

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 16, 2015**

Item 9, Report No. 31, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on September 16, 2015.

**9**

**SELECTION OF ENGINEERING CONSULTANT**

**RFP15-278**

**DESIGN SERVICES - INFRASTRUCTURE RENEWAL**

**PART 'A' – ANDREW PARK AREA (VICINITY OF MARTIN GROVE ROAD AND HIGHWAY 7  
AND PART 'B' – KIPLING AVENUE (WOODBIDGE AVENUE TO MEETING HOUSE ROAD)**

**WARD 2**

**The Committee of the Whole recommends approval of the recommendation contained in the following report of the Commissioner of Public Works and the Director of Capital Delivery and Asset Management, dated September 9, 2015:**

**Recommendation**

The Commissioner of Public Works and the Director of Capital Delivery and Asset Management, in consultation with the Director of Purchasing and the Director of Financial Planning & Analytics recommend:

1. That RFP15-278 to provide engineering services for Part A – Andrew Park Area Roadworks and Watermain Replacement and Part B – Kipling Avenue Roadworks and Watermain Replacement be awarded to Accardi Schaeffers & Associates Limited in the amount of \$89,962.00, plus applicable taxes and administration recovery;
2. That a contingency allowance in the amount of \$5,500.00 for Part 'A' and \$5,500.00 for Part 'B', plus applicable taxes be approved within which the Commissioner of Public Works, or his designate is authorized to approve amendments to this contract;
3. That the amounts identified in the above recommendations, including all contingency allowances, applicable taxes and administration recovery be funded from Capital Projects CD-1920-15 2015 Road Rehabilitation and Watermain Replacement, CD-2015-15 2016 Road Rehabilitation and CD-2016-15 2016 Watermain Replacement; and
4. That the Mayor and City Clerk be authorized to sign the appropriate documents.

**Contribution to Sustainability**

An integral part of a sustainable city is effective asset management. Through infrastructure investments, the risk of failure is reduced and system reliability improved, providing optimal service to citizens. The proposed rehabilitation of existing roads and watermain replacement will maximize the return on the capital and operating investments and ensure that an acceptable level of service is maintained for the health and well being of its citizens.

**Economic Impact**

The total project cost of \$104,300.00, which includes a contingency allowance, administration recovery and applicable taxes falls within the approved budgets in Capital Projects "CD-1920-15 2015 Road Rehabilitation and Watermain Replacement," "CD-2015-15 2016 Road Rehabilitation" and "CD-2016-15 2016 Watermain Replacement". As such, there is no additional economic impact. Part 'A' Andrew Park will be funded from Capital Project CD-1920-15, and Part 'B' Kipling Avenue will be funded from Capital Projects CD-2015-15 and CD-2016-15.

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#### **Communication Plan**

Once the project is awarded, staff will advise the Mayor and Members of Council and will distribute a newsletter to the affected residents and businesses upon award of this assignment.

#### **Purpose**

To obtain approval to retain Accardi Schaeffers & Associates Limited for consulting services as identified in RFP15-278 for Part A – Andrew Park Area Rehabilitation, Watermain Replacement and Part B – Kipling Avenue Road Rehabilitation and Watermain Replacement.

#### **Background – Analysis and Options**

**Road rehabilitation and watermain replacement have been identified as required infrastructure improvements in the Andrew Park Area and Kipling Avenue.**

The scope of work for this assignment includes the preliminary engineering and detailed design for the rehabilitation of the roadways and watermain replacement in the Andrew Park area and Kipling Avenue. Watermain replacement, along with water service upgrades, will be carried out at locations where metallic watermain pipe has been identified and will be replaced with PVC pipe.

During the project planning stage of these two projects, it was determined that since the scope of work was similar, it would be more cost effective to combine the design assignments. This allows staff to better manage resources, schedule, cost control, communication and ensure overall project delivery in an efficient manner.

A Request for Proposal for the Consulting Services for Part A Andrew Park Area Road Rehabilitation and Watermain Replacement and Part B Kipling Avenue Road Rehabilitation and Watermain Replacement was advertised on the Bids & Tenders, Bidding and Ontario Public Buyers Association (OPBA) website on July 10, 2015 and downloaded by fourteen (14) potential respondents, with a closing date of July 24, 2015. Upon closing, two proposal submissions were received.

An evaluation meeting was held on August 7, 2015, with the review committee, comprising of representatives from Capital Delivery and Asset Management and Purchasing Services.

