

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 23, 2015

Item 1, Report No. 26, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 23, 2015.

1

AWARD OF TENDER T15-277 2015 ROAD RESURFACING/REHABILITATION VARIOUS LOCATIONS WARDS 1 AND 5

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 June 16, 2015:

Recommendation

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

1. That Tender T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations, be awarded to Forest Contractors Ltd., in the amount of \$1,641,905.00 plus applicable taxes;
2. That a contingency allowance in the amount of \$170,000.00, plus applicable taxes be approved within which the Commissioner of Public Works or his designate is authorized to approve amendments to the contract;
3. That a Geotechnical and Material Testing amount of \$25,000.00, plus applicable taxes be approved to ensure compliance with all applicable standards;
4. That the amounts of the above recommendations illustrated within this report, including all contingency allowances and applicable taxes be funded from Capital Project EN-1913-14; 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 resurfacing/rehabilitation of roads 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.

The resurfacing/rehabilitation of the existing roads by utilizing recycled construction materials are consistent with Green Direction Vaughan Goal #1: To significantly reduce our use of natural resources and the amount of waste we generate, in particular Objective 1.1. To reduce greenhouse gas emissions and move towards carbon neutrality for the City of Vaughan's facilities and infrastructure.

Economic Impact

The total project cost of \$1,870,000.00 falls within the approved budget amount in Capital Project EN-1913-14, and as such, there is no additional economic impact.

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 23, 2015

Item 1, CW Report No. 26 – Page 2

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 T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations.

Background – Analysis and Options

The areas identified in this tender are a part of the 2015 Pavement Management Program and were approved as part of the 2014 and 2015 Budget Deliberations

The Pavement Management Program (PMP) identifies roads within the City that will require resurfacing/rehabilitation. A geotechnical investigation is undertaken on the identified roads to evaluate the condition of the existing pavements and the most cost effective rehabilitation strategy for each road is determined.

The work covered by this tender includes the replacement of concrete curb and sidewalks where required, subdrain installation and the resurfacing/rehabilitation of the existing pavements as part of the approved Capital Project EN-1913-14. (See Attachment No.1 for project location). There are no outstanding permits and/or approval required for this project.

On May 20, 2015, bids were received for T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations.

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), on Biddingo and on the City Webpage on May 5, 2015 and closed on May 20, 2015. A total of 10 sets of bid documents were downloaded and/or picked up from the Purchasing Services Department and the following 9 compliant bids were received:

<u>Contractor</u>	<u>Total Bid Amount (excl. H.S.T.)</u>
Forest Contractors Ltd.	\$1,641,905.00
Furfari Paving Co. Ltd.	\$1,777,177.00
C. Valley Paving Ltd.	\$1,798,436.50
Four Seasons Site Development Ltd.	*\$1,808,515.00
D. Crupi & Sons Limited	\$1,937,554.00
Fermar Paving Limited	\$2,147,246.71
Gazzola Paving Limited	\$2,203,597.00
Pave-AL Limited	\$2,350,475.00
Coco Paving Inc.	\$2,851,780.21

* Corrected for arithmetic error

The total estimated cost for the construction of this project is \$1,870,000.00 and is calculated as follows:

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 23, 2015

Item 1, CW Report No. 26 – Page 3

TABLE 1: ESTIMATED CONSTRUCTION COSTS	
Bid Price (excluding H.S.T.)	\$1,641,905.00
Contingency Allowance (approx. 10%)	\$170,000.00
Geotechnical Allowance & Material Testing	\$25,000.00
Sub-Total	\$1,836,905.00
H.S.T. (1.76%) Not Recoverable	\$32,329.53
Total	\$1,869,234.53
Administration Recovery (3%)*	\$0.00
Net Total Cost	\$1,869,234.53

ROUNDED \$1,870,000.00

**3% administration recovery is not applied as the construction phase of the project is funded through Gas Tax Grants*

TABLE 2: PROJECT FUNDING POSITION SUMMARY	
Capital Project	EN-1913-14
Approved Budget	\$3,516,500.00
Less: Exp. & Commitments to Date	(\$29,402.14)
Current Funds Remaining	\$3,487,097.86
Less: Net Total Cost	(\$1,869,234.53)
Balance Remaining	\$1,617,863.33

The project is not considered to be high 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 10% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this project.

The total tender cost is lower than the estimated budget, primarily as a result of a reduction in the scope of work. Road segments were deferred to future years to minimize construction impact to area residents and achieve cost efficiencies in combining the road works with future watermain rehabilitation. These deferred road segments will have both surface and watermain rehabilitation completed as part of a future capital project. The engineering estimate for the construction of this project for the revised scope was \$2,400,000.00, excluding H.S.T.

