



Report to: General Committee

Report Date: December 1, 2014

SUBJECT: Staff Awarded Contracts for the Month of November 2014
PREPARED BY: Alex Moore, Ext. 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Month of November 2014” be received;
2. And that Staff be authorized and directed to do all things necessary to give effect to this resolution

PURPOSE:

To inform Council of Staff Awarded Contracts >\$50,000 for the month of November 2014 as per Purchasing By-law 2004-341.

BACKGROUND:

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

- The award is to the lowest priced bidder
- The expenses relating to the goods / services being procured is included in the approved budget (Operating/Capital)
- The award of the contract is within the approved budget
- The award results from the normal tendering process of the City (i.e. open bidding through advertisements that meet transparency and enables open participation)
- The 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">• 173-T-14 Intersection Pedestrian Signal Installation and Associated Civil Works• 201-Q-14 Floodlights, Pole & Cross Arms Replacement

Development Services

Award Details	Description
Lowest Priced Supplier	<ul style="list-style-type: none">• 207-T-14 South Unionville Community Park West - Construction• 222-Q-14 Water Service, Sanitary Sewer and Storm Sewer Connections at Seven Locations• 227-Q-14 Landscape Architectural Consulting Services for Highway 48 Linear Park
Highest Ranked / Fourth Lowest Priced Supplier	<ul style="list-style-type: none">• 095-R-14 Consulting Services for a Water and Wastewater Master Servicing Model Update (2015)

04/12/2014

X 

Joel Lustig
Treasurer

04/12/2014

X 

Trinela Cane
Commissioner, Corporate Services



STAFF AWARD REPORT

To:	Brenda Librecz, Commissioner, Community & Fire Services
Re:	173-T-14 Intersection Pedestrian Signal Installation and Associated Civil Works
Date:	October 20, 2014
Prepared by:	Ravali Kosaraju, Engineering Technologist, ext. 2608 Patti Malone, Senior Buyer, ext. 2239

PURPOSE

To obtain approval to award the contract for the installation of intersection pedestrian traffic signals on Bur Oak Avenue at Greensborough Village Circle to improve pedestrian safety and accessibility.

RECOMMENDATION

Recommended Supplier	Ascent Solutions Inc. (Lowest Priced Supplier)	
Current Budget Available	\$ 181,706.17	061-5350-14227-005 – Traffic Control Signal Design & Construction
Less cost of award	\$ 104,755.81 <u>\$ 10,475.58</u> \$ 115,231.39	Inclusive of HST Contingency Inclusive of HST (10%) Total Award
Budget remaining after this award	\$ 66,474.78	*

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

BACKGROUND

The project involves installation of an intersection pedestrian signal (IPS) on Bur Oak Avenue at Greensborough Village Circle. This intersection has met the required technical warrant criteria for an IPS. Upon completion, it is expected that the IPS will improve pedestrian accessibility and safety while also promoting active transportation within the community. Optimized signal timings will ensure that the needs of both vehicular and pedestrian traffic are being achieved.

BID INFORMATION

Advertised	ETN
Bids closed on	October 16, 2014
Number picking up bid documents	5
Number responding to bid	5

PRICE SUMMARY (Inclusive of HST)

Suppliers	Price
Ascent Solutions Inc.	\$104,755.81
Guild Electric Limited	\$108,069.44
Black & McDonald Limited	\$136,197.59
Fellmore Electric Contractors Ltd.	\$175,794.71
Beacon Utility Contractors Limited	\$294,242.09

The underground and civil work will be completed by December, 2014 and the remaining work will be completed by Spring 2015.



STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	201-Q-14 Floodlights, Pole & Cross Arms Replacement
Date:	October 14, 2014
Prepared by:	Steve Matunin, Horticulture Supervisor, ext. 4560 Barb Rabicki, Manager, Parks Operations ext. 4857 Patti Malone, Senior Buyer, ext. 2239

PURPOSE

To obtain approval to award the contract for the supply and replacement of floodlights and poles at Milliken Basketball basketball court and Milliken #2 Softball Field

RECOMMENDATION

Recommended Supplier	Wayne Electric Co. Limited (Lowest Priced Supplier)	
Current Budget Available	\$478,900.00	059-6150-14211-005 Floodlights, Poles & Cross Arms Replacement
Less cost of award	\$ 74,488.32 \$ 7,448.83 \$ 81,937.15	Inclusive of HST 10% Contingency Total Award
Budget Remaining after this award	\$396,962.90	*

*Balance remaining to be returned to original funding source.

Note: The original budget amount of \$486,900.00 was for work at four (4) locations as follows:

1. Milliken (Basketball)	\$ 20,000.00 (Recommended under this award)
2. Centennial (Softball / Soccer)	\$325,000.00 (To be deferred until 2016)
3. Highgate (Softball)	\$100,000.00 (To be deferred until 2016)
4. Pomona Valley (Tennis)	\$ 41,900.00 (To be deferred until 2016)
Total	\$486,900.00*

* The original budget was \$486,900.00 which included the cost of an external consultant (\$12,000.00). The work at three (3) of the above noted locations will be deferred to 2016 as per recommendations from the consultant, as a result of recent condition assessments. Staff recommend accelerating the replacement work at Milliken Mills softball field to 2014 (originally planned for replacement in 2015) due to damaged poles which are proving to be a hazard at this location.

The total cost of award is \$81,937.15 (Milliken basketball court \$20,000 and Milliken #2 softball field \$61,937.15).

The available budget allocated for items 2, 3, and 4 (to be deferred until 2016) totaling \$458,900.00 (\$478,900.00-\$20,000.00) is recommended to fund the replacement work at Milliken #2 field (softball) in the amount of \$61,937.15. The remaining funds of \$396,962.90 will be returned to the original funding source. The 2015 Life Cycle Reserve Study Update will reflect the above changes.

BACKGROUND

The project includes the removal and disposal of existing poles and floodlights at Milliken Mills basketball court and the #2 softball field with the installation of new poles, cross arms and floodlights at these locations. The replacement of floodlights and poles coincide with the replacement of the electrical cable for improved illumination, safety and efficiency.

The work is to be completed by December 31, 2014.

BID INFORMATION

Advertised	ETN
Bids closed on	September 30, 2014
Number picking up bid documents	10
Number responding to bid	5

PRICE SUMMARY

Suppliers	Price inclusive of HST
Wayne Electric Co. Limited	\$74,488.32
Kudlak-Baird (1982) Limited	\$86,440.03
Double 05 Electric Inc.	\$98,554.56
Guild Electric Ltd.	\$122,824.19
Black & McDonald Limited	\$157,608.65



STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	207-T-14 South Unionville Community Park West - Construction
Date:	November 13, 2014
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 South Unionville Community Park West - Construction

RECOMMENDATION

Recommended Supplier	Gateman-Milloy Inc. (Lowest Priced Supplier)	
Current budget available	\$ 1,441,442.00	Budget allotted for this purchase
Less cost of award	\$ 1,035,900.22	081-5350-14023-005 SU Community Park West - Constr
	\$ 102,114.40	Provisional Items
	\$ 68,280.88	Contingency (6%)
	\$ 1,206,295.20	Total (Inclusive of HST)
	\$ 108,566.60	Internal Management Fee @ 9%
	\$ 1,314,862.10	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	\$ 126,579.90	*

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

BACKGROUND

South Unionville Park West is located north of Caboto trail, east of Glenbar Gardens and adjacent to the existing South Unionville East (Phase 1) Park. The new park will consist of the following;

- Cast-in-place concrete
- Stone masonry
- Asphalt
- Tennis Courts and Tennis Court Fencing
- Playground Equipment with Rubber and Sand Surfacing
- Shade structures
- Site furnishings
- Clearing, grubbing and rough grading
- Topsoil and finish grading
- Sub-drainage
- Planting of trees, shrubs and ground covers
- Sodding

BID INFORMATION

Advertised	ETN
Bid closed on	October 21, 2014
Number picking up document	21
Number responding to bid	8

