

COMMITTEE OF THE WHOLE - MARCH 25, 2008

AWARD OF PROPOSAL – RFP08-015 SELECTION OF CONSULTANT THORNHILL AREA ROAD RECONSTRUCTION WATERMAIN REPLACEMENT AND STRUCTURE REHABILITATION/REPLACEMENT

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Reserves and Investments and the Director of Purchasing Services recommends:

1. That the engineering consulting firm of SNC Lavalin Inc. be retained to provide engineering services for the preliminary and detail design of the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement at an estimated cost of \$227,270.00, excluding G.S.T.;
2. That a contingency allowance in the amount of \$23,000.00, excluding G.S.T. be approved within which the Commissioner of Engineering and Public Works or his designate is authorized to approve amendments to the Contract; and
3. That the Mayor and Clerk be authorized to sign an Engineering Agreement with SNC Lavalin Inc.

Economic Impact

The total cost of \$255,000.00 for the preliminary and detail design of this project is included in the approved 2006 Capital Budget (Project No. 1626-0-06) and 2007 Capital Budget (Project No. EN-1655-07) and as such, there is no additional economic impact to the approved Capital Budgets.

Communications Plan

Once this consultant assignment is awarded, staff will advise the Ward Sub-Committee and will send out the Engineering Services standard 'A' letter to the affected residents notifying them of this project. The public consultation process will be conducted in consultation with Staff, the Ward Sub-Committee and in accordance with the Class Environmental Process (EA).

Due to the nature of this project, there will likely be a keen interest from the area residents. All current information related to this project will be also be posted on the City web site.

Purpose

The purpose of this report is to seek Council approval to retain SNC Lavalin Inc. to provide engineering services for the preliminary design, detail design and construction administration for the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement pursuant to Request for Proposal (RFP08-015).

Background - Analysis and Options

Thornridge Drive, Charles Street, Raymond Drive, Clarkhaven Street, Calvin Chambers Road, Brooke Street, Elizabeth Street and Old Jane Street are all residential roads with a two lane rural cross section located at the south west corner of Yonge Street and Centre Street. (See Attachment No. 1). These roads are included in the City's 5 Year Pavement Management Program for complete reconstruction in 2007. Prior to commencement of design, it was decided in late 2006 that due to the character of the area and several occurrences of flooding, the City retain a consultant to investigate the problem and recommend mitigating measures. The

Thornhill Storm Drainage Improvements Study has been completed and has been filed for public review and comments. The recommended solutions identified in the drainage study may be included in the design for road reconstruction in the area. This would be both cost effective and will minimize the disturbance to the area residents.

Also included in the project is the replacement of the existing cast iron watermain on Charles Street, Raymond Drive, Clarkhaven Street, Calvin Chambers Road, Brooke Street and Old Jane Street and the rehabilitation and/or replacement of nine culverts in the project area.

In January 2008, the Purchasing Services Department issued Request for Proposal RFP08-015 to retain a consulting firm to provide professional engineering services in connection with the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement. In accordance with the City's Purchasing Policy for projects of this magnitude, the RFP was publicly advertised using the Electronic Tendering Network, the Ontario Public Buyer's Association and the Daily Commercial News.

In response to the RFP, proposal submissions were received on February 15, 2008 from SNC Lavalin Inc., Valdor Engineering Inc., IBI Group, Genivar Ontario Inc., Totten Sims Hubicki, URS Canada Inc., and SRM Associates for engineering services in connection with this project. The professional engineering fees include the preliminary design, detailed design and construction administration.

The evaluation committee reviewed and evaluated the proposals submitted based on the following:

- Project Understanding and Approach – 20%
- Work Plan and Project Management – 25%
- Firm Qualifications and Staff experience – 35%
- Engineering Fees – 20%

SNC Lavalin Inc. scored the highest number of points during evaluation. Based on staff's evaluation of the proposals, it is recommended that the proposal from SNC Lavalin Inc. be accepted at this time for preliminary and detail design and that an Engineering Agreement be executed.

The construction administration of this project was submitted in their proposal and was assessed in the overall project evaluation. SNC Lavalin Inc.'s fee for construction administration is \$5,107.18 per week with an estimated construction schedule of 40 weeks. Subject to Council approval at a future date for the construction of this project, it is anticipated that SNC Lavalin Inc. will be retained to provide contract administration and inspection services.

The total estimated cost for the project which includes preliminary design, detail design, a contingency allowance and all applicable taxes (G.S.T. is 100% recoverable) is \$255,000.00 and is calculated as follows:

SNC Lavalin Inc.	
Preliminary and Detail Design (excluding G.S.T.)	\$227,270.00
Contingency Allowance (10%)	<u>\$ 23,000.00</u>
Sub-Total	\$247,270.00
G.S.T. (5% amount is 100% recoverable)	\$ 12,363.50
Treasury Administration (3%)	<u>\$ 7,418.10</u>
Total	\$267,051.60
Less G.S.T. Recoverable	<u>\$(12,363.50)</u>
Total Cost	\$254,688.10
	ROUNDED \$255,000.00

Relationship to Vaughan Vision 2020

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness;
- Lead and Promote Environmental Sustainability; and
- Preserve our Heritage and Support Diversity, Arts & Culture

This report is consistent with the priorities previously set by Council.

