award	\$ 1,176,169.77	*

\* The remaining budget of \$1,176,169.77 will be carried forward to the 2016 Capital MUP program for Phase 3 works as part of the 2016 Capital Budget request.

**BACKGROUND**

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

Key aspects of the vision from these 2 plans include:

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

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

Construction for phase 1 commenced in December 2013 and was substantially completed in August 2014. This Tender is for the second phase of MUP construction and includes the construction of a 4.0km multi use trail, four pedestrian bridges, 0.2km boardwalks, 6 entry features, landscaping, geotechnical investigation and signages.

Phase II encompasses the following locations:

- a) Carlton Road to Drakefield Road – Signage and entry features;
- b) Milne Conservation Dam (Area 4) – Accessible parking lot, signage, boardwalk and trail construction
- c) East of Markham Road to the proposed pedestrian bridge connecting to Tuclor Lane (Sherwood Community)  
Area 5– limestone /asphalt trail, one pedestrian bridge & entry features.
- d) Pathway to Tuclor Lane (Sherwood Community) to 14<sup>th</sup> Avenue (Area 5 & 6) – limestone/asphalt trail, boardwalk, three pedestrian bridges, signage and entry features.

The project is expected to commence in August 2015 and be substantially completed by July 2016.

#### Operating Budget impact

The future maintenance, repair and replacement of the expanded pathway system will be considered in future Operations budget submissions. The design consultant is currently preparing a life cycle operation and maintenance cost analysis to determine the rehabilitation and replacement value. A report which includes the life cycle operations and maintenance cost analysis will be submitted to DSC in September 2015. The new pathway system includes pedestrian bridges, lime stone screenings and asphalt pathway (i.e. at a location where steep grade is encountered, to minimize and avoid erosion of the pathway material), boardwalks, etc. will be added to the Life Cycle Reserve Study.

#### BID INFORMATION

Advertised	ETN
Bid closed on	July 9, 2015
Number picking up document	30
Number responding to bid	6

#### PRICE SUMMARY

Suppliers	Bid Price (Inclusive of HST)
<b>Hawkins Contracting Services Limited</b>	<b>\$ 3,064,394.86</b>
Speedside	\$ 3,090,746.30
Dynex Construction	\$ 3,376,085.50
CSL Group	\$ 3,485,803.05
MTM Landscaping Contractors Inc.	\$ 3,666,892.09
Dig-Con International Ltd.	\$ 4,901,556.55

#### ENVIRONMENTAL CONSIDERATIONS

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

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account#</b>	<b>Total Approved Budget</b>	<b>Budget Available for this Award</b>	<b>Less Cost of the Award</b>	<b>Budget Remaining</b>
Cycling and Trails - Toogood Pond to Bob Hunter Park	83-5350-14403-005	2,920,043.00	1,929,968.00	1,929,968.00	<b>0</b>
Multi-Use Pathways 2015 - Phase 2 of 4	83-5350-15062-005	3,960,000.00	3,035,537.00	1,859,367.23	<b>1,176,169.77</b>
	Total	<b>6,880,043.00</b>	<b>4,965,505.00</b>	<b>3,789,335.23</b>	<b>1,176,169.77</b>

The remaining budget of \$1,176,169.77 will be carried forward to the 2016 Capital MUP program for Phase 3 works as part of the 2016 Capital Budget request.





## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	140-T-15 Supply and Delivery of Loader, Skid Steer and Mower
Date:	August 28, 2015
Prepared by:	Laurie Canning, Manager, Fleet & Supplies, Ext. 4896 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the supply and delivery of the following items :

1. one (1) loader
2. one (1) skid steer; and
3. one (1) 11 foot rotary mower.

### RECOMMENDATION

Recommended Supplier	Moore Equipment (Lowest Priced Supplier/Item #1) Bobcat of Toronto (Lowest Priced Supplier/ Item #2) G.C. Duke Equipment Ltd. (Lowest Priced Supplier/Item #3)	
Original Budget and Account #	\$ 1,794,500.00	Various Accounts (see Financial Considerations)
Less cost of award	\$ 77,235.84 \$ 54,512.34 <u>\$ 55,769.57</u> \$ 187,517.75	Moore Equipment award – item # 1 (Inclusive of HST) Bobcat of Toronto – item # 2 (Inclusive of HST) G.C. Duke Equipment Ltd. – item # 3 (Inclusive of HST) 057-6150-15241-005 Corp Fleet Replacement (Non-fire) 057-5350-15243-005 New Fleet – Parks
Budget Remaining after this award	\$ 4,002.25	*

\* The remaining balance in the amount of \$4,002.25 will be returned to source.

### BACKGROUND

This tender was issued in accordance with the Purchasing By-law for the total of three (3) units of which 1 unit is identified in the 2015 Corporate Fleet Replacement Program and 2 units are new Fleet additions as approved in the 2015 New Fleet Parks capital request. Staff reviewed the bid document and are satisfied that all terms and conditions comply with the City's requirements. All units identified for replacement in this report have had condition assessments completed by Fleet staff and met the fleet replacement life cycle of 8 years as identified in the Corporate Fleet Policy for this unit type/class.

A Case 570MXT 4 wheel drive, tractor, loader (Unit # 3454) will be sold upon delivery of the new units in accordance with Purchasing By-law 2004-341, PART V Disposal of Personal Property and proceeds will be posted to account 890 890 9305 proceeds from the Sale of Other Fixed Assets.

### BID INFORMATION

Advertised	ETN
Bid closed on	June 25, 2015
Number picking up document	20
Number responding to bid	7

**PRICE SUMMARY (Inclusive of HST)**

Item #	1	2	3
Suppliers	Loader (1 unit)	Skid Steer (1 unit)	11 Foot Rotary Mower (1 unit)
<b>G.C. Duke Equipment Ltd.</b>	No Bid	No Bid	<b>\$55,769.57</b>
Hutchinson Farm Supply	\$94,364.08	\$67,947.19	No Bid
StrongeCo Limited Partnership	\$96,163.20	\$74,386.56	No Bid
<b>Bobcat of Toronto</b>	No Bid	<b>\$54,512.34</b>	No Bid
BEC Equipment	\$98,170.92	\$72,371.71	No Bid
<b>Moore Equipment</b>	<b>\$77,235.84</b>	\$67,568.64	No Bid
Toplift Enterprises Inc.	\$92,805.12	No Bid	No Bid
Turf Care Products Canada Limited	No Bid	No Bid	\$55,968.00

**FINANCIAL CONSIDERATIONS**

Project & Account	Unit # being replaced	Description	Budget Allocation	Cost of the Award (Incl. HST)	Budget Remaining
2015 Corp Fleet Replacement Non-Fire 057-6150-15241-005	3454	Loader	76,320.00	77,235.84	(915.84)
2015 New Fleet - Parks 057-5350-15243-005		Skid Steer 11ft Mower	60,200.00 55,000.00	54,512.34 55,769.57	5,687.66 (769.57)
Total			191,520.00	187,517.75	4,002.25

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

To:	Andy Taylor, Chief Administrative Officer
Re:	142-T-15 Sediment Removal at Two Stormwater Management Ponds (ID #40 & #56)
Date:	July 6, 2015
Prepared by:	Rob Muir, Manager Stormwater, Ext. 2894 Tony Casale, Senior Construction Buyer. Ext. 3190

**PURPOSE**

To obtain approval to award the contract for cleaning of the Storm water Management Ponds at Bridal Trail Phase 5 (Pond #40) and Daniels Rouge Subdivision (Pond #56).

**RECOMMENDATION**

Recommended Supplier	Seawaves Development Services Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 918,000.00	058- 6150-13363-005 SWM Pond Cleaning (ID #40) 058- 6150-13364-005 SWM Pond Cleaning (ID #56)
Less: Cost of Award	\$ 344,646.62	Cost of Award
	<u>\$ 34,464.66</u>	Contingency (10%)
	\$ 379,111.28	Total Award (inclusive of HST Impact)
Budget Remaining after this award	\$ 538,888.72	*( \$918,000.00 - \$379,111.28)

\* The remaining budget of \$538,888.72 will be returned to the original funding source.

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

**BACKGROUND**

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

The scope of work for the project includes the following:

**(a) Pond # 40 – Located on Carlton Rd**

- Tree maintenance, removal and protection
- Water course by-pass and dewatering
- Removal and replacement of guardrail
- Fish and Wildlife conservation
- Sediment removal from the two forebays and dispose to off site
- Repair the inlets to the forebays
- Planting vegetation and Site Restoration

**(b) Pond # 56 – Located on Charlotte Angis Rd**

- Tree maintenance, removal and protection
- Water course by-pass and dewatering
- Fish and Wildlife conservation
- Installation of a turning circle
- Sediment removal from the forebay and pond
- CSP removal and concrete pipe installation
- Construction of concrete head walls
- Planting vegetation and Site Restoration

It is anticipated that construction will commence in July and be substantially completed by November 2015

**BID INFORMATION**

Advertised	ETN
Bids closed on	June 23, 2015
Number picking up bid documents	22
Number of Suppliers responding to bid	6

**PRICE SUMMARY**

Suppliers	Bid Price (Inclusive of HST)
<b>Seawaves Development Services Inc.</b>	<b>\$ 344,646.62</b>
Dynex Construction Inc.	\$ 472,255.44
Lancoa Contracting Inc.	\$ 499,080.90
2220742 Ontario Ltd./ Bronte Construction	\$ 503,487.36
Alcam Excavating Ltd.	\$ 809,899.95
WESSUC Inc.	\$1,378,182.06

**FINANCIAL CONSIDERATIONS**

The following table summarizes the financial details of this award:

Account Name	Account No.	Total Budget Amount	Budget Available for this award	This Award	Contingency (10%)	Budget Remaining
SWM Pond Cleaning (ID #40)	058-6150-13363-005	\$539,900	\$459,000	\$146,951.62	\$14,695.16	\$297,353.22
SWM Pond Cleaning (ID #40)	058-6150-13364-005	\$539,000	\$459,000	\$197,695.00	\$19,769.50	\$241,535.50
<b>Total</b>		<b>\$1,078,900</b>	<b>\$918,000</b>	<b>\$344,646.62</b>	<b>\$34,464.66</b>	<b>\$538,888.72</b>

\* The remaining budget of \$538,888.72 will be returned to the original funding source.

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

**ENVIRONMENTAL CONDITIONS**

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



### STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	143-T-15 Civic Centre Skylight Sealant Replacement
Date:	July 30, 2015
Prepared by:	Michael Ryan, Facility Engineer, Ext. 2563 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for sealant replacement work at seven (7 ) skylight assemblies and replacement of three (3) dome skylights at the Civic Centre.

### RECOMMENDATION

Recommended Supplier	2SC Contracting Inc. (Lowest Priced Supplier)	
Budget available	\$ 494,830.00	750-101-5699-15266 (Roofing project)
Less cost of award	\$ 141,446.40	Cost of Award (Inclusive of HST)
	\$ 58,003.20	Provisional items
	\$ 19,944.96	10% Contingency
	\$ 219,394.56	Total Award Inclusive of HST
Budget Remaining after this award	\$ 275,435.44	*

\*The remaining budget of \$275,435.44 will be returned to the original funding source.

### BACKGROUND

Due to leaks through various skylights at the Civic Centre, an assessment was completed in 2012 by a consultant that identified repair requirements. Subsequently, a 'Skylight Sealant Replacement Program' was developed. The first phase of that program was replacement of the Lower Atrium Skylight Sealant, which was completed in 2013.

Sealant of the remaining skylight assemblies are to be replaced through this award. Given the age and condition of the sealant and based on the consultant's recommendations, the remaining skylight assemblies require sealant replacement to reduce the risk of leakage which may cause disruptions in facility operation. In addition to the sealant replacement, the domed skylights at the Mayor and Councillors' areas will be replaced through this contract award. These skylights are at the end of their useful life and require replacement to address risk of leaks.

Upon approval, the sealant replacement work will start in early September with an estimated completion timeline of end of November.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 14, 2015
Number picking up document	7
Number responding to bid	3

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Base Bid price	Optional items*	Total Bid Price
<b>2SC Contracting Inc.</b>	<b>\$ 141,446.40</b>	<b>\$ 58,003.20</b>	<b>\$ 199,449.60</b>
Maxim Group General Contracting Ltd.	\$ 169,755.01	\$ 70,441.83	\$ 240,196.85
Dominion Caulking Ltd.	\$ 179,097.60	\$ 81,713.28	\$ 260,810.88

\* Provisional items are to replace the chapel skylight, replace sealant at the glass canopies and to perform the work after hours, to prevent relocation of staff and disruptions to facility users. They were left out of Bid due to uncertainty of Bid prices the City would receive and Staff believes this is to be good value to include within this award.

### ENVIRONMENTAL CONSIDERATIONS

Thermal resistance of the existing dome skylights has degraded over time, and therefore, the new skylight will be more energy efficient than the existing ones. Also, all materials used in the construction and waste disposal will be environmentally sustainable as indicated in the Tender.





### STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community and Fire Services
Re:	152-Q-15 Treatment of Ash Trees (Tree Azin)
Date:	August 28, 2015
Prepared by:	Peter Shields, Forestry Supervisor, Ext. 2335 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for the yearly treatment of ash trees (tree azin).

### RECOMMENDATION

Recommended Supplier	Davey Tree Expert Co. of Canada Limited (Lowest Priced Supplier)	
Current budget available	\$ 1,695,616.29	700-101-5399-15013 Emerald Ash Borer Program - Year 3 of 5
Less cost of award	\$ 41,640.19	2015 Trees, inclusive of HST
	\$ 42,423.74	2016 Trees, inclusive of HST *
	\$ 43,319.23	2017 Trees, inclusive of HST *
	\$ 127,383.16	Total Award, inclusive of HST *
Budget Remaining after this award	\$ 1,653,976.10	**(\$1,695,616.29 - \$127,383.16)

\* Subject to Council approval of the 2016/2017 budgets.

\*\* Balance remaining to be retained within the EAB budget for ongoing program costs.

The pricing for year 2 and 3 will increase approximately 2% per year.

Note: The bid document included provisional prices for the cost to undertake residential ash tree treatment for Markham residents if they required this service. Staff have to finalize the legality, payment method by residents and internal administration levels required prior to proceeding to implement a program of this type.