PRICE SUMMARY

Price Summary (Inclusive of HST)	Bid Price	Provisional Prices*	Total
Gateman Milloy Inc.	\$ 1,035,900.22	\$ 102,144.40	\$ 1,138,014.62
Cambium Site Contracting Inc.	\$ 1,101,853.21	\$ 166,924.05	\$ 1,268,777.26
Melfer Construction Inc.	\$ 1,130,146.56	\$ 89,447.04	\$ 1,219,593.60
Rutherford Contracting Ltd.	\$ 1,132,387.75	\$ 149,970.04	\$ 1,282,357.79
Hawkins Contracting Services	\$ 1,149,313.30	\$ 88,071.14	\$ 1,237,384.44
Latitude 67 Ltd.	\$ 1,159,538.92	\$ 153,047.04	\$ 1,312,585.96
Bruce Wilson Landscaping Limited	\$ 1,181,852.85	\$ 111,594.09	\$ 1,293,446.94
Dig-Con International	\$ 1,364,281.06	\$ 138,393.60	\$ 1,502,674.66

*The provisional items include planting material, concrete pad and benches, supply and installation of solar lighting fixtures for pathways, supply and install electrical works for the pergola, and two pieces of play equipment for the larger rubberized surface play area. These items were left out of tender due to uncertainty of tender prices the City would receive and Staff believe they are good value to include within this award.

The site has many existing trees; the planting material specified as provisional is complementary to the design,. The play equipment introduced in the provisional component brings a much higher play value. Although lighting was not provided in the base bid it was recommended by Operations, It was therefore included as provisional.

The project is expected to be completed by October 2015, and the Operations Department has been consulted as part of the process.



STAFF AWARD REPORT

To:	Alan Brown, Director, Engineering
Re:	222-Q-14 Water Service, Sanitary Sewer and Storm Sewer Connections at Seven Locations
Date:	October 23, 2014
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 service, sanitary sewer and storm sewer connections at seven locations.

RECOMMENDATION

Recommended Supplier (s)	NSJ Waterworx Group Ltd. (Lowest Priced Supplier for locations 1 through 7 inclusive)	
Less cost of award	\$ 71,232.00	Total Cost of award (Incl. of HST)

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

BACKGROUND

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

- 30 Vintage Lane – Water, storm and sanitary sewer connection
- 165 Kreighoff Ave. – Water and Sanitary sewer connection
- 9 Country Estates Dr. - Water connection
- 2 Wembley Ave. – Water service and sanitary connections
- 22 Pomander Rd. – Water service connections
- 50 Woodward Ave. – Water service connections
- 73 Old Kennedy Rd. – Water service connections

BID INFORMATION

Advertised	ETN
Bids closed on	September 4, 2014
Number picking up bid documents	15
Number responding to bid	3

PRICE SUMMARY (Inclusive of HST)

Locations	Description	NSJ Waterworx Group Ltd	Dig-Con International	Trisan Construction
1	30 Vintage Lane	\$16,078.08	\$35,616.00	\$46,947.99
2	165 Krieghoff Avenue	\$18,215.04	\$27,475.20	\$26,944.01
3	9 Country Estates Drive	\$6,817.92	\$20,352.00	\$22,387.20
4	2 Wembley Avenue	\$13,941.12	\$25,440.00	\$26,944.01
5	22 Pomander Road	\$3,561.60	\$6,614.40	\$22,388.22
6	50 Woodward Avenue	\$3,561.60	\$18,316.80	\$22,388.22
7	73 Old Kennedy Road	\$9,056.64	\$18,316.80	\$22,388.22



STAFF AWARD REPORT

Page 1 of 2

To:	Jim Baird, Commissioner Development Services
Re:	227-Q-14 Landscape Architectural Consulting Services for Highway 48 Linear Park
Date:	November 07, 2014
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 for Hwy 48 Linear Park

RECOMMENDATION

Recommended Supplier	Cosburn Giberson Landscape Architects Inc. (Lowest Priced Supplier)	
Budget Available for this item	\$ 44,000.00	081-5350-14025-005 Linear Park HWY 48 - Design
Less cost of award	\$ 46,758.72	Total award (Inclusive of HST)
	\$ 4,675.87	Contingency @ 10%
	\$ 51,434.59	Total Cost of Award
	\$ 4,629.11	Internal Project management fee 9%
	\$ 56,063.70	Total project cost
Shortfall after this award	(\$ 12,063.70)	*

*The shortfall for this item will be funded from the construction portion of this account which has an available budget of \$409,500. There is no significant impact to the construction component of the project. Any remaining balance thereafter will be returned to the original funding source.

