

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 28, 2016

Item 19, Report No. 27, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 28, 2016.

19

AWARD OF TENDER T16-195 NORT JOHNSTON PEDESTRIAN BRIDGE REHABILITATION WARD 2

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 June 21, 2016:

Recommendation

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

1. That Tender T16-195, Nort Johnston Pedestrian Bridge Rehabilitation be awarded to Marbridge Construction Ltd., in the amount of \$506,150.00, plus applicable taxes;
2. That a contingency allowance in the amount of \$51,000.00, 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 Allowance and Material Testing in the amount of \$10,000.00, plus applicable taxes, be approved to ensure compliance with all applicable standards;
4. That the amounts identified in the above recommendations, including all contingency allowances, applicable taxes and administration recovery, be funded from Capital Project EN-1994-14 Bridge Rehabilitation – Nort Johnston District Park; and
5. 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 residents. The proposed rehabilitation of this structure will maximize the return on the City's 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 \$577,131.84 is available within approved Capital Project EN-1994-14, Bridge Rehabilitation – Nort Johnston District Park. A detailed explanation of the funding is provided in the **Background - Analysis and Options** section of this report.

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 and businesses prior to the commencement of the construction activities.

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EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 28, 2016

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Purpose

This report seeks Council approval to award Tender T16-195, Nort Johnston Pedestrian Bridge Rehabilitation to Marbridge Construction Ltd.

Background – Analysis and Options

The Rehabilitation of the Nort Johnston Pedestrian Bridge was first approved as part of the 2014 Capital Budget

Regulations under the Highway Traffic Act (Section 123(2)) and the Bridges Act (Section 2) requires the City to ensure that the bridges are kept safe and in good repair. This requirement is completed through the performance of regular biennial structure inspections in accordance with the Ministry of Transportation Ontario Structure Inspection Manual. Inspections have identified that the bridge is in an advanced state of disrepair and will require some form of rehabilitation or replacement for it to remain in service. Capital Project EN-1994-14 - Bridge Rehabilitation - Nort Johnston District Park - was initiated and approved as part of the 2014 Budget Deliberations to carry out the preliminary engineering, determine the appropriate rehabilitation method and undertake the detailed design.

The budget to fund the associated construction of the Nort Johnston Pedestrian Bridge was approved as part of the 2016 Budget Deliberations. The scope of work as part of this contract includes the removal and replacement of the existing concrete deck, railings, expansion joints, approach sidewalks, concrete patch repairs and associated works (See Attachment No. 1 for project location).

On May 20, 2016, bids were received for T16-195 Nort Johnston Pedestrian Bridge Rehabilitation

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), Biddingo and the City Bid Opportunities Website on May 6, 2016 and closed on May 20, 2016. A total of 16 sets of bid documents were downloaded from the City website. A total of 5 compliant bids were received:

<u>Contractor</u>	<u>Total Bid Amount (excl. H.S.T.)</u>
Marbridge Construction Ltd.	\$ 506,150.00
Anscon Contracting Inc.	\$ 545,618.53*
Dig-Con International Ltd.	\$ 781,770.00
Soncin Construction	\$1,097,680.00
Bridgecon Construction Ltd.	\$1,212,909.25

* Corrected for arithmetic errors

The estimated cost for the construction of this project is \$577,131.84 and is calculated as follows:

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TABLE 1: ESTIMATED CONSTRUCTION COSTS	\$
Marbridge Construction Ltd. Bid Price (excluding H.S.T.)	506,150.00
Contingency Amount (approx. 10%)	51,000.00
Geotechnical Allowance and Material Testing (est.)	10,000.00
Sub-Total	567,150.00
H.S.T. (1.76%, Not Recoverable)	9,981.84
Total	577,131.84
Administration Recovery (3%) - Note 1	
Net Total Cost	577,131.84

Note 1: 3% administration recovery is not applied to Capital Project EN-1994-14 as it is fully funded through grants

ROUNDED \$580,000.00

TABLE 2: PROJECT FUNDING POSITION SUMMARY	
Capital Project EN-1994-14	Total \$
Approved Budget	815,100.00
Less: Expenses/Commitments To Date	(70,112.77)
Funds Remaining	744,987.23
Less: Net Total Cost	(577,131.84)
Budget Remaining	167,855.39

The project is not considered to be high in complexity and is of moderate 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 10% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this project. Any residual funds will be used for other phases of the project to be tendered separately.

Based on the review of the submitted bids, it is recommended to award Tender T16-195, Nort Johnston Pedestrian Bridge Rehabilitation to Marbridge Construction Ltd.

Engineering consultant undertaking the design for the work has reviewed the submitted bids and recommend that Marbridge Construction Ltd. is deemed qualified to undertake this project. Therefore, it is appropriate to award Tender T16-195, Nort Johnston Pedestrian Bridge Rehabilitation to the lowest compliant bidder, Marbridge Construction Ltd.

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 assets.

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Regional Implications

Not Applicable.

Conclusion

Staff recommends that this contract be awarded to Marbridge Construction Ltd., in the amount of \$506,150.00, plus applicable taxes.

Attachment

1. Location Map

Report prepared by:

Pat Marcantonio, Project Manager, ext. 8468
Mohan Toor, Manager, Design & Construction (West), ext. 8144

(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 T16-195
NORT JOHNSTON PEDESTRIAN BRIDGE REHABILITATION
WARD 2**

Recommendation

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Report prepared by:

Pat Marcantonio, Project Manager, ext. 8468
Mohan Toor, Manager, Design & Construction (West), ext. 8144

Respectfully submitted,

Paul Jankowski
Deputy City Manager, Public Works


Jack Graziosi
Director of Infrastructure Delivery

ATTACHMENT No. 1



NORT JOHNSTON PEDESTRIAN BRIDGE REHABILITATION T16-195

LEGEND

 SUBJECT BRIDGE

Note: Aerial photography acquired in Spring 2014



NOT TO SCALE

CITY OF VAUGHAN - INFRASTRUCTURE DELIVERY

ENGINEERING DESIGN TECHNICIAN: G.I.S.

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