### BACKGROUND

In accordance with Emerald Ash Borer Management Plan, Tree Azin has been identified as the current treatment option for injection of our Ash trees to suppress the spread of the insects. This treatment should be performed between the months of April through September by a licensed applicator and is to be performed yearly (previously, every two years) provided the tree still remains a viable candidate. Based on the current monitoring program for Emerald Ash Borer, an estimated 400 trees (11,000-12,000cm, pending size of suitable trees) will be treated in 2015. The work is to be completed before the end of July

### BID INFORMATION

Advertised	ETN
Bid closed on	June 19, 2015
Number picking up document	8
Number responding to bid	4

### PRICE SUMMARY (INCLUSIVE OF HST)

Suppliers	Price (Based on Three Years)
<b>Davey Tree Expert Co. of Canada, Limited</b>	<b>\$ 127,383.16</b>
Advanced Tree Care Inc.	\$ 131,340.00
Arborvalley Urban Forestry	\$ 139,360.32
Wilderness Environmental Services	\$ 223,312.32

Note: This contract represents a 1% decrease for year 1 from the 2014 contract.

### ENVIRONMENTAL CONSIDERATIONS

Tree Azin Systemic Insecticide is used to control the emerald ash borer and various insect pests that feed on the foliage of hardwood and softwood trees. Health Canada states that the product has value and does not present an unacceptable risk to human health or the environment. If the emerald ash borer is not controlled it will destroy the tree.



## STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	158-Q-15 Towel Laundry Service at various Community Centres
Date:	June 23, 2015
Prepared by:	Warren Watson, Community Program Coordinator, ext. 4341 Flora Chan, Senior Buyer, ext. 3189

### PURPOSE

To obtain approval to award the towel laundry service contract at Centennial, Cornell and Thornhill Community Centres for a term of 3 years.

### RECOMMENDATION

Recommended Supplier (s)	G&K Services Canada (Lowest Priced Supplier)	
Total Budget Available	\$ 12,730.00	Various accounts
Less: Cost of award	\$ 17,197.44	Year 1 – July 1 2015- June 30 2016
	\$ 17,197.44	Year 2 – July 1 2016- June 30 2017*
	\$ 17,197.44	Year 3 – July 1 2017- June 30 2018*
	\$ 51,592.32	Total award
Budget Remaining after this award	-\$ 4,467.44	**(\$12,730.00 - \$17,197.44)

\*Subject to Council approval of the 2016, 2017, & 2018 budget.

\*\*Shortfall will be funded by Towel Usage Fees: 505-9418826, 503-9418826, 501-9418826, totaling annual revenue of \$28,188 as per 2015 Budget.

### BACKGROUND

The purpose of his contract is to service three Fitness Centres city-wide, with twice weekly drop off and pick of towels. The towel inventory is owned by the City and the service provider is contracted to pick up, launder and deliver the towels back to each location twice weekly.

### BID INFORMATION

Advertised	By Invitation
Bids closed on	June 18, 2015
Number picking up bid documents	5
Number responding to bid	4

### PRICING SUMMARY (Inclusive of HST)

Suppliers	Bid Price per year
G & K Services Canada	\$ 17,197.44
Ivory Linen Services	\$ 23,150.40
Cintas Canada	\$ 26,457.60
Comfy Cotton Diaper Services Inc.	\$ 31,087.68

Compared to previous contract (089-Q-12), this award represents a \$3,307.20 (19%) increase. The increase is partially due to the addition of Cornell Community Centre.

### ENVIRONMENTAL CONSIDERATIONS

The lowest price supplier, G&K Services Canada, has environmentally sound processes and committed to sustainability and social responsibility. G&K uses NPE (Nonylphenol Ethoxylate) free laundry formulations that are less toxic to the environment and have lower bio-accumulation potential for wildlife. In 2010, G&K was named to the “Green 30” and recognized as one of Canada’s 30 most environmentally conscious employers. Waste generated is source-separated, contained, minimized and reused, recycled or disposed of responsibly.





## STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community & Fire services
Re:	164-Q-15 Angus Glen Pool Security Reconfiguration
Date:	August 28, 2015
Prepared by:	Adriano Trabucco, Project Manager, ext. 3787 Robert Brown, Senior Buyer, ext. 2025

### PURPOSE

To obtain approval to award the contract for Angus Glen Pool Security Reconfiguration.

### RECOMMENDATION

Recommended Supplier	ASN Inc. (Lowest Price Supplier)	
Current Budget Available for this item	\$ 68,566.24	500-101-4299-15148 Angus Glen Pool Security Reconfiguration
Less cost of award	\$ 68,179.20	Award Inclusive of HST
	\$ 6,817.00	Contingency (10%)
	\$ 74,996.20	Total award
Budget Remaining after this award	(\$ -6,429.96)	*

\*Shortfall of \$6,429.96 will be funded from the Non-DC Capital Contingency, project #6395. Non-DC Capital Contingency account balance is currently \$44,983.00

### BACKGROUND

Currently, residents can access the Angus Glen CC building on the lower level via the pool/gymnasium. This project is to enhance the safety of the patrons using the pool change rooms as it will allow the Information Attendant a better view of the hallway. The installation of turnstile gates entering the hallway between the gymnasium and the pool change rooms will control the flow of people traffic. This project overall will establish one point of contact for people accessing this part of the facility and will ensure a better secured area to avoid thefts, child missing, and a control of who can access this area.

### BID INFORMATION

Advertised	ETN
Bids closed on	July 8th, 2015
Number picking up bid documents	3
Number responding to bid	3

### PRICE SUMMARY ( Inclusive of HST)

Suppliers	Bid Price
ASN Inc.	\$71,232.00*
Portfolio Contracting Inc.	\$82,283.09
Celini Construction Inc.	\$88,209.64

\* After bid closing, Purchasing Staff negotiated a \$3,052.80 reduction (\$71,232.00 - \$3,052.80 = \$68,179.20) to the low bidders submission to better align with the budget available.

### ENVIRONMENTAL CONSIDERATIONS

All debris shall be transported to an authorized dump, waste treatment site or recycling facility by the Contractor, and disposed of in accordance with applicable by-laws, laws and regulations (all at the Contractor's expense).



### STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	169-T-15 Traffic Control Signal Installation and Associated Civil Works – 2 Intersections
Date:	August 28, 2015
Prepared by:	Ravali Kosaraju, Supervisor (Acting), Traffic Operations, ext. 2608 Patti Malone, Senior Buyer, ext. 2239

### PURPOSE

To obtain approval to award the contract for the installation of traffic control signals at Bur Oak Avenue and Stonebridge Drive, and Bur Oak Avenue and William Berczy Boulevard to improve intersection safety and efficiency for both pedestrians and vehicles.

### RECOMMENDATION

Recommended Supplier	Guild Electric Limited (Lowest Priced Supplier)	
Current Budget Available	\$ 372,628.22	061-5350-15237-005 Traffic Signal Design and Construction
Less Cost of Award	\$ 354,884.01	Inclusive of HST impact
	\$ 17,744.21	Contingency Inclusive of HST impact (5%)
	\$ 372,628.22	Total Award
Budget remaining after this award	\$ 0.00	*

### BACKGROUND

The project involves installation of traffic control signals at Bur Oak Avenue and Stonebridge Drive, and Bur Oak Avenue and William Berczy Boulevard. Upon completion, it is expected that the traffic control signals will improve overall intersection operations and pedestrian accessibility and safety. Optimized signal timings will ensure that the needs of both vehicular and pedestrian traffic are being achieved.

### BID INFORMATION

Advertised	ETN
Bids closed on	July 14, 2015
Number picking up bid documents	7
Number responding to bid	5

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid Price
<b>Guild Electric Limited</b>	<b>\$354,884.01</b>
Black & McDonald Limited	\$378,587.88
Beacon Utility Contractors Limited	\$390,417.44
Fellmore Electrical Contractors Limited	\$490,904.94
Weinmann Limited	\$612,276.45

Project schedule: Six (6) months completion after award.



## STAFF AWARD REPORT

Page 1 of 2

To:	Brenda Librecz, Commissioner Community & Fire services
Re:	172-T-15 Supply and Delivery of Lighting Fixtures for the Theatre
Date:	August 28, 2015
Prepared by:	Bonnie Armstrong, Project Manager, ext. 3794 Robert Brown, Senior Buyer, ext. 2025

### PURPOSE

To obtain approval to award the contract for Supply and Delivery of Lighting Fixtures for the Theatre.

### RECOMMENDATION

Recommended Supplier	R.P. Dynamics Inc. (Lowest Priced Supplier – 4 items) Westbury National Show Systems Ltd. (Lowest Priced Supplier – 21 items) Scenework (Lowest Priced Supplier – 1 item)	
Current Budget Available for this item	\$ 139,800.00	074-6150-15125-005 Supply and Delivery of Lighting Fixtures
Less cost of award	\$ 10,660.38 \$ 123,878.55 \$ 656.47 \$ 135,195.40	R.P. Dynamics Inc. Westbury National Show Systems Ltd. Scenework Total award Inclusive of HST
Budget Remaining after this award	\$ 4,604.60	*

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

### BACKGROUND

As part of the approved 2015 Theatre Capital projects, the theatre is replacing lighting equipment, minor audio and audio visual equipment. This equipment is essential in supporting the daily performances and events for rental clients and the Theatre's programs. The equipment needs to respond to the demand for multiple and varied presentations/events and deliver excellence in the technical service level.

### BID INFORMATION

Advertised	ETN
Bids closed on	July 6th, 2015
Number picking up bid documents	38
Number responding to bid	3

### ENVIRONMENTAL CONSIDERATIONS

All items will be disposed of in consideration of the least environmental impact. Some components will be kept as spare parts, some will be sent to recycling depots (scrap metal) and some to the electronic disposal depot. Additionally, lights that are LED compatible will be upgraded utilizing LED lighting in this project. LEDs are extremely energy efficient and consume up to 40-70% less power than incandescent bulbs.

## PRICE SUMMARY (Inclusive of HST)

172-T-15 SUPPLY AND DELIVERY OF THEATRE LIGHTING FIXTURES							
ITEM #	Qty	R P Dynamics Inc.		Westbury National		Scenework	
		Unit price	Extended Price	Unit price	Extended Price	Unit price	Extended Price
1	18	\$ 994.00	\$ 17,892.00	\$ 559.00	\$ 10,062.00	No Bid	\$ -
2	10	\$ 583.00	\$ 5,830.00	\$ 1,064.00	\$ 10,640.00	No Bid	\$ -
3	3	No Bid	\$ -	\$ 16,872.00	\$ 50,616.00	No Bid	\$ -
4	1	No Bid	\$ -	\$ 20,218.00	\$ 20,218.00	No Bid	\$ -
5	20	No Bid	\$ -	\$ 343.00	\$ 6,860.00	\$ 370.31	\$ 7,406.20
6	18	No Bid	\$ -	\$ 343.00	\$ 6,174.00	\$ 370.31	\$ 6,665.58
7	2	No Bid	\$ -	\$ 516.00	\$ 1,032.00	No Bid	\$ -
8	8	No Bid	\$ -	\$ 1,300.00	\$ 10,400.00	No Bid	\$ -
9	50	No Bid	\$ -	\$ 2.62	\$ 131.00	\$ 8.38	\$ 419.00
10	40	No Bid	\$ -	\$ 25.50	\$ 1,020.00	\$ 35.44	\$ 1,417.60
11	48	No Bid	\$ -	\$ 36.00	\$ 1,728.00	\$ 13.44	\$ 645.12
12	8	\$ 85.00	\$ 680.00	\$ 79.00	\$ 632.00	\$ 79.29	\$ 634.32
13	8	\$ 60.00	\$ 480.00	\$ 57.00	\$ 456.00	\$ 60.61	\$ 484.88
14	8	\$ 37.00	\$ 296.00	\$ 35.00	\$ 280.00	\$ 41.93	\$ 335.44
15	10	\$ 26.00	\$ 260.00	\$ 24.00	\$ 240.00	\$ 30.71	\$ 307.10
16	8	\$ 66.00	\$ 528.00	\$ 66.00	\$ 528.00	\$ 68.44	\$ 547.52
17	8	\$ 49.00	\$ 392.00	\$ 49.00	\$ 392.00	\$ 54.28	\$ 434.24
18	10	\$ 33.00	\$ 330.00	\$ 32.00	\$ 320.00	\$ 40.13	\$ 401.30
19	10	\$ 23.00	\$ 230.00	\$ 22.00	\$ 220.00	\$ 31.64	\$ 316.40
20	6	No Bid	\$ -	\$ 1,424.00	\$ 8,544.00	No Bid	\$ -
21	10	No Bid	\$ -	\$ 75.00	\$ 750.00	No Bid	\$ -
22	2	No Bid	\$ -	\$ 94.00	\$ 188.00	No Bid	\$ -
23	6	\$ 128.00	\$ 768.00	\$ 145.00	\$ 870.00	No Bid	\$ -
24	9	No Bid	\$ -	\$ 297.00	\$ 2,673.00	No Bid	\$ -
25	4	\$ 455.00	\$ 1,820.00	\$ 532.00	\$ 2,128.00	No Bid	\$ -
26	2	\$ 909.00	\$ 1,818.00	\$ 1,597.00	\$ 3,194.00	No Bid	\$ -
27	4	No Bid	\$ -	\$ 668.00	\$ 2,672.00	No Bid	\$ -
Bid Price (excluding taxes)			\$10,476.00		\$ 121,736.00		\$ 645.12
HST 13%			\$ 1,361.88		\$ 15,825.68		\$ 83.87
Total Bid Price (including taxes)			\$ 11,837.88		\$ 137,561.68		\$ 728.99
Total Bid Price (including taxes 1.0176)			\$ 10,660.38		\$ 123,878.55		\$ 656.47



## STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner Community and Fire Services
Re:	175-T-15 Museum Site Drainage Improvement and Lighting Systems
Date:	July 31, 2015
Prepared by:	Lijing Xu, Senior Wastewater Hydraulic Engineer, Ext. 2967 Robert Brown, Senior Buyer, Ext. 2025

### PURPOSE

To obtain approval to award the contract for the Museum Drainage Improvement and Lighting Systems.

### RECOMMENDATION

Recommended Supplier	Tascan Corp. (Lowest Priced Supplier)	
Budget available for Construction	\$ 408,000.00	073-6150-15120-005, Museum Site Improvements
Less cost of award	\$ 285,851.47	Cost of Award
	\$ 28,585.15	Contingency (10%)
	\$ 314,436.62	Total Award Inclusive of HST
Budget Remaining	\$ 93,563.38	*

\*The remaining budget of \$93,563.38 will be returned to the original funding source.