BACKGROUND

Hwy 48 Linear Park will be a new park adjacent to the newly constructed Markham Road (Hwy 48) just south of Hwy 7. The old Markham Road bridge at this location has been demolished and a new bridge with the road being widened will be constructed over the winter and spring months. Hwy 48 Linear Park is adjacent to this new road on the east side.

The historic Archibald Barker House is located at the south end of this new park. This location is the main access coming in from the south to the Markham Village Heritage Conservation District. The park is located at the south end of Vinegar Hill, also known as the Vinegar Dip. This new park will also provide a buffer for the residents on James Walker Court from Hwy 48. The site is a narrow strip of land running north south with existing mature trees and scrub brush.

The scope of work includes exploration of the site context, adjacent road features and all possible park site improvements in order to design this park as the gateway to Markham Village. The successful proponent shall meet with stakeholders and City staff to prepare the design of this park. Two design concepts will be presented at a public meeting and feedback from the public meeting will be collected and reviewed for the final design of this park.

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	October 31, 2014
Number picking up bid documents	5
Number responding to bid	3

Landscape architectural services shall include typical full scope of services, with substantial performance of constructed works by October 2015.

PRICE SUMMARY

Suppliers	Total (Inclusive of HST)
Cosburn Giberson Landscape Architects Inc.	\$ 46,758.72
Kenneth J. Hoyle, Strategic Planning & Management	\$ 55,510.08
Vertechs Design Inc.	\$ 63,345.60



STAFF AWARD REPORT

Page 1 of 2

To:	Andy Taylor, Chief Administrative Officer
Re:	095-R-14 Consulting Services for a Water and Wastewater Master Servicing Model Update (2015)
Date:	September 26, 2014
Prepared by:	Binu Korah, Senior Manager Development Engineering & Transportation, Ext: 2849 Tony Casale, Senior Construction Buyer Ext. 2990

PURPOSE

To obtain approval to award the contract for consulting services for a Water and Wastewater Master Servicing Model update.

RECOMMENDATION

Recommended Supplier	XCG Consultants Limited (Highest Ranked / Fourth Lowest Priced Supplier)	
Current Budget Available	\$ 284,400.00	640-101-5399-14048 Water and Wastewater Master Servicing Model 640-101-5399-13033 Official Plan & Secondary Plan
	\$ 150,000.00	
	\$ 434,400.00	
Less cost of award	\$ 325,754.11	Cost of Award (Incl. of HST) Contingency Total Cost of Award (Incl. of HST)
	\$ 22,802.78	
	\$ 348,556.89	
Budget Remaining after this award	\$ 85,843.11	*

*The remaining balance in account # 13033 will be used to install flow monitoring stations in various locations within the Official Plan and Secondary plan areas, including sanitary sewer analysis to support the developments as budgeted for in this account.

BACKGROUND

The City of Markham adopted a new Official Plan in December 2013. Growth forecasts propose almost 150,000 residents and 100,000 new jobs in Markham between 2006 and 2031. In order to manage the growth, a city-wide Water and Wastewater Servicing Model update is required to support development.

The City's existing water and sanitary sewer hydraulic models are used to demonstrate the condition of the existing systems to serve the main purpose of operation and maintenance support of the existing systems. The existing model does not have the capability of forecasting the available capacity in the system to support developments. Further, the current models only reflect the existing as-built condition. Updated and expanded Water and Wastewater models are therefore required to confirm the status of the infrastructure and what improvements are required to accommodate development in accordance with the approved City's Official Plan.

