

Clause 6 in Report No. 6 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on April 21, 2016.

6

Consultant Services for Site Coordination and Inspection
Services - St. John's Sideroad and Leslie Street, Town of Aurora

Committee of the Whole recommends adoption of the following recommendations contained in the report dated March 17, 2016 from the Commissioner of Transportation Services:

1. Council approve the award of the contract for Site Coordination and Inspection Services for St. John's Sideroad (Y.R. 26) widening from Bayview Avenue to Highway 404, and Leslie Street (Y.R. 12) widening from south of Wellington Street (Y.R. 15) to north of St. John's Sideroad (Y.R. 26), pursuant to Request for Proposal P-16-28 to AECOM Canada Ltd., at a total cost of \$2,499,236.82, excluding HST, and authorize the execution of the contract on behalf of the Region.
2. Council authorize the Commissioner of Transportation Services to adjust the purchase order for site coordination and site inspection fees using the unit price of up to \$15,000 per contract week, excluding taxes, and not exceeding the Capital Spending Authority for this project.

Report dated March 17, 2016 from the Commissioner of Transportation Services now follows:

1. Recommendations

It is recommended that:

1. Council approve the award of the contract for Site Coordination and Inspection Services for St. John's Sideroad (Y.R. 26) widening from Bayview Avenue to Highway 404, and Leslie Street (Y.R. 12) widening from south of Wellington Street (Y.R. 15) to north of St. John's Sideroad (Y.R. 26), pursuant to Request for Proposal P-16-28 to AECOM Canada Ltd., at a total cost of \$2,499,236.82, excluding HST, and authorize the execution of the contract on behalf of the Region.

2. Council authorize the Commissioner of Transportation Services to adjust the purchase order for site coordination and site inspection fees using the unit price of up to \$15,000 per contract week, excluding taxes, and not exceeding the Capital Spending Authority for this project.

2. Purpose

This report seeks Council authorization to enter into a contract with AECOM Canada Ltd. for site coordination and inspection services on St. John's Sideroad from Bayview Avenue to Highway 404, and on Leslie Street from south of Wellington Street to north of St. John's Sideroad, in the Town of Aurora.

In accordance with the Region's Purchasing Bylaw, Council authorization is required when a Request for Proposal has been issued and the recommended price is above \$2,000,000.

3. Background

Major road improvements to St. John's Sideroad and Leslie Street will commence in spring 2016

Leslie Street Class Environmental Assessment (EA) Study was completed in February 2012. The EA Study recommended the widening of Leslie Street to four lanes between Wellington Street and Mulock Drive.

St. John's Sideroad Class Environmental Assessment Addendum (EAA) Study was completed in October 2012. The EAA Study recommended the widening of St. John's Sideroad to four lanes between Bayview Avenue and Leslie Street, and to upgrade St. John's Sideroad to current Regional road standards between Leslie Street and Highway 404.

The first phase of construction on Leslie Street, from north of St. John's Sideroad to north of Mulock Drive in the Town of Newmarket, started in 2015 and is expected to be completed by summer 2017. The remaining segment, from north of St. John's Sideroad to south of Wellington Street in the Town of Aurora, will be combined with the construction of St. John's Sideroad. A location plan is shown on Attachment 1.

A combined contract package for St. John's Sideroad and Leslie Street has been tendered. Construction on St. John's Sideroad is anticipated to commence in spring 2016 and Leslie Street in 2017.

Due to the complexity of proposed work and significant staff resources required, it is recommended an engineering firm be retained to provide site coordination and inspection services

In addition to road reconstruction and widening, improvements to St. John's Sideroad and Leslie Street will be complicated, with specialty inspection needed for works including bridges, pedestrian underpasses, structural drainage culverts, decommissioning and recommissioning of large watermains, traffic signals and illumination.

The complexity of the proposed work will require significant staff resources to ensure construction work meets Regional standards and specifications. Due to the number of construction projects planned for 2016 and 2017, existing staff resources will not be adequate.

In addition, inspection for bridge rehabilitation works on behalf of the Ministry of Transportation (MTO) will need to be provided by a firm that is approved under MTO's pre-qualification system.

It is recommended an engineering firm be retained to provide site coordination and inspection services for the Region and MTO work.

4. Analysis and Options

The Region's standard process for procuring engineering services was followed

The Region's standard process for procuring engineering services was followed, and included the following five phases:

- Issued a Request for Pre-Qualification
- Issued Request for Proposals (RFP) to the three highest scoring firms from Pre-Qualification
- Evaluated proposals using a two-envelope system
- Combined technical and financial scores to achieve a total score
- Award contract to the highest total score

The Supplies and Services Branch issued a Request for Pre-Qualification (RFPQ) P-15-193 on November 19, 2015 for site coordination and inspection services, and five engineering consulting firms expressed interest.