### BACKGROUND

The museum site has been experiencing surface ponding problems during storms due to the deficiency of existing site drainage system. The current site lighting system is also insufficient for security and functional requirements. This construction will improve the museum site drainage and security/functional lighting system to meet the site servicing requirements.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 30, 2015
Number picking up document	15
Number responding to bid	3

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid Price (Incl. of HST)
<b>Tascan Corp</b>	<b>\$ 285,851.47</b>
DPSL Group Ltd.	\$ 305,488.10
Hawkins Contracting Services Limited	\$ 310,250.36

### ENVIRONMENTAL CONSIDERATIONS

LED lighting is proposed for external security lighting. Surplus materials will be disposed off site in an environmentally sustainable manner.



## STAFF AWARD REPORT

Page 1 of 2

To:	Phoebe Fu, Director, Asset Management
Re:	190 -Q-15 Minor Rehabilitation of Six (6) Structures at Various Locations (B030, C004, C008, C081, P003 & P004)
Date:	August 6, 2015
Prepared by:	Hossein Sharif, Senior Capital Engineer, Ext. 2382 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

To obtain approval to award the contract for the Minor Rehabilitation of Six (6) Structures At Various Locations:

- Bridge B030 – located at Green Lane (500m West of Leslie Street)
- Culvert C004 – located at Calvert Road (150m East of Woodbine Avenue)
- Culvert C008 – located at Green Lane (150m West of Leslie Street)
- Culvert C081 – located at The Bridle Walk (100m North of 16<sup>th</sup> Avenue)
- Pedestrian Bridge P003 – located at Toogood Pond (North of Pennock Crescent)
- Pedestrian Bridge P004 – located at Pomona Park (0.5km East of Yonge Street)

### RECOMMENDATION

Recommended Supplier	Hawkins Contracting Services Limited (Lowest Priced Supplier)	
Budget Available for items	\$ 91,500.00	Various accounts – refer to “Financial Considerations”
Less cost of award	\$ 82,063.33	Cost of Award (Incl. HST)
	\$ 8,206.33	Contingency (10%)
	\$ 90,269.66	Total Award Inclusive of HST
Budget Remaining after this award	\$ 1,230.34	*

\*The remaining budget of \$1230.34 will be returned to the original funding source.

### BACKGROUND

In meeting the legislative requirement of the Public Transportation and Highway Act- Regulation 104/97, the City implements an annual structures inspection program to identify the maintenance and rehabilitation needs to protect and prolong the life of existing structures. Since 2004, the City has undertaken regular inspection of structures. Based on a 2013/2014 detailed visual inspection by the City’s consultant, these six structures were recommended for minor rehabilitation work. The City’s Asset Management staff prepared the detail design drawings and specifications for the minor rehabilitation.

During construction, the roads will be open to traffic; flagging services will be implemented only during loading and unloading of materials.

The project will commence by third week of August and will be completed by mid November 2015.

### BID INFORMATION

Advertised	ETN
Bid closed on	July 30, 2015
Number picking up document	50
Number responding to bid	4

### PRICE SUMMARY

Suppliers	Price (Inclusive of HST)
<b>Hawkins Contracting Services Limited</b>	<b>\$82,063.33</b>
Vertical Horizons Contracting	\$101,895.95
Clearwater Structures Inc.	\$135,324.52
Dig-con International Ltd.	\$185,896.86

### FINANCIAL CONSIDERATIONS

The following table summarizes the financial details of this award:

Account Name	Structure IDs	Account No.	Total Budget	Budget Available for this award	This Award	Contingency (10%)	Balance after the award
Minor Structures Rehab Works	B030, C004, C008, C081, P004	058-6150-14279-005	\$52,900	\$52,900	\$52,900.00	\$0.00	\$0.00
Structures Rehabilitation (10 Structures)	P003	058-6150-13332-005	\$364,300	\$38,600	\$29,163.33	\$8,206.33	\$1,230.34
<b>Total</b>			<b>\$417,200</b>	<b>\$91,500</b>	<b>\$82,063.33</b>	<b>\$8,206.33</b>	<b>\$1,230.34</b>

### Notes:

- Award is inclusive of 1.76%
- The remaining budget of \$1230.34 will be returned to the original funding source.
- The 10% contingency amount is taken from #13332 for ease of budgeting.

### ENVIRONMENTAL CONDITIONS

The construction will require in-water work for P003 only and the work must adhere to fishing timing window between July 1<sup>st</sup> and September 15<sup>th</sup> of any given year as per TRCA's Regulations. To comply with the Migratory Birds Convention Act, vegetation removals should take place between August 1<sup>st</sup> and April 14<sup>th</sup> of any given year. Surplus materials will be disposed off site in an environmentally sustainable manner.



## STAFF AWARD REPORT

Page 1 of 2

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	117-Q-15 Washroom Renovations at Markham Village Arena
Date:	June 4, 2015
Prepared by:	Lorne DeHaas, Facility Coordinator, Ext. 3351 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award the contract for washroom renovations at Markham Village Arena.

### RECOMMENDATION

Recommended Supplier	ASN Inc. (2 <sup>nd</sup> Lowest Priced Supplier)	
Budget available	\$ 66,400.00	500-101-5399-15159
Less cost of award	\$ 42,995.57	Cost of Award (Inclusive of HST)
	\$ 10,060.85	Provisional Items
	\$ 5,305.64	10% Contingency
	\$ 58,362.06	Total Award (Inclusive of HST)
Budget Remaining after this award	\$ 8,037.94	*

\*Remaining balance in the amount of \$8,037.94 will be returned to the original funding source.

### BACKGROUND

The washrooms at Markham Village Arena are approximately 20 years old and coming due in life cycle. Staff has received several complaints about the deteriorating conditions (damaged countertops, outdated tiles). The contract includes renovation of both first floor washrooms which includes new ceramic tiles, fixtures, partitions, counter tops, sinks and accessibility improvements such as automatic door openers.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 27, 2015
Number picking up document	56
Number responding to bid	13

### PRICE SUMMARY (Inclusive of HST)

Suppliers	Bid price*	Provisional Items**	Total
Construction and Project Management	\$ 40,500.48	\$ 10,990.08	\$ 51,490.56***
<b>ASN Inc</b>	<b>\$ 42,995.57</b>	<b>\$ 10,060.85</b>	<b>\$ 53,056.42</b>
2231836 Ontario Limited o/a BB Building Solutions	\$ 43,248.00	\$ 14,449.92	\$ 57,697.92
P&C General Contracting	\$ 45,293.29	\$ 5,963.14	\$ 51,256.43
Hari Kaush Development Ltd.	\$ 55,527.20	\$ 10,481.28	\$ 66,008.48
AP Inc.	\$ 57,494.40	\$ 7,632.00	\$ 65,126.40
M.J.K. Construction Inc.	\$ 57,982.85	\$ 9,244.90	\$ 67,227.74
Dontex Construction Ltd.	\$ 58,507.93	\$ 11,081.66	\$ 69,589.59
Fresco Contractors Inc.	\$ 59,010.62	\$ 6,549.27	\$ 65,559.90
Canada Construction Ltd.	\$ 64,646.09	\$ 15,518.40	\$ 80,164.49
Portfolio Contracting Inc.	\$ 64,922.88	\$ 15,219.20	\$ 80,142.08
Joe Pace & Sons Cont Inc.	\$ 79,372.80	\$ 13,757.95	\$ 93,130.75
Pegah Construction Ltd.	\$ 106,033.92	\$ 13,228.80	\$ 119,262.72

\*Bid price (Bid opening) excluding provisional items.



**PRICE SUMMARY (Continued)**

\*\*Provisional items include additional costs to: 1) Supply and install three doors and door frames and reconnection of automatic openers and locks in both washrooms and 2) Supply and install tiles, basin and faucet in Maintenance room within men's washroom. These items were left out of Bid due to uncertainty of Bid prices the City would receive and Staff believes this is to be good value to include within this award.

\*\*\*Staff recommends not awarding the Contract to the lowest priced Bidder (Construction and Project Management Inc.) on the basis that reference checks did not satisfy the City's requirements.

Pursuant to Part II, Section 17.4 of the City of Markham's *General Terms and Conditions* (which form part of the tender document), the City reserves the right, in its sole discretion, not to award to the lowest priced Bidder, whose reference checks do not meet or exceed the expectations of the City.

Pursuant to Part II, 1.(5) of the City of Markham's *Purchasing By-Law*, the City reserves the right not to accept the lowest or any bid submitted, if such action is deemed to be in the best interests of the City.

Note: As per section 9.1 of the bid document, the evaluation of the Bid prices will be based on the Bid Price, therefore, the City is obligated to award the contract to the lowest priced bid price whose references are deemed acceptable. Since the provisional prices are higher for the recommended bidder, as allowed under the bid document, prior to award, Staff will negotiate these prices to align with the overall low price received.

**ENVIRONMENTAL CONSIDERATIONS**

While striving to upgrade the building's washrooms, we recognize that there will be materials that will be required to be demolished and disposed of. Through the procurement process we have required that all demolished materials be recycled/reused or disposed of, in an environmentally friendly manner. In addition to this we are also installing High Efficiency hand dryers that will eliminate the purchase of hand towels and the disposal of them. All plumbing fixtures will also be outfitted with the existing motion activated sensors that reduce water consumption.

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

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	290-R-13 Consulting Engineering Services for 2014 Culvert Rehabilitation – Contract Administration and Construction Inspection (Stage 3 works)
Date:	June 18, 2015
Prepared by:	Hossein Sharif, Senior Capital Engineer, ext. 2382 Tony Casale, Senior Construction Buyer, ext. 3190

**PURPOSE**

To obtain approval to award the contract for Contract Administration and Construction Inspection Services (Stage 3) for the rehabilitation of the following 9 Culverts:

1. (C012) Bullock Drive 1900m E/McCowan
2. (C015) Parkway Avenue 600m E/Main St Markham
3. (C024) Royal Orchard Blv 900m E/ Yonge Street
4. (C042) Main st Unionville 440mN/Hwy 7
5. (C045) Reesor Road 130m S/Major Mackenzie Dr
6. (C054) Elgin Mills 250m W/Reesor Road
7. (C058) 19th Avenue 800m W/Hwy 48
8. (C060) 19th Avenue 300m E/McCowan
9. (C067) Bullock Drive 550m E/McCowan

**RECOMMENDATION**

Recommended Supplier	G.D. Jewell Engineering Inc. (Highest Ranked/Lowest Priced Supplier)	
Budget Allocated for Consulting	\$ 44,224.00	058-6150-14277-005 Culverts Rehabilitation
Current Budget Available	\$ 41,919.84	
Less: Cost of Award for CA Works - Stage 3	\$ 49,862.40 \$ 4,986.24 \$ 54,848.64	Inclusive of HST Contingency (10%) Total Award inclusive of HST Impact
Budget Remaining after this Award	(\$ -12,928.80)	*

\*Shortfall of \$12,928.80 will be funded from the Non-DC Capital Contingency, project #6395. Non-DC Capital Contingency account balance is currently \$207,647.

**BACKGROUND**

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

**OPTIONS / DISCUSSIONS**

In 2013, Staff awarded Request for Proposal 290-R-13 to the highest ranked / lowest priced supplier for the structure rehabilitation works at the locations identified within the purpose section of 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 / Inspection (**THIS AWARD**)
- Staff awarded Stages 1 & 2 through the appropriate award authority in December 2013 & August 2014 to G.D. Jewell and at that time identified that Stage 3 works (contract administration and construction inspection services) would be awarded at the time of construction.

## FINANCIAL CONSIDERATIONS

The following table summarizes the financial details of this award:

Account Name	Account No.	Original Budget	Budget Allocated	Budget Available for this award	Cost of Award*	Budget Shortfall
Culverts Rehabilitation (9 Structures)	058-6150-14277-005	\$1,611,400	\$244,224	\$41,920	\$54,849	(\$12,929)

\* Award inclusive of 1.76% HST impact.

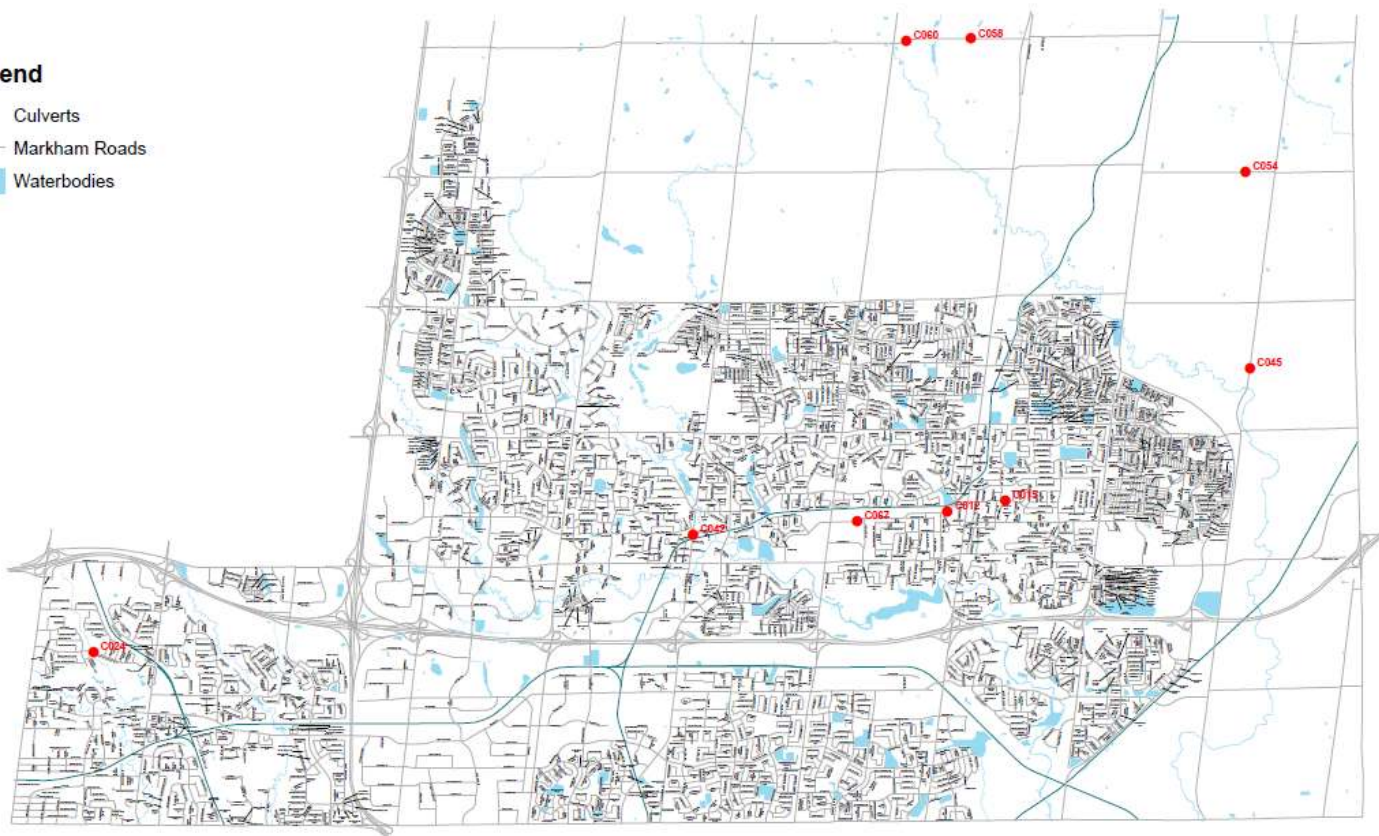
Shortfall of \$12,928.80 will be funded from the Non-DC Capital Contingency, project #6395. Non-DC Capital Contingency account balance is currently \$207,647.