Regional Implications

Region of York Transportation and Works Department will be advised of this City of Vaughan project.

Conclusion

Sufficient funding is available in the 2006 Capital Budget (Project No. 1626-0-06) and 2007 Capital Budget (Project No. EN-1655-07), to complete the preliminary and detailed design for this project. Therefore, staff recommend that this project be awarded to SNC Lavalin Inc. in the amount of \$227,270.00, plus G.S.T.

Attachments

1. Location Map

Report prepared by:

Pat Marcantonio, C.E.T., Senior Engineering Assistant, est. 3111
Tom Ungar, P. Eng., Manager, Design Services, ext. 3110

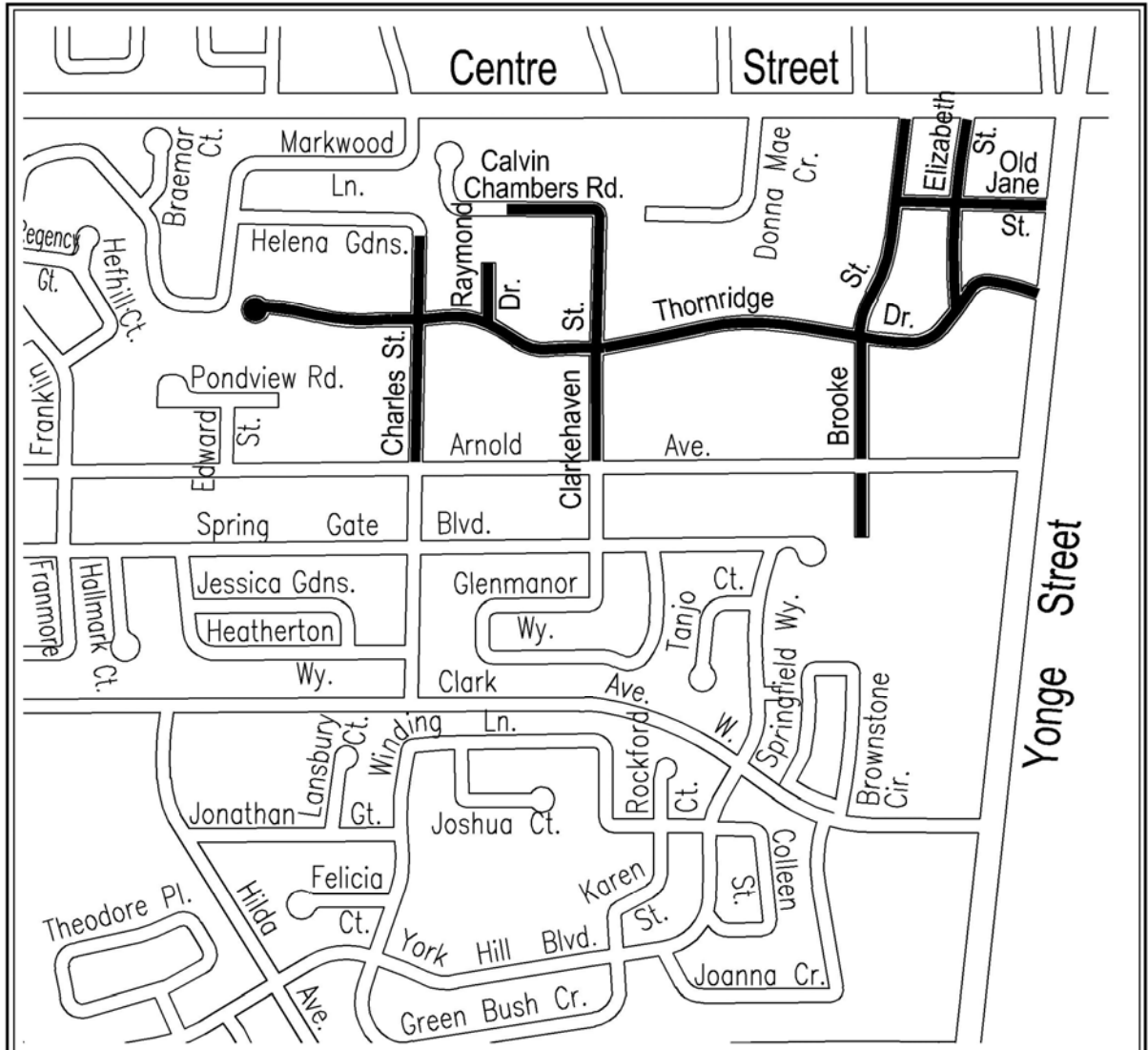
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Tom Ungar, P. Eng.
Manager, Design Services

PM:mc

ATTACHMENT No. 1

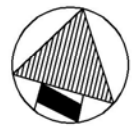


THORNHILL AREA
ROAD RECONSTRUCTION, WATERMAIN REPLACEMENT
and STRUCTURE REHABILITATION / REPLACEMENT
RFP 08 - 015

LOCATION : Part of Lots 29 & 30, Conc. 1

LEGEND

—— SUBJECT ROADS



NOT TO SCALE