

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 7, 2016

Item 1, Report No. 24, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 7, 2016.

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**AWARD OF TENDER T16-072
MAJOR MACKENZIE DRIVE SIDEWALK AND STREETLIGHTING
WARD 4**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager of Public Works and the Director of Infrastructure Delivery, dated May 31, 2016:

Recommendation

The Deputy City Manager of Public Works and the Director of Infrastructure Delivery, in consultation with the Director of Procurement Services, the Director of Financial Planning and Development Finance & Deputy City Treasurer and the Director of Transportation Services, Parks and Forestry Operations, recommend:

1. That Tender T16-072, Major Mackenzie Drive Sidewalk and Streetlighting, be awarded to Rafat General Contractor Inc., in the amount of \$1,277,735.00 plus applicable taxes;
2. That a contingency allowance in the amount of \$130,000.00, plus applicable taxes be approved within which the Deputy City Manager of Public Works or his designate is authorized to approve amendments to the contract;
3. That a Geotechnical and Material Testing amount of \$15,000.00, plus applicable taxes, be approved to ensure compliance with all applicable standards and specifications;
4. That the amounts identified in the above recommendations, including all contingency allowances, applicable taxes and administration recovery be funded from Capital Project EN-1880-12 Sidewalk Major Mackenzie Drive and from Capital Project EN-1756-09 Sidewalk and Streetlighting Program to support new development; and
5. That the Mayor and City Clerk be authorized to sign the appropriate documents.

Contribution to Sustainability

The sidewalk and streetlight installation will ensure that an acceptable level of service by the City's infrastructure is maintained for the health and well-being of its citizens.

The sidewalk and streetlight installation will help promote walking as a means of transportation. This is consistent with Green Directions Vaughan Goal #3: To ensure that Vaughan is a City that is easy to get around with a low environmental impact, in particular Objective 3.1: To develop and sustain a network of sidewalks, paths and trails that supports all modes of non-vehicular transportation.

Economic Impact

The total project cost of \$1,491,208.39 falls within the approved budget amount under the 2012 Capital Project EN-1880-12, Sidewalk Major Mackenzie Drive and the 2009 Capital Project EN-1756-09 Sidewalk and Streetlighting Program to support new development.

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Communications Plan

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

Purpose

Council approval to award Tender T16-072, Major Mackenzie Drive Sidewalk and Streetlighting.

Background – Analysis and Options

The construction of the sidewalk and streetlights on Major Mackenzie Drive from Peter Rupert Avenue to Dufferin Street and on Dufferin Street to 200 metres north of Major Mackenzie Drive, was approved to reduce missing sidewalk and streetlighting links within the City

The scope of the work covered by this tender includes the construction of concrete sidewalk and streetlighting on Major Mackenzie Drive from Peter Rupert Avenue to 180 metres east of Dufferin Street (Capital Project EN-1880-12) and on Dufferin Street from Major Mackenzie Drive to 200 metres north (Capital Project EN-1756-09). The proposed sidewalk will connect to existing sidewalks at the project limits and eliminate the existing missing link. The project location is identified on Attachment No. 1.

The proposed streetlighting to be installed on Major Mackenzie Drive will be LEDs. This is consistent with the proposed City-wide approach to retrofitting the existing streetlight infrastructure to LEDs. A business case for a City-wide LED retrofit, which outlines the estimated costs of retrofitting the current streetlight infrastructure to LEDs, the estimated savings resulting from reduced electricity consumption and maintenance, as well as a recommended financing and delivery strategy, will be forthcoming to Council in June 2016 by the Transportation Services, Parks and Forestry Operations Department.

Staff are currently reviewing the feasibility of extending the sidewalk on Dufferin Street from Sir Benson Drive to the north end of Upper Thornhill Estates. This section of sidewalk will provide additional pedestrian connectivity for the local community.