## 2014 CULVERTS REHABILITATION WORKS - LOCATION MAP

### Legend

- Culverts
- Markham Roads
- Waterbodies



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

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	126-R-15 Consulting Engineering Services for Underground Streetlight Cable Replacement Program (2015) – Design
Date:	June 29, 2015
Prepared by:	Shipra Singh, Senior Asset Coordinator, Asset Management ext. 2747 Tony Casale, Senior Construction Buyer, ext. 3190

**PURPOSE**

To obtain approval to award the contract for Underground Streetlight Cable Replacement Design.

**RECOMMENDATION**

Recommended Supplier	IBI Group (Highest Ranked/Lowest Priced Supplier)	
Current Budget Available	\$ 135,000.00	058-6150-15279 -005 Streetlights Underground Cable Replacement/Repair
Less cost of award	\$ 89,198.75	Detailed Design Services
	\$ 8,919.87	Contingency @ 10%
	\$ 98,118.62	Total Cost of Award (Inclusive of HST)
Budget Remaining after award	\$ 36,881.38	*

\* The remaining budget of \$36,881.38 will be returned to the original funding source.

**BACKGROUND**

As the City's infrastructure ages, it is necessary replace the underground streetlight cables that are prone to frequent faults. The replacement of such cable sections will reduce the operational maintenance cost.

The 2013/2014 underground streetlight cable inspections identified deficient underground cables which are prone to frequent faults. This project will replace approximately 20 km of deficient underground streetlight cables and upgrade the cable connection components to the current standard. The replacement of deficient underground streetlight cable network is consistent with the City's strategy to upgrade the aged infrastructure to improve reliability and customer satisfaction.

<b>Cable Condition Inspection Program</b>		<b>Cable Replacement Program</b>	
<i>Inspection Year</i>	<i>Inspected Cable Length</i>	<i>Consultant's Recommended Replacement within 2 years</i>	<i>Cable Replacement Length</i>
2013	34 km	18 km (53%) – Cables older than 50 years old	<ul style="list-style-type: none"> <li>• 6 km replaced thru 2013 program (based on historic fault records)</li> <li>• 18 km thru 2014 program (in progress)</li> </ul>
2014	100 km	26 km (26%) - Cables older than 40 years old	<ul style="list-style-type: none"> <li>• 20 km will be completed thru 2015 program (this award)</li> <li>• Balance 6 km will be replaced thru 2016 program</li> </ul>
2015	120 km	Inspection in progress – to be completed by end of July 2015. Cables older than 40 years old	<ul style="list-style-type: none"> <li>• 20 km planned under 2016 program</li> <li>• 10 km under 2018 &amp; 10 km under 2020 program</li> </ul>

Under this award, the recommended consultant will undertake the following:

- Collect and review all background data including previous inspection results, reports, streetlight underground cable line diagram provided by the City.
- Obtain and collect any additional information not supplied by the City but required for the assignment and where required the consultant shall liaise with Power Stream, Region of York, City of Toronto (Steeles Ave East) and the Electrical Safety Authority (ESA) and obtain required approvals.
- Carry out underground utility locates survey.
- On completion of the underground utility locates survey, carry out topographic survey in order to complete the detailed design.
- Prepare Tender documents including specifications, special provisions and cost estimates.

**BACKGROUND (Continued)**

Upon satisfactory completion of detailed design stage and at the time of construction, the City will authorize the Consultant to proceed with Contract Administration and Construction Inspection work. This will be completed under a separate report as the number of weeks to complete the project is unknown at this time.

**BID INFORMATION**

Advertised	ETN (Electronic Tendering Network)
Bids closed on	June 11, 2015
Number picking up bid documents	10
Number responding to bid	5

**PROPOSAL EVALUATION**

The Evaluation Team was comprised of staff from the Asset Management Department and facilitated by staff from the Purchasing department. Due to the complexity of the project, staff wanted to ensure that suppliers had the necessary qualifications and experience to carry out the work and as such, the City released this RFP utilizing a two-stage, two-envelope system.

**Stage One (1) – Technical Evaluation:**

Under Stage 1 – Technical Evaluation (Envelope “A”), Suppliers were assessed against pre-determined criteria as outlined in the RFP; Experience/Past performance of the consulting firm 15%, Qualifications and experience of the project manager and team member 20% and Project delivery 35% totaling 70%. Suppliers that did not achieve a technical score of 52.5 points out of 70 would not proceed any further and their Envelope “B” – Price Evaluation would be returned unopened.

**Stage Two (2) – Price Evaluation:**

Under Stage 2 – Price Evaluation (Envelope “B”), Suppliers who met the mandatory requirements and achieved a total technical score of 52.5 points or greater out of 70 points were assessed out of 30 points based on their Bid Price exclusive of HST. The highest ranked supplier was determined by adding the points awarded under Stage 1 – Technical Evaluation and Stage 2 – Price Evaluation.

Suppliers	Technical Score (70 points)	Financial Score (30 points)**	Total Score (100 points)	Overall Ranking
<b>IBI Group</b>	<b>55.80</b>	<b>30.00</b>	<b>85.80</b>	<b>1</b>
LEA Consulting	52.90	27.48	80.38	2
METSCO Energy Solutions	53.75	11.40	65.15	3
SCS Consulting Group Ltd.	48.05	n/a*	48.05	4
Bold Engineering	45.25	n/a*	45.25	5

\* Suppliers did not achieve a technical score of 52.5 points out of 70 had their price submission returned unopened.

\*\* Financial score out of 30 included the total contract cost (Design and Contract Administration/Inspection)

Note: Bid Prices for Part “A” -Detailed design ranged from to \$89,198.75 to \$190,535.42 inclusive of HST.

**FINANCIAL CONSIDERATIONS**

Account Name	Account #	Budget Amount	Budget Available for this Item	This Award Design	Remaining Budget
Streetlight Pole – Underground Cable Replacement/Repair (2015)	58-6150-15279-005	\$2,503,700	\$135,000	\$98,119.62	\$36,881.38

\* The remaining budget of \$36,881.38 will be returned to the original funding source.

**ENVIRONMENTAL CONSIDERATIONS**

The consultant will oversee the construction contract and review, monitor and ensure compliance with contractor environmental submissions. Additionally, they will maintain environmental compliance records complying with environmental statutes and regulations.



## STAFF AWARD REPORT

Page 1 of 2

To:	Trinela Cane, Commissioner Corporate Services
Re:	092-Q-15 Grass Cutting and Maintenance Service for Cemeteries
Date:	May 26, 2015
Prepared by:	Carlie Turpin, Public Services and Records Coordinator, Ext. 2082 Flora Chan, Senior Buyer, Ext. 3189

### PURPOSE

To obtain approval to award contract for Grass Cutting and Maintenance Service for Cemeteries for ONE (1) year with an option to renew for an additional TWO (2) years on a year to year basis at same itemized prices.

### RECOMMENDATION

Recommended Supplier	Markham Property Services Ltd. (4 <sup>th</sup> Lowest Priced Supplier)	
Current Budget Available	\$ 38,385.00	a/c 210 219 5499
Less cost of award	\$ 27,315.79	Year 1 – 2015 (April 1 to Dec 31) includes HST impact
	\$ 27,315.79	Year 2 – 2016 (April 1 to Dec 31) includes HST impact*
	<u>\$ 27,315.79</u>	Year 3 – 2017 (April 1 to Dec 31) includes HST impact*
	\$ 81,947.38	Total Award
Budget Remaining after this award	\$ 11,069.21	(\$38,385.00 - \$27,315.79)**

\* Subject to Council approval of the 2016 and 2017 budget.

\*\*Remaining funds to remain in the account for any additional maintenance required.

### BACKGROUND

The City of Markham is responsible for the care and maintenance for nineteen cemeteries within Markham. To meet this obligation, the City hires an external contractor who is responsible for the maintenance. This maintenance includes the removal of leaves during the spring and fall, as well as the cutting of the grass from April until November. In the spring, before each grass mowing season commences on or about April 15, all leaves and litter are to be removed from each of the cemeteries. In the fall the contractor will collect all leaves from the cemetery properties twice. The contractor will provide written reports to the City detailing each leaf collection cycle. A cycle is defined as the period of time required to remove the leaves from all cemeteries. Throughout the months of April until November the contractor is responsible for cutting the grass in all City owned cemeteries. The number of cuts required for each cemetery is approximate and may be increased or decreased at the discretion of the City. Changes in climate are common during the summer and fall months necessitating changes to the number of cuts performed. The contractor will be required obtain approval from the City for the optional cuts in July, August and November.

### BID INFORMATION

Advertised	ETN
Bid closed on	April 8, 2015
Number picking up document	52
Number responding to bid	21

**PRICING SUMMARY**

<b>Suppliers</b>	<b>Bid Price with HST Impact</b>
EJS Property Services	\$ 5,698.56 *
Petru General Contracting Ltd.	\$ 14,380.57 **
TY-DE Turf Plus	\$ 25,800.03 ***
<b>Markham Property Services Ltd.</b>	<b>\$ 27,315.79 ****</b>
Vista Landscaping Ltd	\$ 27,704.16
Greenspace Landscaping	\$ 29,090.13
Viri Property Services	\$ 29,459.52
891511 Ontario Limited (Erin Mills Gardening & Landscaping)	\$ 29,982.26
Peter Young Ltd	\$ 30,909.60
GTA Grounds Care Ltd.	\$ 32,259.70
Beaver Window & Awning Cleaners	\$ 39,972.75
2323283 Ontario Ltd.	\$ 40,537.83
International Landscaping Ltd.	\$ 46,875.19
Clintar	\$ 54,136.32
1073836 Ontario Ltd. (R.S.D. Contracting)	\$ 55,103.04
Good Vibrations	\$ 55,982.25
Derrad Property Maintenance	\$ 58,817.28
1609806 Ontario Limited (Angelo's snow removal)	\$ 63,854.40
Mr. Lawnmower Landscaping Services	\$ 69,409.62
Crystal Lawn and Snow Removal Inc.	\$ 76,320.00
TNT Services Plus Inc.	\$ 120,463.49

**\*EJS Property Services (not recommended)**

After bid closing, Staff had a meeting with the lowest supplier to review their bid submission and vendor confirmed they did not fully understand the scope correctly and mis-priced the contract. Vendor requested to withdraw from bid process.

**\*\* Petru General Contracting Ltd. (not recommended)**

After bid closing, Staff had a meeting with the second lowest supplier to review bid submission and confirmed understanding of work before contract award. Staff awarded the contract on May 6<sup>th</sup>, however, after their initial cut at 5 of the 14 locations, the vendor resigned from contract and confirmed they have significantly mis-priced the contract.

**\*\*\* TY-DE Turf Plus (not recommended)**

After Petru General Contracting Ltd walked away from the contract, Staff contacted the third lowest supplier, however, the supplier no longer has capacity or resources to manage this contract. Vendor requested to withdraw from bid process.

**\*\*\*\* Markham Property Services Ltd. (RECOMMENDED)**

The fourth lowest supplier was the incumbent and managed this contract for the previous 3 years (2012-2014) under 017-Q-12 with a good performance record. Markham Property Services has accepted

Staff requested to perform one-time cut for all locations while award is in process to ensure affected locations are maintained in the meantime.

Compared to previous award (017-Q-12), the recommended award represents an overall decrease in the award by approximately 12% (\$3,814.22).

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

To:	Andy Taylor, Chief Administrative Officer
Re:	068-S-15 Supply and Delivery of Office Products, under Ontario Vendor of Record #OSS-00419472
Date:	May 29, 2015
Prepared by:	Flora Chan, Senior Buyer, Purchasing Ext. 3189

**PURPOSE**

To obtain approval to award the contract for Supply and Delivery of Office Products, through the Ontario Government – Ministry of Government Services Agreement for a period of two (2) years, with a one (1) optional year, subject to 2% price escalation for year 2 and optional year 3.

**RECOMMENDATION**

Recommended Supplier	Staples Advantage Canada (Non-Competitive Procurement)	
Current Budget Available	\$ 113,077.04	Various accounts
Less cost of award	\$ 103,522.03	August 13, 2015 to August 12, 2016 Estimate*
	\$ 105,592.47	August 13, 2016 to August 12, 2017 Estimate **
	<u>\$ 107,704.32</u>	August 13, 2017 to August 12, 2018 Estimate **
	\$ 316,818.81	Total Cost of Award

\*Office supplies are estimated based on the actual purchases made in January to December of 2014. The 2016 savings of 8.45% or \$8,747.61 will be reflected as part of the budget.

\*\*Subject to Council approval of the 2016 and 2017 operating budgets. Budget surplus in 2016 will be addressed through the budgeting process.

**Staff further recommends:**

That the City's Tender process be waived as the Ontario Provincial Government has undergone their own competitive process and in accordance with Purchasing By-Law 2004-341, Part II, Section 7 Non Competitive Procurement, item 1 (g) which states "Where it's in the City's best interest not to solicit a competitive bid";

**BACKGROUND**

The City is currently participating in a York Purchasing Cooperative ("YPC") contract for the Supply and Delivery of Office Products with Staples Advantage Canada. The contract will expire as of August 31, 2015, with no additional options available.

**OPTIONS /DISCUSSIONS**

Staff are aware that there is a limited number of suppliers who can provide this type of service. The two main players are Staples Advantage Canada and Office Depot/Office Max (Office Max purchased Grand & Toy in 1996 and in 2013, Office Depot merged with Office Max). On February 2015, Staples Advantage Canada (Staples) announced their agreement to acquire Office Depot, Staples and Office Depot will continue to operate as independent companies until the contract closes, which is expected to take place by the end of 2015.