In addition, the overall tender pricing received was lower than the original estimates. As a result, any residual funds will be transferred back to the original funding source upon completion of the project.

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 23, 2015

Item 1, CW Report No. 26 – Page 4

Based on the review by staff, it is appropriate to award T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations to Forest Contractors Ltd.

Staff has reviewed the submitted bids. Forest Contractors Ltd., who has completed similar projects, is deemed qualified to undertake this project. Therefore, it is appropriate to award this contract to the low bidder, Forest Contractors Ltd.

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of the report will assist in enhancing and maintaining community safety, health and wellness by ensuring that an appropriate level of service for the roadway conditions are maintained for the citizens of Vaughan.

Regional Implications

Not Applicable.

Conclusion

Staff recommends that this contract be awarded to Forest Contractors Ltd. in the amount of \$1,641,905.00, plus applicable taxes.

Attachments

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.)

COMMITTEE OF THE WHOLE – JUNE 16, 2015

AWARD OF TENDER T15-277 2015 ROAD RESURFACING/REHABILITATION VARIOUS LOCATIONS WARDS 1 AND 5

Recommendation

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

1. That Tender T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations, be awarded to Forest Contractors Ltd., in the amount of \$1,641,905.00 plus applicable taxes;
2. That a contingency allowance in the amount of \$170,000.00, plus applicable taxes be approved within which the Commissioner of Public Works or his designate is authorized to approve amendments to the contract;
3. That a Geotechnical and Material Testing amount of \$25,000.00, plus applicable taxes be approved to ensure compliance with all applicable standards;
4. That the amounts of the above recommendations illustrated within this report, including all contingency allowances and applicable taxes be funded from Capital Project EN-1913-14; 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 resurfacing/rehabilitation of roads 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.

The resurfacing/rehabilitation of the existing roads by utilizing recycled construction materials are consistent with Green Direction Vaughan Goal #1: To significantly reduce our use of natural resources and the amount of waste we generate, in particular Objective 1.1. To reduce greenhouse gas emissions and move towards carbon neutrality for the City of Vaughan's facilities and infrastructure.

Economic Impact

The total project cost of \$1,870,000.00 falls within the approved budget amount in Capital Project EN-1913-14, and as such, there is no additional economic impact.

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 T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations.

Background – Analysis and Options

The areas identified in this tender are a part of the 2015 Pavement Management Program and were approved as part of the 2014 and 2015 Budget Deliberations

The Pavement Management Program (PMP) identifies roads within the City that will require resurfacing/rehabilitation. A geotechnical investigation is undertaken on the identified roads to evaluate the condition of the existing pavements and the most cost effective rehabilitation strategy for each road is determined.

The work covered by this tender includes the replacement of concrete curb and sidewalks where required, subdrain installation and the resurfacing/rehabilitation of the existing pavements as part of the approved Capital Project EN-1913-14. (See Attachment No.1 for project location). There are no outstanding permits and/or approval required for this project.

On May 20, 2015, bids were received for T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations.

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), on Biddingo and on the City Webpage on May 5, 2015 and closed on May 20, 2015. A total of 10 sets of bid documents were downloaded and/or picked up from the Purchasing Services Department and the following 9 compliant bids were received:

<u>Contractor</u>	<u>Total Bid Amount (excl. H.S.T.)</u>
Forest Contractors Ltd.	\$1,641,905.00
Furfari Paving Co. Ltd.	\$1,777,177.00
C. Valley Paving Ltd.	\$1,798,436.50
Four Seasons Site Development Ltd.	*\$1,808,515.00
D. Crupi & Sons Limited	\$1,937,554.00
Fermar Paving Limited	\$2,147,246.71
Gazzola Paving Limited	\$2,203,597.00
Pave-AL Limited	\$2,350,475.00
Coco Paving Inc.	\$2,851,780.21

* Corrected for arithmetic error

The total estimated cost for the construction of this project is \$1,870,000.00 and is calculated as follows:

TABLE 1: ESTIMATED CONSTRUCTION COSTS	
Bid Price (excluding H.S.T.)	\$1,641,905.00
Contingency Allowance (approx. 10%)	\$170,000.00
Geotechnical Allowance & Material Testing	\$25,000.00
Sub-Total	\$1,836,905.00
H.S.T. (1.76%) Not Recoverable	\$32,329.53
Total	\$1,869,234.53
Administration Recovery (3%)*	\$0.00
Net Total Cost	\$1,869,234.53