On March 22 2016, bids were received for T16-072, Major Mackenzie Drive Sidewalk and Streetlighting

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), on Biddingo and on the City Webpage on March 8, 2016 and closed on March 22, 2016. A total of 26 sets of bid documents were downloaded and/or picked up from Procurement Services and the following 7 compliant bids were received:

<u>Contractor</u>	<u>Total Bid Amount (excl. H.S.T.)</u>
Rafat General Contractor Inc.	\$1,277,735.00
Vaughan Paving Ltd.	*\$1,334,144.50
Bennington Construction Ltd.	\$1,345,313.10
AshLand Paving Ltd.	\$1,629,916.74
Curbside Construction Ltd.	\$1,676,447.04
Patterned Concrete Ontario Inc.	\$1,782,629.70
IL Duca Contracting Inc.	\$1,862,767.33

* Corrected for arithmetic error

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The total estimated cost for the construction of this project is \$1,491,208.39, and is calculated as follows:

TABLE 1: ESTIMATED CONSTRUCTION COSTS			
	EN-1880-12	EN-1756-09	Total
	\$	\$	\$
Rafat General Contractor Inc. Bid Price (excluding H.S.T.)	744,095.00	533,640.00	1,277,735.00
Contingency Allowance (Approx. 10%)	75,000.00	55,000.00	130,000.00
Geotechnical Allowance & Material Testing (Est.)	9,000.00	6,000.00	15,000.00
Sub-Total	828,095.00	594,640.00	1,422,735.00
H.S.T. (1.76%) Not Recoverable	14,574.47	10,465.66	25,040.14
Total	842,669.47	605,105.66	1,447,775.14
Administration Recovery (3%)	25,280.08	18,153.17	43,433.25
Net Total Cost	867,949.56	623,258.83	1,491,208.39

TABLE 2: PROJECT FUNDING POSITION SUMMARY			
	EN-1880-12	EN-1756-09	Total
	\$	\$	\$
Approved Budget	1,097,000.00	4,290,719.91	5,387,719.91
Less: Expenses/Commitments to date	(48,611.94)	(2,318,481.40)	(2,367,093.34)
Current Funds Remaining	1,048,388.06	1,972,238.51	3,020,626.57
Less: Net Total Cost	(867,949.56)	(623,258.83)	(1,491,208.39)
Balance Remaining	180,438.51	1,348,979.68	1,529,418.18

The project is considered to be low in complexity and is of short duration, with a well-defined scope. In accordance with the Contingency Matrix (identified in Appendix 1 of the Capital Project Finance Administration and Reporting Policy), a contingency allowance of approximately 10% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this project. Any residual funds under Capital Project EN-1880-12 will be returned to the original funding source. Any residual funds under Capital Project EN-1756-09 will be used for future sidewalks and streetlighting projects and tendered separately.

Based on the review by staff, it is appropriate to award T16-072, Major Mackenzie Drive Sidewalk and Streetlighting to Rafat General Contractor Inc.

Staff has reviewed the submitted bids. Rafat General Contractor Inc., who has completed similar projects, is deemed qualified to undertake this project. Therefore, it is appropriate to award this contract to the low bidder, Rafat General Contractor Inc.

Relationship to Term of Council Service Excellence Strategy Map (2014-2018)

In consideration of the priorities set within the Term of Council Service Excellence Strategy Map, the recommendations in this report support the priority to invest, renew and manage infrastructure

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assets. It will also assist in continuing to ensure the safety and well-being of citizens by ensuring that an appropriate level of service for the roadway conditions are maintained and improved where required. As stated previously in the report, this project is consistent with Green Directions Vaughan Goal #1 which continues to cultivate an environmentally sustainable city.

Regional Implications

Major Mackenzie Drive and Dufferin Street are owned and operated by the Regional Municipality of York and they will be advised upon project commencement.

Conclusion

Staff recommends that this contract be awarded to Rafat General Contractor Inc. in the amount of \$1,277,735.00, plus applicable taxes.

Attachment

1. Location Map

Report prepared by:

John Zanchettin, C.E.T., Senior Engineering Assistant, ext. 8470

Paolo Masaro, P. Eng., Manager of Design and Construction (East Division), ext. 8446

(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.)

**AWARD OF TENDER T16-072
MAJOR MACKENZIE DRIVE SIDEWALK AND STREETLIGHTING
WARD 4****Recommendation**

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1. Location Map

Report prepared by:

John Zanchettin, C.E.T., Senior Engineering Assistant, ext. 8470
Paolo Masaro, P. Eng., Manager of Design and Construction (East Division), ext. 8446

Respectfully submitted,

Paul Jankowski
Deputy City Manager, Public Works

Jack Graziosi
Director of Infrastructure Delivery



JZ: cg

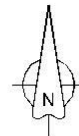
ATTACHMENT No. 1



MAJOR MACKENZIE DRIVE AND DUFFERIN STREET PROPOSED SIDEWALK AND STREET LIGHTING T16-072

LEGEND

-  PROPOSED SIDEWALK
-  PROPOSED STREET LIGHTING



NOT TO SCALE