Staff have undertaken further analysis of the existing office products co-operatives awarded by the Ontario Government ("OSS") and the Ontario Education Collaborative Marketplace ("OECM"), and taken into account, the possible outcome of issuing our own Request for Proposal ("RFP"). Staff recommend, in lieu of undertaking a competitive process for a new contract through YPC, that Markham piggyback onto one of the existing government agencies' contracts.



**CONTRACT COMPARISON**

	<b>Current Contract</b>	<b>Ontario Government ("OSS")</b>
Contract Start Date	1-Sep-10	13-Aug-14
Contract Term	3 years	2 years
Optional Years	2years	1 year
Contract End Date with All Options Accepted	31-Aug-2015	12-Aug-2018
% Savings if City of Markham was in alternate contract		8.45%
No. of Core* Items available	218	918
% Discount on Catalogue Items	58%	62%

Overall, the OSS contract offers better product selection, pricing, discounts, terms and conditions compared to the City's existing contract and the OECM contract. By utilizing the OSS contract, the City will achieve an immediate reduction of 8.45% (\$8,747.61) compared to our current contract pricing. Additionally, the City has opportunities for further cost savings of 10.13% by selecting or substituting lower cost product lines now available under the OSS contract for similar products.

**ENVIRONMENTAL CONSIDERATIONS**

Various environmental considerations have been incorporated into the OSS contract where the Staples Advantage Canada is expected to reduce the amount of redundant packaging material used for office products delivered to locations and institute other practices that will reduce the unnecessary consumption of resources, both renewable and non-renewable. This initiative can incorporate environmentally friendly products and Supplier activities in relation to working with suppliers throughout the supply chain. Staples Advantage Canada is expected to minimize waste through the re-use of components in its delivery model and warehousing operations. (e.g., returning of packaging materials and pallets to distributors/manufacturers, instead of disposal).

Staples Advantage Canada is expected to have mandatory recycling programs to recycle waste materials in its warehousing and back-office operations.

**FINANCIAL CONSIDERATION**

Prices under this contract are firm for the first year. On each anniversary date after first year, Staples Advantage Canada can request an increase to the core list of products up to 2% to be approved by the Ministry of Government Services. The CPI data is analyzed to determine how much of an increase will be approved.



### STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	260-T-13 Supply of Granular Materials - Contract Extension
Date:	August 28, 2015
Prepared by:	Max Stanford, Project Manager, Ext. 2710 Patti Malone, Senior Buyer, Ext. 2239

#### PURPOSE:

To obtain approval to award the contract for the supply of granular materials for overlay parking lot and bus loop at the Pan Am site.

#### RECOMMENDATION:

Recommended Supplier	Strada Aggregates Inc. (Non Competitive Procurement)	
Current budget available	\$ 70,519.68	500 101 5399 13856 Pan Am
Cost of award	\$ 64,108.80	cost of award (inclusive of HST)*
	\$ 6,410.88	10% contingency
	\$ 70,519.68	Total Award (inclusive of HST)
Budget Remaining after this award	\$ 0	

Note: As per the Pan Am funding agreement, the City of Markham has committed up to \$46.59M to the Pan Am facility. All Post Works are included as part of the overall funding agreement with TO2015.

The cost of award is based on 3,500 tonnes of granular material and this amount may increase or decrease as it's only an assumption at this time. Any increase which exceeds the contingency amount specified under this award will be in accordance with the Expenditure Control Policy.

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

#### BACKGROUND

This individual project is part of the Toronto 2015 overlay plan of which Markham has allowed the use of the adjacent lot. Markham has made a commitment to Toronto 2015 to pay for the 1st \$80,000 of the construction of this parking lot and bus loop. TO2015 has agreed to pay for any amount above \$80,000. Staff estimate that the parking lot and bus loop will cost approximately \$160,000. The City cost of \$80,000 will be paid out of the total cost agreement of \$46.59M.

Granular materials are required for the dressing of the overlay parking lot and bus loop, which will be constructed on a base of recycled concrete from the previous demolition of the Emerson building. In an effort to expedite, Staff recommends leveraging the City's current supplier for the supply and haulage of limestone material. The material requirement for this portion of the contract is limestone ¾" crushed and is intended to be delivered onsite for the successful grading contractor.

In November 2013, the City awarded the contract 260-T-13 to the lowest priced bidder (Strada Aggregates Inc.) for four years (2014-2017) to supply and deliver granular materials to the Works Yard at 555 Miller Avenue and/or to various locations throughout the City.

Under contract 260-T-13, Strada's unit pricing is 5% lower than the 2nd lowest priced bidder. Further Staff undertook negotiations for this award due to the volume required and was able to attain a further 6% reduction of the unit costs.

**Schedule:** The granular material is required on site during the month of May and the work is expected to be completed by June 1<sup>st</sup>.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	097-S-15 Planned Service for Siemens Building Automation Systems
Date:	May 22, 2015
Prepared by:	Michael Ryan, Senior Facility Engineer, Asset Management Ext. 2563 Flora Chan, Senior Buyer Ext. 3189

**PURPOSE**

To obtain approval to award the contract for planned service for Building Automation Systems (BAS) at the Civic Centre (Central Server), 8100 Warden, Markham Village Library, Armadale Community Centre, Varley Art Gallery, Museum Collections Building, and Fire Station 99 for THREE (3) years starting April 1, 2015 with a 2% price escalation for both year 2 & 3.

**RECOMMENDATION**

Recommended Supplier	Siemens Building Technologies Ltd. (Non Competitive Procurement)	
Current Budget Available	\$ 30,978.29	Various Operating accounts
Less cost of award	\$ 30,978.29	April 1, 2015 – December 31, 2015
	\$ 41,923.95	January 1, 2016 – December 31, 2016*
	\$ 42,762.42	January 1, 2017 – December 31, 2017*
	\$ 10,743.27	January 1, 2018 – March 31, 2018*
	\$ 126,407.93	Total Award
Budget Remaining after this award	\$ 0.00	

\*Subject to Council approval of the 2016-2018 Operating Budgets.

**Staff further recommends:**

THAT the City's Tender process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7, item 1 (b) which states "where there is only one source of supply for the goods to be purchased".

**BACKGROUND**

A Building Automation System (BAS) controls all Heating, Ventilation and Air Conditioning (HVAC) systems in a facility. The HVAC systems, controlled through a BAS are responsible for proper indoor climate and optimum energy usage.

Regular timely maintenance and software upgrades are required for a BAS system in a facility to ensure that all the building mechanical components are running smoothly. Without planned maintenance, the BAS may become out of tune and cause malfunction of mechanical systems, resulting in poor operational efficiencies, improper indoor environment and increased energy consumption.

The City of Markham has six facilities and a central BAS server provided by Siemens which require a service agreement with the provider. This service agreement will allow Siemens to perform required preventive maintenance on all of the BAS systems provided by them. Monthly maintenance and system checks will ensure that the mechanical and ventilation systems of the facilities run at peak efficiency. The contract includes regular inspection of all equipment points and programs to solve any errors or faults, equipment schedules, re-calibration of alarm and system set points, backup programming and controls check and recommendations on any required repairs.

The program will provide the following time for each year of the contract, 4 days for 8100 Warden, 4 days for Markham Village Library, 2 days for Armadale Community Centre, 6 days for Varley Art Gallery, 4 days for Markham Museum, 2 days for Fire Station 99, 0.5 days for the Markham Central Server - for a total of 22.5 days of visits per year. This contract is also for 8 days customer-directed support and 1 day of training. The total amount of time dedicated for this service will be 31.5 days a year.

**BACKGROUND (Continued)**

## Benefits:

- Lower energy consumption through more efficient equipment usage
- Lower maintenance costs through planned inspection, maintenance, and calibration services.
- Reduction in the costs and disruptions of downtime
- Planned and better controlled operating costs through maintaining a structured contract for services.
- Emergency service and replacement parts are not included within the scope of this agreement, but will be provided on a "time & material" basis at a discounted rate. The City will receive a discount of forty percent (40%) plus twenty percent (20%) off- list on standard catalogue pricing for product and receive a labour discount of 20% for engineering, 20% for specialist, and 5.5% for mechanic from Siemens quoted rates.

In 2009, Staff issued a tender to the market for this planned service contract with 24 bidders picking up the bid document, however, only 1 bidder submitted a bid (Siemens Building Technologies Ltd.). This was due to the proprietary nature of the computer software which the BAS units utilize, only the original system provider can maintain the equipment.

Additionally, in 2010 staff issued a tender to the market for the BAS upgrade at Armadale Community Centre which is included in the award for BAS planned service. In 2010, the City received 10 bid submissions for the BAS upgrade and Siemens Building Technologies Ltd. was the lowest priced bidder (70% lower than the 2<sup>nd</sup> bidder).

Staff also contacted other municipalities and received confirmation that they maintain their systems with the original system providers similar to Markham. Purchasing Staff negotiated price escalation in Year 2 and 3 from 3% to 2% per year.

Year 1 includes the same locations, pricing and hours of work as the previous contract with Siemens.

**FINANCIAL CONSIDERATIONS**

Account Name	Account #	Budget Available for this item	Allocation	Budget Remaining
8100 Warden Ave.	750-757-5310	\$ 4,121	\$ 4,121	\$ 0
Varley Art Gallery	540-540-5314	\$ 6,022	\$ 6,022	\$ 0
Markham Village Library	998-300-5410	\$ 4,121	\$ 4,121	\$ 0
Museum Collection Building	520-522-5414	\$ 5,495	\$ 5,495	\$ 0
Armadale Community Centre	502-971-5414	\$ 3,434	\$ 3,434	\$ 0
Fire Station 99	750-750-5463	\$ 1,832	\$ 1,832	\$ 0
Central Server at Civic Centre	750-751-5310	\$ 5,953	\$ 5,953	\$ 0
<b>TOTAL</b>		\$ 30,978	\$ 30,978	\$ 0

Year 1 of the Siemens contract is the same pricing, volume and locations as the previous contract. Therefore, the budget reflected the terms of the new contract.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	185-S-15 Install Manhole Seals
Date:	July 27, 2015
Prepared by:	John Lau, System Engineer, Ext. 2618 Patti Malone, Senior Buyer, Ext. 2239 Mike Brady, Supervisor Contract Administration, Ext. 2316

**PURPOSE**

To obtain approval to award the contract for the required labour and equipment to install manhole seals.

**RECOMMENDATION**

Recommended Supplier	Furfari Paving Co. Ltd. (Non Competitive Procurement)	
Current Budget Available	\$ 70,000.00	760-101-5399-15290 Manhole Sealing – Phase 1
Less cost of award	\$ 66,144.00	2015 inclusive of HST (Phase 1)
	\$ 66,144.00	2016 inclusive of HST (Phase 2) *
	\$ 132,288.00	Total Cost of Award inclusive of HST
Budget Remaining after this award	\$ 3,856.00	**(\$70,000 - \$66,144)

\* Subject to Council approval of Phase 2 budget for this project in 2016.

\*\*The remaining funds in the amount of \$3,856.00 will be returned to source.

**Staff further recommends:**

That the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 Non Competitive Procurement item 1 (c) which states “ when the extension of an existing contract would prove more cost-effective or beneficial;

**BACKGROUND**

Wastewater manholes have rings just below the manhole frame and cover that can adjust and move over time (initially they are cemented into place). This movement causes cracks and can permit water movement through those cracks. This project will place a tar-like material around these rings so when movement occurs, water is prevented from entering the sanitary sewer system through the manhole rings. This also limits movement of small particles that lead to asphalt cracking around manholes, resulting in water entering the wastewater collection system. The requirements for this material are now included in the City’s design standards for new construction works. For previously constructed Road works where the Roads Department is just reconstructing the paved surface through the Furfari resurfacing contract, the City should complete the necessary manhole seal repairs in areas where surface drainage is poor or where there is a high ground water table. The resurfacing work represents our lowest cost opportunity to undertake these repairs.

**OPTIONS/DISCUSSIONS**

The City entered into a multi-year contract (2013 – 2016), through a competitive bid process, with Furfari Paving Co. Ltd. (Furfari) in early 2013 and this item was not included in the original scope of work. Staff recommend utilizing Furfari’s hourly unit rate for skilled labour and equipment to complete this work in tandem with their road resurfacing contract. The City will procure the material directly from the supplier and provide it to Furfari, in order to minimize costs and ensure no added markup for material.

Staff is recommending including the manhole sealing work with the road resurfacing contract to achieve synergies from the perspective of reducing road closures and the impact on residents. Since Furfari is on site, they can complete the road resurfacing and manhole seals at the same time. Additionally, the manhole sealing work will be at the skilled labour rate of \$65/hour and it will include the equipment cost at no additional charge. This rate is very competitive in the industry as rates usually vary between \$65 to \$90/hour for this type of work. After the completion of the contract with Furfari in 2016, the scope of work for manhole seals will be added to the 2017 road resurfacing contract and for Phase 3 of this project.

**ENVIRONMENTAL CONSIDERATIONS**

The proposed sanitary manhole sealing work will minimize water and fines from entering into the sanitary sewer system through the manhole, helping to reduce the risk of waste water based basement flooding to the area residents.

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

To:	Brenda Librecz, Commissioner Community & Fire Services
Re:	038-Q-15 Thornhill Village Library Lighting Replacement and Upgrades
Date:	June 19, 2015
Prepared by:	Jason Vasilaki, Project Manager, Ext. 2845 Flora Chan, Senior Buyer, Purchasing Ext. 3189

**PURPOSE**

To obtain approval to award the contract for Lighting Replacement and Upgrades at the Thornhill Village Library.

**RECOMMENDATION**

Recommended Supplier	BEC Electric Inc. (Sole Bidder)	
Current Budget Available	\$ 72,130.00	750-101-5399-15259 (Library Facility improvements)
Less cost of award	\$ 51,297.22	Cost of Award (Inclusive of HST)
	\$ 2,544.00	Provisional Item*
	\$ 5,384.12	10% Contingency
	\$ 59,225.34	Total Award Inclusive of HST
Budget Remaining after this award	\$ 12,904.66	**

\* The Provisional item is to provide new power to existing conduit and junction boxes from high ceilings in the Children's Room and in the Large Reading Room. At the time of issue of the quotation, it is unknown if these junction boxes contain live power. If live power is confirmed, the Provisional item will not be required.

\*\*Budget remaining of \$12,904.66 to be returned to the original funding source.