The Supplies and Services Branch issued RFP P-16-28 to the three firms who achieved the highest score under the RFPQ process. The three firms invited to submit a proposal in response to RFP P-16-28 were:

- AECOM Canada Ltd.
- Highway Construction Inspection Ontario Inc. (HCIO)
- MMM Group Limited

The two-envelope system requires the technical proposal and the financial proposal be submitted in two separate envelopes. The proposals were evaluated based on a weighting of 80 per cent for the technical component and 20 per cent for the financial component. The proponents, their technical scores and proposed upset limit fees are shown in Table 1.

Table 1
Evaluation Summary

Firm	Technical Score (out of 80)	Upset Fee (excluding HST)	Financial Score (out of 20)	Total Score (out of 100)
AECOM Canada Ltd.	55.78	\$2,499,236.82	20.00	75.78
MMM Group Limited	54.60	\$2,567,041.00	19.47	74.08
Highway Construction Inspection Ontario Inc. (HCIO) *	N/A	N/A	N/A	N/A

* HCIO did not submit a proposal as some of their key staff were no longer available

The proposal from AECOM Canada Ltd. achieved the highest total score in response to RFP P-16-28

The proposal from AECOM Canada Ltd. scored the highest technical score, illustrating their better understanding of key issues and details including:

- Project understanding/scope
- Discussion of key project issues
- Detailed budget development and control mechanisms

Link to key Council-approved plans

This report links to the following Council-approved plans and policies:

Regional Official Plan

- Invest in infrastructure to support job creation, strengthen the Regional economy and ensure an equal integration between economic vitality, the natural environment and healthy communities
- Ensure the efficient movement of goods and services in Regional centres and corridors through effective planning, urban design and infrastructure planning and deliver context sensitive infrastructure
- Achieve attractive and vibrant urban Regional corridors that link Regional centres
- Reduce automobile dependence by enhancing an active transportation system and programs that encourage residents and workers to walk, cycle, take transit, and carpool

Vision 2051

- Include livable cities, complete communities and interconnected systems for mobility through a network of complete streets

2015 to 2019 Strategic Plan

- Provide needed infrastructure to manage traffic congestion and support sustainable growth along Regional corridors
- Improve existing transportation network, enhance transit operations and improve employment potential of the lands

5. Financial Implications

The total upset limit fee of \$2,499,236.82 will be funded from 90 per cent development charges and 10 per cent tax levy

The upset limit fee submitted by AECOM Canada Ltd. for site coordination and inspection services is \$2,499,236.82, excluding HST. The fee includes recovery from Town of Aurora and MTO for work completed on their behalf.

Should the actual duration of the contract go beyond the time specified in the contract documents, it is recommended that the Commissioner of Transportation Services be authorized to adjust the purchase order by an amount up to \$15,000 per week, excluding HST, within the Capital Spending Authority for this project.

The site coordination and inspection costs for this project have been included in the 2016 10-Year Capital Budget, and the upset limit is within the approved 2016 Capital Spending Authority. All expenditures for this project will be funded 90 per cent from development charges and 10 per cent from tax levy, except for the work for MTO and the Town of Aurora, which will be funded by respective stakeholders.

6. Local Municipal Impact

Road improvements to St. John's Sideroad from Bayview Avenue to Highway 404, and Leslie Street from Wellington Street to north of St. John's Sideroad will address the rapid pace of development and traffic growth in the area.

Throughout the course of this assignment, Regional staff will work with staff from Town of Aurora, Town of Newmarket and MTO to address any local municipal requirements.

7. Conclusion

Proposals from two engineering firms for the provision of site coordination and inspection services were evaluated in accordance with Regional policy, bylaws and practices. The proposal submitted by AECOM Canada Ltd. achieved the highest total score and had the lowest price. The AECOM Canada Ltd. proposal represents the best overall value to the Region.

It is recommended the contract for site coordination and inspection services for St. John's Sideroad widening from Bayview Avenue to Highway 404, and Leslie Street widening from south of Wellington Street to north of St. John's Sideroad, be awarded to AECOM Canada Ltd., as the successful proponent under Request for Proposal P-16-28.

It is also recommended the Commissioner of Transportation Services be authorized to adjust the purchase order for site coordination and site inspection fees using the unit price of up to \$15,000 per contract week, excluding taxes, and not exceeding the Capital Spending Authority for this project.

For more information on this report, please contact Salim Alibhai, Director, Capital Planning and Delivery at ext. 75229.