A standardized scoring and ranking system was used for the proposal as follows:

- 20 points available for understanding and project approach;
- 25 points available for work plan and project management;
- 35 points available for firm qualification and staff experience; and
- 20 points available for engineering fees.

**Based on the evaluation of the proposals submitted, assignment of the work to Accardi Schaeffers & Associates Limited is recommended.**

Accardi Schaeffers & Associates Limited scored the highest number of points during the evaluation process. Based on the evaluation of the proposals, it is recommended that the proposal from Accardi Schaeffers & Associates Limited be accepted and that an Engineering Agreement be executed.

The total cost for professional engineering services for this project, including contingency allowance, applicable taxes and administration recovery is calculated as follows:

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<b>TABLE 1: ESTIMATED DESIGN COSTS</b>					
	<b>Part 'A'</b>		<b>Part 'B'</b>		<b>Total \$</b>
	<b>CD-1920-15 Watermain \$</b>	<b>CD-1920-15 Roads \$</b>	<b>CD-2016-15 Watermain \$</b>	<b>CD-2015-15 Roads \$</b>	
Accardi Schaeffers & Associates Limited (Excluding H.S.T.)	26,987.00	26,987.00	17,994.00	17,994.00	89,962.00
Contingency Allowance (Part A – 10%) (Part B – 15%)	2,750.00	2,750.00	2,750.00	2,750.00	11,000.00
<b>Sub-Total</b>	<b>29,737.00</b>	<b>29,737.00</b>	<b>20,744.00</b>	<b>20,744.00</b>	<b>100,962.00</b>
H.S.T. (1.76%) Not Recoverable	523.37	523.37	365.09	365.09	1,176.92
<b>Total</b>	<b>30,260.37</b>	<b>30,260.37</b>	<b>21,109.09</b>	<b>21,109.09</b>	<b>102,738.92</b>
Administration Recovery (3%) (Note 1)	907.81	N/A	633.27	N/A	<b>1,541.08</b>
<b>Net Total Cost</b>	<b>31,168.18</b>	<b>30,260.37</b>	<b>21,742.37</b>	<b>21,109.09</b>	<b>104,280.01</b>

**ROUNDED**

**104,300.00**

<b>TABLE 2: PROJECT FUNDING POSITION SUMMARY</b>					
	<b>Part 'A'</b>		<b>Part 'B'</b>		<b>Total \$</b>
	<b>CD-1920-15 Watermain \$</b>	<b>CD-1920-15 Roads \$</b>	<b>CD-2016-15 Watermain \$</b>	<b>CD-2015-15 Roads \$</b>	
Approved Budget	2,518,900.00	1,350,200.00	317,300.00	267,300.00	4,453,700.00
Expenses to date	0.00	0.00	0.00	0.00	0.00
<b>Current Funds Remaining</b>	<b>2,518,900.00</b>	<b>1,350,200.00</b>	<b>317,300.00</b>	<b>267,300.00</b>	<b>4,453,700.00</b>
Net Total Cost	(31,168.18)	(30,260.37)	(21,742.37)	(21,109.09)	(104,280.01)
<b>Balance Remaining</b>	<b>2,487,731.82</b>	<b>1,319,939.63</b>	<b>295,557.63</b>	<b>246,190.91</b>	<b>4,349,419.99</b>

As a result of the subsurface works proposed, the project is considered to be moderate in complexity with a mostly defined scope with some uncertainties. In accordance with the Contingency Matrix (identified in Appendix 1 of the Capital Project Financial Administration and Reporting Policy), a contingency allowance of 10% has been identified for Part 'A'. Part 'B' is considered high in complexity as it involves a watermain crossing under a railway in the vicinity of new redevelopment and as such 15% has been identified. The balance remaining will be applied to the balance of work required for the design and construction of the remainder of the watermain and roads in planned under Capital Projects CD-1920-15, CD-2015-15 and CD-2016-15.

Accardi Schaeffers & Associates Limited has completed similar projects in the past of similar scope and is deemed qualified to undertake this assignment.

**Relationship to Vaughan Vision 2020/Strategic Plan**

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in enhancing and maintaining community safety, health and wellness, by ensuring that appropriate levels of service are maintained for the local residents.

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**Regional Implications**

Not Applicable.

**Conclusion**

Staff recommends that this assignment be awarded to Accardi Schaeffers & Associates Limited in the amount of \$89,962.00, plus applicable taxes.

**Attachments**

1. Location Map

**Report prepared by:**

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(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)