**BACKGROUND**

The City issued a bid for replacement of lighting throughout the interior of Thornhill Village Library. The existing building is a designated heritage structure and located in a heritage neighbourhood. The interior, while not bound by heritage review, is sensitive to its heritage environment. The new lighting package utilizes energy efficient lighting technology wherever feasible, while also maintaining a sensitive design approach to all visible and decorative fixtures.

Interior lighting at Thornhill Village Library is due to be replaced in 2015 as part of the City's Life Cycle program. The Life Cycle Process systematically reviews work required, using industry standard guiding principles to set priorities for each year, allowing Markham to maintain service levels.

The project includes upgrading to the light levels and the addition of more lights. It is anticipated that the cost savings in operating associated with going to the LEDs will be offset by the additional lighting. Therefore, we'll achieve more lighting with no net difference in Operating budget.

**BID INFORMATION**

Advertised	ETN
Bid closed on	June 17, 2015
Number picking up document	43
Number responding to bid	1

Purchasing followed up with companies who picked up the document and attended the site meeting, however, did not submit a bid. The reasons for not submitting were as follows: They required numerous trades for this project (Electrical, Drywall and Paint) and could not find the required trades to quote in-time. No resources to quote to General Contractors and the project were too small for the amount of co-ordination of various trades involved. There were other larger bids to the market which they prioritized over this project. Limited profit margins due to procurement of lights were at a fixed cost from the lighting manufacturer.

**PRICE SUMMARY (including HST)**

<b>Supplier</b>	<b>Total (with HST)</b>
<b>BEC Electric Inc.</b>	<b>\$51,297.22</b>

Even with only receiving one bid, Staff still recommend awarding the contract based on the following:

- The sole bidder made significant inquiries on specific details of the job prior to bid closing and showed good efforts to understand the City's requirement on work schedule.
- References from sole bidder were positive
- The budget estimate was based on the price for lights which is known, plus the labour and additional material. The price received with contingency and provisional item is 18% lower than the consultants estimate.

Schedule: The project is to be completed by October 30, 2015.

**ENVIRONMENTAL CONSIDERATIONS**

Existing lighting is being replaced with LED lighting in this project. LEDs are extremely energy efficient and consume up to 40-70% less power than incandescent bulbs. Since LEDs use only a fraction of the energy of an incandescent light bulb there is a dramatic decrease in power costs. Also, money and energy is saved in maintenance and replacement costs due to the long LED lifespan.

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

To:	Biju Karumanchery, Acting Director Development Services
Re:	016-Q-15 Landscape Architectural Consulting Services for Box Grove Hill South East Parkette (Vettesse Court Park)
Date:	July 15, 2015
Prepared by:	Morteza Behrooz, Project Manager, Park Development Planning and Urban Design Ext.2120 Rosemarie Patano, Senior Construction Buyer Ext. 2990

**PURPOSE**

To obtain approval to award the contract for Landscape Architectural Consulting Services Landscape Architectural Consulting Services for Box Grove Hill South East Parkette (Vettesse Court Park)

**RECOMMENDATION**

Recommended Supplier	SerdiKa Consulting Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 70,021.68	081-5350-15029-005 Box Grove Hill South East Parkette-Design
Less cost of award	\$ 58,400.06	Total award (Inclusive of HST )
	\$ <u>5,840.01</u>	Contingency @ 10%
	\$ 64,240.07	Total Cost of Award
	\$ <u>5,781.61</u>	Internal Project management fee 9%
	\$ 70,021.68	Total project cost
Budget after this award	\$ 0.00	

**BACKGROUND**

Box Grove Hill South East Parkette is part of the Box Grove Community series of neighbourhood parks. The park is located at 81 Vettesse Court, north of the Box Grove By Pass and west of Donald Cousens Parkway. The park is bounded by a tributary of the Rouge River, Donald Cousens Parkway and the cul-de-sac of Vettesse Court. The park has an area of 0.48 hectares separated from the tributary by a 10 metre wide buffer block of about 0.15 hectares. There is an existing pedestrian bridge which links this park to the existing Kentview Park on Kentview Crescent.

The new park may include the following, subject to design refinement and community consultation:

- junior/senior playground
- shade structure
- water play
- mini-skate park
- open green space
- associated walkways, paved surfaces and site furnishings

Upon approval of the final design, the successful proponent will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services.

**BID INFORMATION**

Advertised	By Invitation
Bids closed on	July 08, 2015
Number picking up bid documents	10
Number responding to bid	4



**PRICE SUMMARY**

<b>Suppliers</b>	<b>Total (Inclusive of HST)</b>
<b>SerdiKa Consulting Inc.</b>	<b>\$ 58,400.06</b>
Baker Turner Inc.	\$ 61,056.20
Johnson Sustronk Weinstein + Associates	\$ 79,749.31
PMA Landscape Architects Ltd.	\$ 82,749.35

Landscape architectural services shall include typical full scope of services, with substantial performance of constructed works by August 2016.

**ENVIRONMENTAL CONSIDERATIONS**

The park design will be sympathetic to the adjacent tributary. The design will minimize the need for cut/fill earthworks. An Environmental Procedures specification will be included in the tender documents to address environmental sensitivities during construction.



## STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	063-T-15 Art Latcham Park – Construction
Date:	June 05, 2015
Prepared by:	Morteza Behrooz, Project Manager, Park Development, Ext. 5757 Rosemarie Patano, Senior Construction Buyer, Ext. 2990

### PURPOSE

To obtain approval to award the contract for the construction of the Art Latcham Park.

### RECOMMENDATION

Recommended Supplier	Orin Contractors Corp. (Lowest Priced Supplier)	
Current Budget Available	\$ 1,016,800.00	081-5350-15004-005
Less cost of award	\$ 738,522.52	Construction
	\$ 45,354.43	Provisional Items
	\$ 62,710.16	Contingency (8%)
	\$ 846,587.11	Total (Inclusive of HST)
	\$ 76,192.84	Internal Management Fee @ 9%
	\$ 922,779.95	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 94,020.05	*

\* Of the remaining balance, \$50,000.00 will be retained in the account to complete the walkway connections under a separate contract and \$44,020.05 will be returned to the original funding source.

### BACKGROUND

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

- Provide storm, water, and hydro service for the park from municipal roads or existing services;
- Site preparation and grading of site;
- Concrete and asphalt walkways;
- Planting and sodding;
- Custom architectural structure-pergola;
- Junior and Senior play apparatus;
- Lighting and electrical service;
- Granitic sand surfacing of play area;
- Site furnishings.

### BID INFORMATION

Advertised	ETN
Bid closed on	May 26, 2015
Number picking up document	31
Number responding to bid	12

**PRICE SUMMARY**

<b>Price Summary (Inclusive of HST)</b>	<b>Bid Price*</b>	<b>Provisional Items</b>	<b>Total</b>
<b>Orin Contractors Corp.</b>	<b>\$ 738,522.52</b>	<b>\$ 45,354.43</b>	<b>\$ 783,876.95</b>
Hawkins Contracting Services	\$ 772,042.79	\$ 48,132.48	\$ 820,175.27
Melfer Construction Inc.	\$ 791,950.25	\$ 52,436.93	\$ 844,387.18
Garden Grove Landscaping Inc.	\$ 796,112.48	\$ 48,113.33	\$ 844,225.81
Rutherford Contracting Ltd.	\$ 826,314.75	\$ 49,794.18	\$ 876,108.93
Latitude 67 Ltd.	\$ 836,443.29	\$ 46,817.74	\$ 883,261.03
Mopal Construction Ltd.	\$ 847,182.53	\$ 31,572.06	\$ 878,754.59
Gateman-Millooy Inc.	\$ 863,378.19	\$ 44,495.78	\$ 907,873.97
MTM Landscaping Contractor	\$ 883,396.37	\$ 68,169.02	\$ 951,565.39
Forest Ridge Landscaping	\$ 993,555.27	\$ 55,906.56	\$ 1,049,461.83
Royal Crest Paving	\$ 1,003,576.45	\$ 52,734.07	\$ 1,056,310.52

\*The Bid Price (Bid opening) excluding provisional items.

Note: The provisional items include the following:

- i. The additional cost to supply and install of concrete paving in lieu of asphalt paving ( i.e. the price difference to change from asphalt paving to concrete paving). Concrete paving has a longer life cycle and does not present crocodile cracking over time on the surface or edges.
- ii. The additional cost to supply and install Thermory Ash (i.e the price difference to change from Western Red Cedar to Thermory Ash. Thermory Ash has longer life cycle compared to cedar. It is more sustainable in the sense that it is made from renewable raw materials, under a chemical-free thermal modification process.

These items were left out of tender due to uncertainty of tender prices the City would receive and Staff believes this to be good value to include within this award.

The project is expected to be completed by December 2015 and the Operations Department have been consulted during the process.

**ENVIRONMENTAL CONSIDERATIONS**

Included Specification Section-013543 in the contract documents for Environmental Procedures in order to meet or exceed the most stringent requirements of:

- Environmental Protection Plans (EPPs),
- Applicable Acts, regulations, standards, codes and referenced documents,
- Management and Disposal of Waste OPPS 180
- 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 locally harvested



## STAFF AWARD REPORT

Page 1 of 2

To:	Biju Karumanchery, Acting Director Development Services
Re:	154-Q-15 Landscape Architectural Consulting Services Morgan Park
Date:	August 17, 2015
Prepared by:	Morteza Behrooz, Project Manager, Park Development Planning and Urban DesignExt.2120 Rosemarie Patano, Senior Construction Buyer Ext. 2990

### PURPOSE

To obtain approval to award the contract for Landscape Architectural Consulting Services Landscape Architectural Consulting Services for Morgan Park

### RECOMMENDATION

Recommended Supplier	Fleisher Ridout Partnership Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 102,000.00	081-5350-15034-005 Morgan Park - Design
Less cost of award	\$ 70,723.20	Total award (Inclusive of HST )
	\$ 7,072.32	Contingency @ 10%
	\$ 77,795.52	Total Cost of Award
	\$ 7,072.32	Internal Project management fee 9%
	\$ 84,797.12	Total project cost
Budget after this award	\$ 17,202.88	*

\*Remaining budget of \$17,202.88 will be returned to the original funding source.

### BACKGROUND

Morgan Park is located at the intersection of George St. and Parkway Avenue. It is Markham's oldest official. A master plan for the park was prepared in 1987 but was not implemented. Some of the existing program elements of the approximately 1.9 hectare park are: outdoor swimming pool, tennis courts and baseball diamond. This park currently serves the users of both the neighbourhood and the broader community.

The Morgan Park Revitalization Working Group (MPRWG) was established in June 2011 to assist City staff with this new master planning exercise by providing a community perspective on the future use and revitalization of Morgan Park in order to ensure that it meets community and recreational needs, now and into the future. The Working Group has provided advice and input on the community engagement process and in the development of master plan concepts and assessing the needs of the stakeholders. A park master plan has been prepared by the Landplan Collaborative Ltd. Landscape Architects, which has been presented to Council in June 2014 and approved in principle. Council directed staff to conduct a public information meeting to present the master plan and project timelines, and to hire a consultant to proceed with the design development process.

A public information meeting will be held as a starting point of the design development process. The master plan will be presented to the public to confirm the decisions made thus far as to finalize the park facilities and programs. It is important that the ultimate park plan recognizes the historical significance of Morgan Park in the context of the Old Village of Markham and the local Business Improvement Area (BIA).

Upon approval of the final design, the successful proponent will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services.

### BID INFORMATION

Advertised	By Invitation
Bids closed on	July 28, 2015
Number picking up bid documents	9
Number responding to bid	5



**PRICE SUMMARY**

<b>Suppliers</b>	<b>Total (Inclusive of HST)</b>
<b>Fleisher Ridout Partnership Inc.</b>	<b>\$ 70,723.20</b>
Baker Turner Inc.	\$ 75,862.08
JSW & Associates	\$ 78,294.14
PMA Landscape Architects Ltd.	\$ 81,916.80
Vertechs Design Inc.	\$ 98,707.20

Landscape architectural services shall include typical full scope of services, with substantial performance of constructed works by August 2016.

**ENVIRONMENTAL CONSIDERATIONS**

Maximizing new tree plantings to support design, minimize removal of existing trees, minimize light pollution, balanced cut and fill of earthwork.



## STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner, Development Services
Re:	174-T-15 Water, Sanitary and Storm Sewer Connections at Various Locations
Date:	July 14, 2015
Prepared by:	Eugene Chen, Capital Works Engineer, Ext. 2451 Patti Malone, Senior Buyer, Ext. 2239

### PURPOSE

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

### RECOMMENDATION

Recommended Supplier (s)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier - 4 locations) VM DiMonte Construction Limited (Lowest Priced Supplier - 8 locations) FDM Contracting Co. Ltd (Lowest Priced Supplier - 6 locations)	
Less Cost of Award	\$ 277,450.00	Cost of award (Excl. of HST )*
	\$ 36,068.50	HST (13%) **
	\$ 313,518.50	Total Cost of Award

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

\*\*the City will be collecting the tendered cost and the 13% HST from the home owners for the service connections. The City will then remit the full 13% HST to CRA. The City can claim 100% of the HST paid to the vendor for the services rendered. There is therefore no tax impact to the City.