ROUNDED \$1,870,000.00

**3% administration recovery is not applied as the construction phase of the project is funded through Gas Tax Grants*

TABLE 2: PROJECT FUNDING POSITION SUMMARY	
Capital Project	EN-1913-14
Approved Budget	\$3,516,500.00
Less: Exp. & Commitments to Date	(\$29,402.14)
Current Funds Remaining	\$3,487,097.86
Less: Net Total Cost	(\$1,869,234.53)
Balance Remaining	\$1,617,863.33

The project is not considered to be high 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 10% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this project.

The total tender cost is lower than the estimated budget, primarily as a result of a reduction in the scope of work. Road segments were deferred to future years to minimize construction impact to area residents and achieve cost efficiencies in combining the road works with future watermain rehabilitation. These deferred road segments will have both surface and watermain rehabilitation completed as part of a future capital project. The engineering estimate for the construction of this project for the revised scope was \$2,400,000.00, excluding H.S.T.

In addition, the overall tender pricing received was lower than the original estimates. As a result, any residual funds will be transferred back to the original funding source upon completion of the project.

Based on the review by staff, it is appropriate to award T15-277, 2015 Road Resurfacing/Rehabilitation Various Locations to Forest Contractors Ltd.

Staff has reviewed the submitted bids. Forest Contractors Ltd., who has completed similar projects, is deemed qualified to undertake this project. Therefore, it is appropriate to award this contract to the low bidder, Forest Contractors Ltd.

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of the report will assist in enhancing and maintaining community safety, health and wellness by ensuring that an appropriate level of service for the roadway conditions are maintained for the citizens of Vaughan.

Regional Implications

Not Applicable.

Conclusion

Staff recommends that this contract be awarded to Forest Contractors Ltd. in the amount of \$1,641,905.00, plus applicable taxes.

Attachments

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

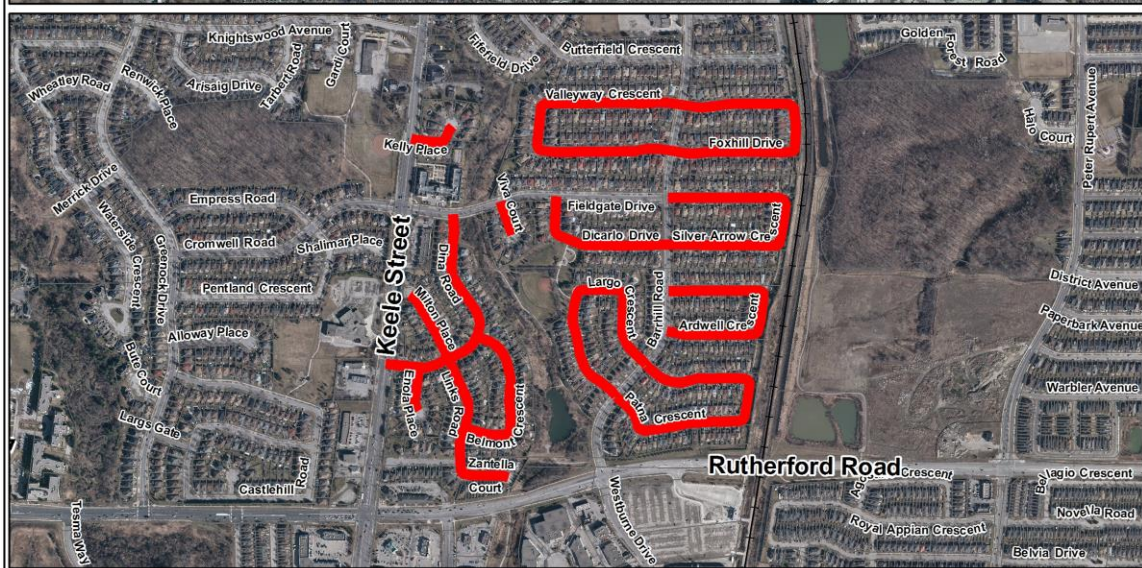
Respectfully submitted,

Paul Jankowski
Commissioner of Public Works

Jack Graziosi
Director of Capital Delivery
and Asset Management

JZ: cg

ATTACHMENT No.1



2015 Road Resurfacing / Rehabilitation Various Locations T15-277

LEGEND

— SUBJECT ROADS

Note: Aerial photography acquired in spring, 2014

