

## **COMMITTEE OF THE WHOLE - APRIL 3, 2012**

### **REQUEST FOR ADDITIONAL FUNDING – PROFESSIONAL SERVICES RFP08-015 – THORNHILL AREA ROAD RECONSTRUCTION, WATERMAIN REPLACEMENT AND STRUCTURE REHABILITATION/ REPLACEMENT WARD 5**

#### **Recommendation**

The Commissioner of Engineering and Public Works in consultation with the Director of Purchasing Services and the Director of Budgeting and Financial Planning recommends that Council approve:

1. Increasing the scope of the agreement and quantity of work for professional engineering services in the Thornhill Area road reconstruction, watermain replacement and structure rehabilitation/replacement project, to extend the contract duration and add design changes in reflection of earlier Council direction; and
2. Increasing the contract amount for RFP08-015, by \$53,000, to a total value of \$255,000, plus applicable taxes, to address the increases in scope and contingencies to fund the additional work, to be funded from surplus funds available in Capital Project EN-1654-07.

#### **Contribution to Sustainability**

The rehabilitation of the roads, watermain and structures for this project will ensure that an acceptable level of service by the City's infrastructure is maintained for the health and well being of its citizens.

#### **Economic Impact**

RFP08-015, Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation, funded from Capital Project EN-1655-07 for the preliminary and detailed design, was awarded by Council on March 31, 2008, to SNC Lavalin Inc., subject to Council's approval at a future date for the contract administration of this project.

The contract administration services, funded from Capital Project EN-1712-08, was awarded by summer hiatus on August, 27, 2009, to SNC Lavalin Inc. in the revised amount of \$182,000.00, with a contingency allowance of \$20,000.00, plus applicable taxes. This work is funded from Debenture funding in conjunction with the award of Contract T09-219 to Allto Construction Services Limited, the general contractor. This project has been completed and is awaiting debenture financing.

As sufficient funds are not available in Capital Project EN-1712-08, the additional funding request in the amount of \$53,000.00 can be funded using surplus funds available in Capital Project EN-1654-07. All project commitments and expenditures from Project EN-1654-07 have been completed. There is no impact associated with this request other than a reallocation of funds between pavement management project accounts.

#### **Communications Plan**

Not Applicable.

#### **Purpose**

To obtain Council approval for additional funding required to complete final payment for previously approved RFP08-015.

## **Background - Analysis and Options**

The City had a very aggressive construction schedule that required the contractor to mobilize additional crews to complete the project within the time stipulated in the contract. However, issues occurred during construction that required the City's consultant to spend additional time and effort to address and resolve.

Inclement weather and extra work resulted in additional working days to the contract. While the contractor fulfilled their contractual obligation for the substantial completion of the project, significant time was expended to rectify all the identified deficiencies. To maintain continuity in the administration of the project, the consultant was requested to continue to carry out the associated contract administration.

As a result of these activities there was additional time required for the consultant in the contract administration of the project. The total value for all additional contract administration was \$50,000, of which \$20,000 of the originally approved contingency allowance was utilized to pay for. This work was undertaken at the direction of the City and was in accordance with Departmental Policies and Procedures.

Capital projects tendered since this time now stipulate a completion date rather than a substantial completion date. This will ensure improved accountability by the general contractor, whereby liquated damages can be applied when construction activities extend beyond the completion date.

As part of Item 55, Report No. 40, of the Committee of the Whole, which was adopted without amendment by Council on September 7, 2010, recommended that:

- 1. The guardrails installed as part of the recent road project at the intersection of Jane and Elizabeth Street be removed as soon as possible.***
- 2. That the steel beam guardrails proposed for Brooke Street and Thornridge Drive not be installed.***

The consultant was also requested to carry out analyses to investigate the feasibility of removing the steel beam guiderail within the Historic District prior to Council direction. Staff have determined that approximately \$23,000 of expenses were incurred as a result of this increase in scope.

The increase in scope and additional contract administration costs are related to construction and can be funded within the associated approved Capital Budget EN-1654-07: 2007 Pavement Management Program.

Summarized in Table 1 is an illustration of the funding position for EN-1712-08 and the impact on Capital Project EN-1654-07;

TABLE 1

PROJECT FUNDING POSITION SUMMARY		
Capital Project	Pavement Management Project	
	EN-1712-08	EN-1654-07
Approved Budget	360,500	9,261,000
Less: Exp. & Commitments to Date	(350,380)	(9,086,398)
Current Funds Remaining	10,120	174,602
<b>Less: Additional Funding Request</b>		
- Expenses Incurred	50,500	
- Non- refundable HST (1.75%)	889	
- Treasury Administration (3%)	1,542	
Sub-total	(52,931)	
<b>Amount Exceeding Capital Project Budget</b>	<b>(42,811)</b>	
EN-1712-08 Balance Charged to EN-1654-07	<b>52,931</b>	<b>(52,931)</b>
<b>Balance Remaining</b>	<b>10,120</b>	<b>121,671</b>

#### 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 ensuring community safety, health & wellness; priorities previously set by Council. The road reconstruction and structure rehabilitation/replacement on Thornridge Drive, Charles Street, Raymond Drive, Calvin Chambers Road, Clarkhaven Street, Brooke Street, Elizabeth Street and Old Jane Street in Thornhill will ensure that the road surface quality and localized storm water management operate at an acceptable level of service. In addition, the watermain replacement on these roads will ensure that drinking water quality standards are maintained for the residents of Vaughan.

#### Regional Implications

Not Applicable.

#### Conclusion

The additional funds requested are required to pay the consultant for professional services provided, that were required to complete this project. The time and costs have been verified by Engineering Services staff. It is therefore appropriate to approve the payment of the funds as requested.

#### Attachments

1. Location Map

#### Report prepared by:

Gino Martino, B.A., C. Tech., Engineering Technologist - Capital, ext. 3151  
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Respectfully submitted,

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GM:mc

# ATTACHMENT No.1