### BACKGROUND

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

- 45 Morgan Ave. – Water, sanitary and storm sewer connections
- 10 St. Andres Court – Water connections
- 59 Meadowview Ave. – Water, sanitary and storm sewer connections
- 95 Grandview Ave. - Water connections
- 63 Meadowview Ave. – Water, sanitary and storm sewer connections
- 4 Strathroy Cres. – Water and sanitary sewer connections
- 28 Elm St. - Water and sanitary sewer connections
- 4 Ovida Blvd. – Water and sanitary sewer connections
- 3/5 Worsley Court - Water, sanitary and storm sewer connections
- 34 Alanadale Ave. - Water, sanitary and storm sewer connections
- 32 Proctor St. - Water, sanitary and storm sewer connections
- 68 Noble St. - Water, sanitary and storm sewer connections
- 16 Lee Ave. – Water, sanitary and storm sewer connections
- 31 Elgin St. – Water, sanitary and storm sewer connections
- 36 Honeybourne - Water and sanitary sewer connections
- 3 Franklin St. - Water and sanitary sewer connections
- 95 Babcombe Dr. – Water connections
- 27 Elm St. - Water, sanitary and storm sewer connections

### BID INFORMATION

Advertised	Electronic Tendering Network (ETN)
Bids closed on	July 9, 2015
Number picking up bid documents	9

Number responding to bid	4
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**PRICE SUMMARY (Exclusive of HST)**

	<b>FDM Contracting Co. Ltd.</b>	<b>V.M. DiMonte Construction Limited</b>	<b>NJS Water Worx Group Ltd.</b>	<b>Vertical Horizons Contracting</b>
<b>Description</b>	<b>Bid Price</b>	<b>Bid Price</b>	<b>Bid Price</b>	<b>Bid Price</b>
45 Morgan Ave(Sanitary/Storm/Water)	\$27,700.00	\$20,850.00	<b>\$18,950.00</b>	\$232,282.00
10 St. Andres Court (Water)	\$5,300.00	<b>\$3,850.00</b>	\$6,050.00	\$53,075.00
59 Meadowview Ave (Sanitary/Storm/Water)	\$19,200.00	<b>\$16,800.00</b>	\$18,050.00	\$207,221.00
95 Grandview Ave (Water)	<b>\$6,100.00</b>	\$7,450.00	\$7,300.00	\$100,415.00
63 Meadowview Ave (Sanitary/Storm/Water)	\$19,200.00	<b>\$16,800.00</b>	\$18,050.00	\$197,058.00
4 Strathroy Cres (Sanitary/Water)	\$13,700.00	\$12,900.00	<b>\$11,950.00</b>	\$120,952.00
28 Elm St (Sanitary/Water)	<b>\$13,650.00</b>	\$14,500.00	\$15,900.00	\$120,878.00
4 Ovida Blvd (Sanitary/Water)	\$14,400.00	<b>\$11,300.00</b>	\$14,250.00	\$116,948.00
3/5 Worsley Court (Sanitary/Storm/Water) for both	\$37,400.00	\$39,600.00	<b>\$35,250.00</b>	\$475,685.00
34 Alanadale Ave (Sanitary/Storm/Water)	<b>\$8,000.00</b>	\$21,350.00	\$22,950.00	\$239,659.00
32 Proctor St. (Sanitary/Storm/Water)	\$90,200.00	<b>\$26,550.00</b>	\$47,700.00	\$349,183.00
68 Noble St (Sanitary/Storm/Water)	\$38,150.00	<b>\$15,000.00</b>	\$21,700.00	\$232,669.00
16 Lee Ave (Sanitary/Storm/Water)	<b>\$20,700.00</b>	\$168,000.00	\$21,050.00	\$228,709.00
31 Elgin St (Sanitary/Storm/Water)	\$108,200.00	\$26,350.00	<b>\$26,150.00</b>	\$439,516.00
36 Honeybourne (Sanitary/Water)	<b>\$11,900.00</b>	\$14,500.00	\$12,950.00	\$116,635.00
3 Franklin St. (Sanitary/ Water)	<b>\$12,050.00</b>	\$14,500.00	\$15,200.00	\$97,742.00
95 Babcombe Dr. (Water)	\$4,950.00	<b>\$3,400.00</b>	\$4,750.00	\$47,280.00
27 Elm Street (Sanitary/Storm/Water)	\$19,300.00	<b>\$19,050.00</b>	\$21,800.00	\$257,418.00

**ENVIRONMENTAL CONSIDERATIONS**

Not applicable



## STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	047-R-15 Schedule "B" Class Environmental Assessment Markham Road Sanitary Sewer & Fairtree Sewage Pumping Station and Forcemain Improvements
Date:	July 7, 2015
Prepared by:	Binu Korah, Senior Manager, Development Engineering & Transportation Ext: 2849 Tony Casale, Senior Construction Buyer Ext: 3190

### PURPOSE

To obtain approval to award the contract for consulting services for a schedule "B" Class Environmental Assessment for the Markham Road Sanitary Sewer & Fairtree Sewage Pumping Station and Forcemain Improvements.

### RECOMMENDATION

Recommended Supplier	GM BluePlan Engineering Limited(Highest Ranked/ Lowest Priced Supplier)	
Current Budget Available	\$ 0.00	640-101-5399-14477 Class EA Study-Pumping Stations
Less cost of award	\$ 314,509.63	Award (Inclusive of HST)
	\$ 31,450.96	Contingency (10%)
	\$ 345,960.59	Total (Inclusive of HST)
	\$ 10,000.00	Administration Cost (advertising, printing, facility booking etc)
	\$ 41,515.27	Internal Management Fee @ 12%
	\$ 397,475.86	Total Project Cost (Inclusive of HST)
Budget remaining after this award*	\$ 0.00	*

\* This project is fully funded by the benefiting Developers and the issuance of a purchase order is contingent upon receipt of payment from Developers. The project will not proceed until receipt of payment from Developers.

### BACKGROUND

In accordance with the recommendation of the September 16, 2014 Development Service Committee report, staff issued a Request for proposal for a Capacity Analysis and Municipal Class Environmental Assessment (EA) for Fairtree Sanitary Pumping Station (SPS) and Markham Road Sanitary Sewer. The project will be fully funded from benefiting developers and will be managed by the Engineering Department.

#### Fairtree Sewage Pumping Station (SPS)

The Fairtree SPS is located at 6300 Steeles Avenue East, north of Steeles and east of Highway 48/ Markham Road in the City of Markham. The station was originally built in 2001/2002 to accommodate development within the Village of Fairtree Subdivision. The City has received several development plans within the Village of Fairtree Subdivision. This trend is expected to continue as the area is being intensified. Two major development areas are identified within the proposed SPS catchment area i.e., Forest Bay Homes Ltd -East Village and Remington Lands. The Forest Bay Homes Ltd -East Village applications for Secondary Plan Amendment, Draft plan of Subdivision Approval and Zoning By-Law Amendment was approved by the Ontario Municipal Board. In order to facilitate the approved and future developments within this pumping station catchment area, the City is planning to initiate a Capacity Analysis and Class EA for the Fairtree SPS and Markham Road Sanitary Sewer.

#### Markham Road Sanitary Sewer (900mm)

Markham Road sanitary sewer catchment area consists of 1,027 hectares of land, most of which is already developed. There are several redevelopment applications currently being processed or are expected to be received within this catchment area i.e., Forest Bay Homes Ltd -East Village and Remington Lands. In order to accommodate these developments, the City needs to review the capacity of the receiving sanitary sewer along Markham Road and identify various alternatives and infrastructure upgrades to address any capacity issues.

### **BACKGROUND (Continued)**

The scope of work for this project is divided into two parts; Part “A” consists of a detailed capacity analysis of the existing sanitary sewer infrastructure including the Fairtree SPS and Markham Road Sanitary Sewer. Further, it will also examine the future capacity requirements to support the development within this catchment area in accordance with the City of Markham Official Plan.

Part “B” of the project will be a Municipal Class EA for the upgrade of the Markham Road Sanitary Sewer (if required), Fairtree SPS and related infrastructure. The scope of work for Part “B” will only proceed upon the approval from City of Markham.

#### Project Schedule:

- Anticipated commence date: June/July 2015
- Anticipated completion date for Part “A” : January 2016
- Anticipated completion date for Part “B” : November 2016

### **BID INFORMATION**

Advertised	ETN (Electronic Tendering Network)
Bids closed on	May 14, 2015
Number picking up bid document	11
Number responding to bid	3

### **PROPOSAL EVALUATION**

The Evaluation Team was comprised of staff from the Engineering, Waterworks and Asset Management departments and facilitated by staff from the Purchasing department. 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, two-envelope system.

#### **Stage One (1) – Technical Evaluation:**

Under Stage 1 – Technical Evaluation (Envelope ‘A’), Bidders were assessed against pre-determined criteria as outlined in the RFP; qualifications and experience of the consulting firm 20%, qualifications and experience of the project manager and team member 20% and project methodology, schedule and work plan 30% totaling 70%. Bidders that did not achieve a technical score of 52.5 points out of 70 would not proceed any further and their Envelope B – Price Evaluation would be returned unopened.

#### **Stage Two (2) – Price Evaluation:**

Under Stage 2 – Price Evaluation (Envelope ‘B’), Bidders which met the mandatory requirements and achieved a total technical score of 52.5 points or greater out of 70 points were assessed out of 30 points based on their Bid Price exclusive of HST. The highest ranked bidder was determined by adding the points awarded under Stage 1 – Technical Evaluation and Stage 2 – Price Evaluation.

<b>Suppliers</b>	<b>Stage 1 Technical (70 points)</b>	<b>Stage 2 Price (30 points)</b>	<b>Total Score (100 points)</b>	<b>Overall Ranking</b>
<b>GM BluePlan Engineering Limited</b>	<b>65.00</b>	<b>30.00</b>	<b>95.00</b>	<b>1</b>
R.J. Burnside & Associates Limited	59.00	29.47	88.47	2
The Municipal Infrastructure Group Ltd.	59.00	26.36	85.36	3

Price submissions ranged from \$314,509.63 to \$352,664.54 (Inclusive of HST).

The bids have been verified for accuracy and compliance with the Request for Proposal terms and conditions. GM BluePlan Engineering provided the highest combined technical and price marks and is recommended to be the successful bidder.

**PROPOSAL EVALUATION (Continued)**

They provide an experienced team, personnel and a proposal which demonstrates their understanding of the project's required deliverables. Their proposal demonstrates very good project understanding, servicing opportunities & constraints, methodology and approach to meet study objectives. In addition to their comprehensive understanding of the key projects elements, key projects outcomes and objectives, their proposal identifies appropriate value added to each part of the study. Additionally, the price received was lowest amongst all bidders.

**ENVIRONMENTAL CONSIDERATIONS**

Not Applicable



## STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	056-R-15 Landscape Architectural Consulting Services for Cornell Community Park
Date:	June 10, 2015
Prepared by:	Linda Irvine, Manager Parks and Open Space Development, Ext.2120 Rosemarie Patano, Senior Construction Buyer Ext. 2990

### PURPOSE

To obtain approval to award the contract for Master Planning, Design Development, Working Drawings and Contract Administration Services for Cornell Community Park

### RECOMMENDATION

Recommended Supplier	Schollen & Company Inc (Highest Ranked /Lowest Priced Supplier)	
Current Budget Available	\$ 495,000.00	081-5350-15002-005 Cornell Community Park – Design
Less cost of award	\$ 295,228.15	Total award (Inclusive of HST )
	\$ 29,522.81	Contingency @ 10%
	\$ 324,750.96	Total Cost of Award
	\$ 29,227.59	Internal Project management fee 9%
	\$ 353,978.55	Total project cost
Budget after this award	\$ 141,021.45	*

\* Remaining budget of \$80,000 is required for additional public consultation requirements. The remaining budget of \$61,021.45 is to be returned to the original funding source.

### BACKGROUND

Cornell Community Park will be the largest of the parks in the Cornell Community in Markham. The park fronts on Cornell Centre Boulevard.

The new park shall cater to the community and will include the following proposed program elements, subject to facility fit, design refinement and community consultation:

Proposed Program Elements	
Major Diamond (Lit) (2)	Major Soccer/Football Field (Lit)
Major Gazebo/Pavilion Shelter and with washrooms	Minor Gazebo Shelter (s)
Minor Soccer Fields (2) (Unlit)	Mini Skate Park
Tennis Courts (4) (Lit)	Plaza and associated pathways
Multi-play Courts/Basketball (2)	Seasonal Ice Skating Rink
Junior & Senior Playgrounds	Waterplay Area
Maintenance Building*	Parking

\*NOTE: the architectural design of the Maintenance Building is excluded from this scope of work.

Upon approval of the final design, the successful proponent will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services.

**BACKGROUND (Continued)**

The work will include that all functional aspects of the community park are addressed in a comprehensive master plan, including parking. This includes the preparation of master plan concepts to the satisfaction of the City, public meetings and meetings with City staff. Two design concepts will be presented at a public meeting whereby feedback from the public meeting shall be collected and reviewed for the final design of this park. A second public meeting will take place once a final design has been completed.

**BID INFORMATION**

Advertised	ETN
Bids closed on	March 19, 2015
Number picking up bid documents	41
Number responding to bid	10

**Evaluation of Proposals**

The RFP was released with a three-stage evaluation approach whereby Suppliers were required to submit a technical proposal in envelope 1 and a price proposal in envelope 2. 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 the Planning & Urban Design and Building Departments, Recreations and the Consultant, with purchasing staff acting as the facilitator.

Evaluation of Stage 1 – Technical Proposal (Envelope 1)

The Stage 1 Technical Proposals were evaluated against the pre-established evaluation criteria as outlined in the RFP: 20 points for Experience and Qualification of the Bidder and Staffing; 30 points for Project Understanding, Methodology and Approach; and, 20 points for Project Delivery and Management. Bidders, who scored a minimum of 75%, or 52.5 points out of 70, continued on to Stage 2 – Price Proposal (Envelope 2). The results of the Stage 1 evaluation are outlined below:

<b>Suppliers</b>	<b>Score (out of 70)</b>	<b>Rank Results</b>
<b>Land Design Incorporated</b>	<b>60.85</b>	<b>1</b>
<b>Schollen &amp; Company Inc.</b>	<b>58.65</b>	<b>2</b>
<b>Dillon Consulting Limited</b>	<b>57.75</b>	<b>3</b>
<b>The Planning Partnership</b>	<b>53.05</b>	<b>4</b>
The MBTW Group	48.20	5
PMA Landscape Architects Ltd.	45.50	6
Cosburn Giberson Landscape	40.95	7
JSW & Associates	36.20	8
NAK Design Strategies	34.10	9

Evaluation of Stage 2 – Price Proposal (Envelope 2)

Based on the Stage 1 evaluation, four (4) Suppliers received a score of a minimum of 75% or 52.5 points out of 70 and therefore, proceeded to Stage 2 - Price Proposal (Envelope 2). The sealed price proposal envelope (envelope 2) provided by the supplier was opened and evaluated (exclusive of HST) out of 30 points, based on the criteria outlined in the RFP.

<b>Suppliers</b>	<b>Price Proposal Score (out of 30)</b>	<b>Technical Proposal Score (out of 70)</b>	<b>Combined Overall Score Stage 1 &amp; 2 Score (out of 100)</b>
<b>Schollen &amp; Company Inc.</b>	<b>30.00</b>	<b>58.65</b>	<b>88.65</b>
Dillon Consulting Limited	21.77	<b>57.75</b>	<b>79.52</b>
Land Design Incorporated	15.19	<b>60.85</b>	<b>76.04</b>
The Planning Partnership	19.79	<b>53.05</b>	<b>72.84</b>

Prices ranged from \$295,228.15 to \$440,943.28 inclusive of HST

**Evaluation of Proposals (Continued)**Evaluation of Stage 3 – Presentation Assessment

To ensure the highest ranked bidders understood our requirements, Staff invited the three (3) of the highest ranked vendors to a Presentation Assessment as allowed for in the bid document. The Planning Partnership was not shortlisted for presentation as staff agreed that by having the lowest technical score out of 70 and by taking into consideration their combined score delta with the fourth highest ranked supplier, an invitation to present would not be a productive use of their staff resources. In fact, a perfect score at this stage would not have resulted in significant change of the combined scores needed to determine the overall highest ranked supplier.