Consultant Services for Site Coordination and Inspection Services
St. John's Sideroad and Leslie Street Town of Aurora

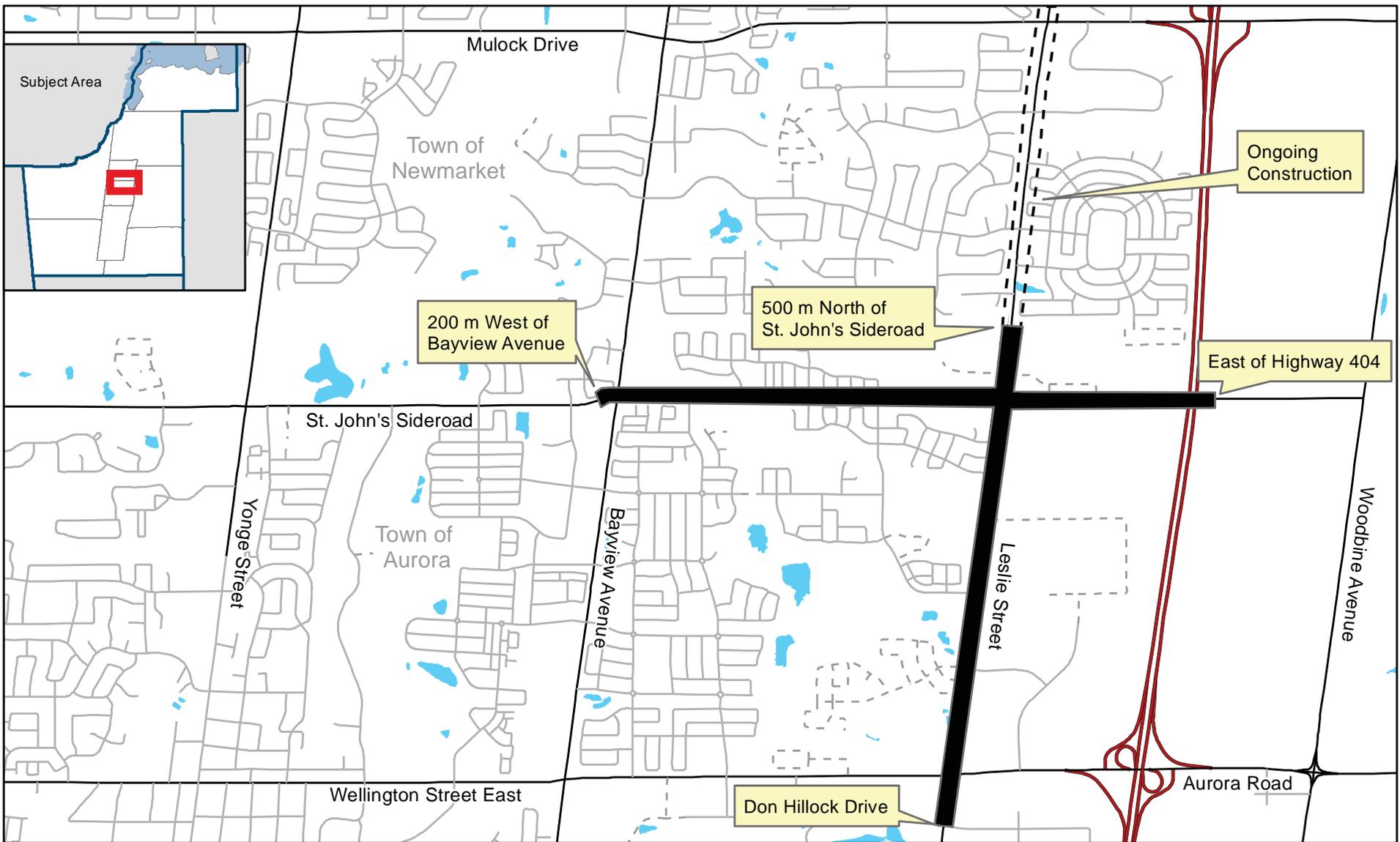
The Senior Management Group has reviewed this report.

March 17, 2016

Attachment (1)

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Accessible formats or communication supports are available upon request

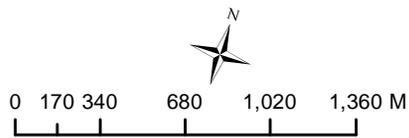


Consultant Services for Site Coordination and Inspection Services
St. John's Sideroad and Leslie Street, Town of Aurora
 April 7, 2016

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Legend

-  Project Limits
-  Ongoing Construction
-  Provincial Highway
-  Regional Road
-  Local Road
-  Proposed Road