The City is currently receiving several development plans within its jurisdiction and that requires a detailed analysis of the servicing capacity to provide approvals. Further, various development plans are also in the Ontario Municipal Board hearing (for example, Valleysmede, Village of Fairtree, Buttonville etc) and servicing issues needs to be resolved. Also the City is planning to update about 12 Secondary Planning areas to increase the density. In order to confirm the water and wastewater capacity at the early stages of rezoning application, the City has to complete a detailed modeling exercise to understand the downstream capacity issues, operational issues, sewer upgrade requirements cost and funding source.

In order to close the gap between the existing as-built models and the planned future growth within the City as contained in the Official Plan including built out conditions, Master Servicing Models for both water and wastewater systems with different scenarios reflecting number of servicing schemes and the relative timeframes are required. The Master Servicing Models will also be used to help the City staff to:

BACKGROUND (Continued)

- a) Identify existing and future capacity constraints within the systems;
- b) Identify improvements required to provide capacity;
- c) Establish policies in managing the approval of new development/intensification applications;
- d) Develop infrastructure costing and financial strategy to provide funding for the necessary infrastructure expansions and upgrades.

It is anticipated that the study will commence in October 2014 and be completed by February 2016.

BID INFORMATION

Advertised	ETN (Electronic Tendering Network)
Bids closed on	July 17, 2014
Number picking up bid documents	20*
Number responding to bid	5

* Of the suppliers that picked up the document but did not submit a bid; Purchasing were able to receive responses from seven (7) suppliers, five (5) suppliers advised that they did not bid due to current workload, one (1) supplier advised that they did not own an INFO Works license to carry out the work and one (1) supplier advised the project was too large and they could not partner with another consultant.

PROPOSAL EVALUATION

The Evaluation Team comprised of staff from the Engineering and Waterworks Departments and was facilitated by staff from the Purchasing Department. The proposals were evaluated based on pre-established evaluation criteria as listed in the RFP document: Qualifications and Experience of the Consulting firm (20%), Qualification and experience of Project Team (20%), Project Understanding (30%) and price (30%) totaling 100%.

Suppliers	Technical (70 points)	Price (30 points)	Total Score (100 points)	Overall Ranking
XCG Consultants Limited	54.50	14.86	69.36	1
Civica Infrastructure Inc.	34.00	28.62	62.62	2
Aecom Canada Ltd.	45.00	15.87	60.87	3
AMEC Environment & Infrastructure	28.00	30.00	58.00	4
GM BluePlan Engineering Limited	53.50	0.00	53.50	5

Note: Bid prices ranged from to \$216,475 to \$457,786 (Incl. of HST).

Staff recommends XCG Consultants Limited ("XCG") as their proposal demonstrates a strong understanding of the project. They have extensive experience in Water and Wastewater System Modeling and have worked with the City of Markham in developing the servicing analysis for the City of Markham future Urban Area. XCG is also familiar with the City's existing water and wastewater network system. Moreover, the proposed Project Manager is a partner of the company with extensive experience in managing large, multi-disciplinary projects for municipal agencies. The Project Manager has been involved and has managed a wide range of municipal, water resource and watershed management projects in both Canada and the United States and the team has significant expertise with updating models and calibration at similar scales. XCG had the highest technical score due to their understanding of the study requirements.

The recommended supplier is higher in cost than the two low suppliers but is comparable in price to that of the 3rd lowest priced supplier. Staff reviewed the prices provided by the low suppliers and compared them to that of the recommended supplier. There is a considerable differences between the lowest priced supplier in terms of the hours estimated that would be required to complete the work as compared to the recommended supplier. The lowest priced supplier provided 40% fewer hours (approx 1,000 fewer hours) than that of the recommended supplier and the second lowest priced supplier provided approximately 600 fewer hours. Moreover, the firm with the lowest price did not adequately demonstrate an understanding of the full scale and complexity of the project, the number of hours that are required to complete this project, and /or the length of time realistically required to complete the model update and the technical scores for these firms reflect such information.