<b>Suppliers</b>	<b>Presentation Score (out of 10)</b>	<b>Combined Overall Stage 1, 2 &amp; 3 Score (out of 110)</b>
<b>Schollen &amp; Company Inc.</b>	<b>8</b>	<b>96.65</b>
Dillon Consulting Limited	7	86.52
Land Design Incorporated	7	83.04

The scores from the Stage 1, Stage 2 and Stage 3 evaluations were combined to formulate final overall scoring, as summarized below:

Schollen & Company Inc. (“Schollen”) is the recommended supplier. The Schollen proposal demonstrated a thorough understanding of the Project and its requirements, including a strong understanding of the required project tasks and deliverables, as well as, key issues and challenges. Through the evaluation process and interview, Schollen demonstrated a depth of experience and expertise as it specifically relates to: the ability to undertake and deliver a park design that will respond to the City’s goal for a sustainable, accessible and future-oriented facility; and employ public consultation expertise.

In addition, the Schollen proposal demonstrated, based on the team’s depth of experience and expertise on projects of similar scope and scale, the ability to successfully undertake the Project while meeting key milestones and timelines.

**ENVIRONMENTAL CONSIDERATIONS**

The park design will incorporate leading edge design innovation and ecological sustainability for a new community park project.

**FINANCIAL CONSIDERATIONS**

<b>Account Name</b>	<b>Account Number</b>	<b>Budget Amount</b>	<b>Budget Available for this item</b>	<b>Total Cost of Award</b>	<b>Internal PM (9%)</b>	<b>Budget Remaining</b>
Cornell Community Park - Design	081-5350-15002-005	\$996,800.00	\$495,000.00	\$324,750.97	\$29,227.59	\$141,021.45

\* Remaining budget of \$80,000 is required for additional public consultation requirements. LURA Consulting has identified additional public consultation services that would be appropriate and beneficial to the success of the project. LURA identified a ‘toolbox’ of options for the City to discuss and choose from. The remaining budget of \$61,021.45 is to be returned to the original funding source.



## STAFF AWARD REPORT

Page 1 of 3

To:	Andy Taylor, Chief Administrative Officer
Re:	153-S-15 Landscape Architectural Consulting Services for Rehabilitation of Veterans Square and Markham Cenotaph (Phase 1 of 3)
Date:	July 21, 2015
Prepared by:	Linda Irvine, Manager, Parks and Urban Space Development, ext. 2120 Rosemarie Patano, Senior Construction Buyer, ext. 2990

### PURPOSE

To obtain approval to award the contract for Landscape Architectural Consulting Services for Landscape Architectural Consulting Services for Rehabilitation of Veterans Square and Markham Cenotaph (Phase 1 of 3)

### RECOMMENDATION

Recommended Supplier	Vertechs Design Landscape Architect (Non Competitive Procurement)	
Current Budget Available	\$ 245,846.67	081-5350-15033-005 Markham Village Library Square – Design (Phase 1, 2 and 3)
Less cost of award	\$ 76,243.68	Total award (Inclusive of HST )
	\$ 7,624.37	Contingency @ 10%
	\$ 83,868.05	Total Cost of Award
	\$ 7,548.12	Internal Project management fee 9%
	\$ 91,416.17	Total project cost
Budget Remaining after this award	\$ 154,430.50	*

\*The remaining balance of \$154,430.50 is being retained for all hires as related to Phases 1, 2 and 3 and to also provide a source of funds to hire any specialty consultants that may be required on this project (e.g. structural, electrical, architect, etc) as budgeted for in this account. These hires will be through separate competitive processes.

Note: Under this award, staff is requesting approval for Phase 1 of 3 only, over the upcoming years the project has additional components and phases (2 & 3) to be completed per the master plan. At that time, staff will seek to negotiate with Vertechs Design Landscape Architect and receive the appropriate approval authorities to award Phase 2 & 3, if the performance is satisfactory under this award and if they maintain their competitive pricing structure.

### Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2004-341, Part II, Section 7 Non Competitive Procurement, item 1 (c) which states “when the extension of an existing contract would prove more cost-effective or beneficial”.

### BACKGROUND

Markham Village Library Square project (renamed “Veterans Square and Cenotaph”) is located at the intersection of Markham Rd. and Highway 7. The Library Square Working Group (LSWG) was established in April 2011 to assist City staff with this new master planning exercise by providing a community perspective on the future use and master planning of the Library site in order to ensure that it meets community needs. This working group provides advice and input on the community engagement process, the development of master plan concepts and assessing the needs of stakeholders.

In 2012, Vertechs Design (lowest priced bidder) was awarded the contract through the successful consultant) via a competitive procurement process to work with the City and relevant stakeholders to prepare a master plan. They worked closely with LSWG and other working groups (i.e. citizen/staff working groups) to ensure the final site plan recognized the functional and historical significance of Library Square in the context of the Old Village of Markham and the local Business Improvement Area (BIA).



## BACKGROUND (Continued)

Currently this site primarily serves the users of the library and the community centre. Through this process, the following landscape elements and program objectives were introduced for the entire property:

- Create a “civic square”,
- Revitalize the current cenotaph,
- Provide for a war memorial,
- Provide for a “memorial space” for organizations such as Evergreen Hospice,
- Provide space for library related events,
- Consider additional opportunities for children’s play to serve the immediate neighbourhood; and
- Recognize the importance of this site as a “gateway” into Old Markham Village.

Over the last few years, Vertechs Design has prepared the Master Plan and conceptual designs of Veterans Square and Cenotaph for discussion purposes and has made several presentations of this work to Council and the public.

In June 2014, Council endorsed the master plan, in principle, and directed staff to proceed with design development and preparation of tender documents for all three phases including the cenotaph / war memorial. Funding was approved through the 2015 budget process.

Phase 1 work, to a total construction value of approximately \$1.9 million, may include the following, subject to design refinement and community consultation:

- Revitalized cenotaph and war memorial
- Public square and gathering area - “Veterans Square”
- Retaining walls
- Associated walkways, paved surfaces and site furnishings
- Planting and landscaping
- Lighting

The Phase 1 scope of work of the landscape architects work does not include design of the cenotaph (to be undertaken separately through a national competition), or future water features, but will take into account their future placement together with appropriate treatment of the surrounding area. Upon approval of the final design for Phase 1, the successful proponent will undertake design development, preparation of working drawings, construction documents, contract administration and warranty services.

## DISCUSSION

Vertechs Design has intimate knowledge of the site and its immediate surroundings. Further, they also have depth of experience and expertise on projects of similar scope and scale, the ability to successfully undertake the Project while meeting key milestones and timelines.

Staff is recommending awarding this contract to Vertechs Design for the Rehabilitation of Veterans Square and Markham Cenotaph (Phase 1 of 3), for the following reasons:

- **Timing:** The City has submitted their application (June 2015) to the Canadian government seeking the maximum 50% Federal contribution to the Canada 150 Infrastructure Program. A requirement of this priority funding is that the project(s) be completed by June 2017. Late completion will result in zero funding being provided.
- **Synergies:** To expedite the design of this public square to permit all, or phased, construction of this public square is that a new war memorial and cenotaph is in place for Canada’s 150<sup>th</sup> birthday celebrations in 2017.
- **Good Value:** Landscape architectural fees for park projects with similar size and complexity typically range between 5% - 8% and the fee proposed by the Vertechs Design came in at approximately 6%, which represents good value to the municipality. Further, their Contract and Administration Fees are on the lower end of typical costs

**DISCUSSION (Continued)**

- **Quality Services:** Vertechs Design has a proven track record for quality service and design excellence with the municipality, as well as for clients across the GTA and Ontario.
- **Project Consistency:** To ensure that the vision, design and programmatic directions for the project that are already established, are carried forward, and are in line with the established schedule for park completion.

**ENVIRONMENTAL CONSIDERATIONS**

The park design will incorporate leading edge design innovation and ecological sustainability for a new community park project.

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

To:	Andy Taylor, Chief Administrative Officer
Re:	176-S-15 Consulting Engineering Services for a City-wide Street Lighting Deficiency Study
Date:	July 13, 2015
Prepared by:	Eugene Chen, Capital Administrator, Ext. 2451 Tony Casale, Senior Construction Buyer, Ext. 3190

**PURPOSE**

To obtain approval to award the contract for consulting engineering services for a City-wide Street Lighting Deficiency Study.

**RECOMMENDATION**

Recommended Supplier	Laurilliam Lighting Technologies Inc. (Non Competitive Procurement)	
Current Budget Available for this item	\$ 0.00	
Less cost of award	\$ 75,302.40	Cost of Award (inclusive of HST)
	\$ <u>7,530.24</u>	Contingency @ 10%
	\$ 82,832.64	Cost of Award (inclusive of HST)
Budget Remaining after this award	(\$ 82,832.64)	*

\* This is an unbudgeted item. The shortfall of (\$82,832.64) will be funded from Non-DC Capital Contingency, Project #6395. The current balance remaining in the Non-DC Capital Contingency is \$143,113.

**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) (h) which states "where it is necessary or in the best interests of the City to acquire non-standard items or Consulting and Professional Services from a preferred supplier or from a supplier who has a proven track record with the City in terms of pricing, quality and service."

**BACKGROUND**

On May 7, 2015, the Executive Leadership Team (ELT) directed staff to retain a consultant to review the existing streetlight system, identify the deficiencies, estimate the cost, and develop a capital program to address the deficiencies.

In order to meet the required standards for street lighting, a comprehensive study is required. This requirement is to retain a consultant who will carry out the following:

1. Evaluate approximately 270 km length of roadway, which is to be completed by end of October 2015.
2. Photometric analysis of identified major and minor collector roads including intersections.
3. Identify lighting level deficiencies on local road intersections, based on desktop evaluation.
4. Identify locations where lighting does not conform to current IES RP-8 standard and indicate reasons for the deficiencies.
5. Provide recommendations to meet light performance to current IES RP-8 Standard for light level, uniformity and glare control using streetlight luminaires similar to existing infrastructure.
6. Prepare cost estimates on a street-by-street basis to upgrade the street lighting system the current IES RP-8 standard.
7. Submit a detailed report including photometric files (electronic copy). The report shall include the following:
  - (a) Evolution of lighting standards over the years
  - (b) Reasons for the deficiencies
  - (c) Recommendations to meet lighting performance to current IES RP-8 standards for light level, uniformity and glare control using the streetlight luminaires similar to the existing High Pressure Sodium (HPS) luminaires.
  - (d) Recommended Phasing Plan (City to provide annual budget information).

**BACKGROUND (Continued)**

Laurilliam Lighting has assisted the City in the LED conversion study and has most recently been retained to carry out peer reviews for street lighting in new subdivisions. The principal of the company has more than 50 years experience in street lighting design and currently serves as the vice chair of the Illumination Engineering Society (IES) Roadway Lighting Committee. Laurilliam Lighting has been the City's prime consultant for peer reviews regarding lighting requirements.

Laurilliam Lighting has been retained by York Region, City of Pickering, Town of Oakville, Toronto Hydro, and New Foundland Power to carry out studies to convert existing HPS streetlights to LED. Since 2011, staff has worked with Laurilliam Lighting and the principal has a proven track record of producing high quality work on time and within budget. The principal's hourly rate of \$200/hr which is consistent with previous project rates. The total cost of the proposed project is deemed to be acceptable as the work involves the evaluation of approximately 270 km of roadway within the City of Markham. Since 2011, Laurilliam Lighting has been involved with the Markham's street lighting program and their experience with Markham's street lighting infrastructure allows them to be able to meet the timelines with a reasonable rates.

It is in the best interest to retain a consultant with no underlining interest or previous history of designing streetlights which would be included under this study. Staff do not want to hire a consultant who may have worked on streetlight design through developers or capital projects as they may not be objective as the study could potentially criticize the work undertaken previously. The recommended consultant will not have this conflict.

Laurilliam Lighting has the experience and expertise to carry out the proposed works at a cost and time efficient manner. Staff recommends retaining Laurilliam Lighting as they have the experience and expertise to carry out the proposed works and have the study completed within the timeframe.

**ENVIRONMENTAL CONSIDERATIONS**

Not Applicable



### STAFF AWARD REPORT

To:	Alan Brown, Director, Engineering
Re:	186-S-15 Relocation of Rogers utilities on Church Street from Ninth Line to Bur Oak Avenue
Date:	July 13, 2015
Prepared by:	Alice Lam, Sr. Capital Works Engineer, Ext. 2354 Tony Casale, Senior Construction Buyer, Ext: 3190

### PURPOSE

To obtain approval to award the contract for the relocation of Rogers utilities on Church Street from Ninth Line to Bur Oak Avenue.

### RECOMMENDATION

Recommended Supplier	Rogers Cable Communications Inc. (Non-Competitive Procurement)	
Current Budget Available	\$ 100,164.00	083-6150-15040-005 Church Street - Ninth Line to Bur Oak Ave. Utility Relocate
Less cost of award	\$ 70,054.78	(Inclusive of HST impact)
	\$ 7,005.47	Contingency @ 10%
	\$ 77,060.25	Total Cost of Award (Incl of HST)
	\$ 9,247.23	Internal Department Management fee (12.0%)
	\$ 86,307.48	Total Project Cost
Budget Remaining after this award	\$ 13,856.52	*

\* Remaining budget of \$13,856.52 will be retained in the account for other utility relocation works. The remaining budget will be returned to the original funding source after completion of all utility relocation works by November 2016.

### 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 2 (b) which states "Tenders, Requests for Proposal and Requests for Quotation may not be required for goods and services to be provided by Utilities";

### BACKGROUND

Current traffic congestion on Church Street bounded by Ninth Line and Bur Oak Avenue indicated a need for alternative transportation options within the area.

A Municipal Class Environmental Assessment for the reconstruction of Church Street from Ninth Line to Bur Oak Avenue was completed and endorsed by City Council on September 16, 2014. Detailed design commenced in October 2014.

In March 2015 sub-surface utility investigations were completed by vacuum excavating test pits along Church Street. The test pits confirmed the location of existing Rogers utilities within the Church Street right-of-way. Existing Rogers utilities require relocation as part of the proposed road reconfiguration of Church Street.

It is anticipated that construction will commence in the fall of 2015.