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DATE: August 31, 2011

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES FOR A SCHEDULE 'C' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT FOR STEELES AVENUE (REGIONAL ROAD 15) FROM CHINGUACOUSY ROAD TO WINSTON CHURCHILL BOULEVARD, CAPITAL PROJECT 11- 4330 CITY OF BRAMPTON, WARD 6**

FROM: Dan Labrecque, Commissioner of Public Works

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#### **RECOMMENDATION**

That the contract (Document 2011-310P), for Professional Engineering services for a Schedule 'C' Municipal Class Environmental Assessment for Steeles Avenue (Regional Road 15) from Chinguacousy Road to Winston Churchill Boulevard in the City of Brampton, be awarded to AMEC Earth and Environmental, a Division of AMEC Americas Limited in the estimated amount of \$496,218 (excluding applicable taxes), under Capital Project 11-4330, in accordance with Purchasing By-law 63-2008.

#### **REPORT HIGHLIGHTS**

- The Region of Peel's "Long Range Transportation Plan (2005)" identified the need for improvements to Steeles Avenue (Regional Road 15) from Chinguacousy Road to Winston Churchill Boulevard (Appendix I) to meet the future transportation requirements for this corridor in the City of Brampton.
- The Region prepared Terms of Reference to retain consulting services for the environmental assessment works associated with this road improvement. Five consultants were invited to make a competitive submission for this Schedule 'C' Municipal Class Environmental Assessment project. AMEC Earth and Environmental is recommended for award.
- This Municipal Class Environmental Assessment will recommend improvements to address the future transportation requirements for this corridor for the planning horizon year of 2031. This project supports Region's Strategic Plan Goals relating to Transportation and will assist in implementing the Term of Council Priorities (2011-2014) of updating the Long Range Transportation Plan and implementing the recommendations of the Region's Active Transportation Plan.

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**DISCUSSION**

**1. Background**

Steeles Avenue (Regional Road 15) is currently a four lane road from Chinguacousy Road to Winston Churchill Boulevard. The Region of Peel's "Long Range Transportation Plan (2005)" identified the need for improvements to this section of Steeles Avenue to address the future transportation demand for this corridor for the planning horizon year of 2031.

The Region of Peel plans to initiate a Schedule 'C' Municipal Class Environmental Assessment and recommend improvements to address the future transportation requirements for this corridor. Staff prepared the Terms of Reference for this project in consultation with staff from the City of Brampton and the Credit Valley Conservation Authority. This project supports the Region's Strategic Plan Goal of Transportation and will assist in implementing the Term of Council Priorities (2011-2014) of updating the Long Range Transportation Plan and implementing recommendations of the Region's Active Transportation Plan.

This project will integrate the improvements by the Region of Peel and City of Brampton along Steeles Avenue at the intersections of:

- Mississauga Road;
- Financial Drive; and
- Chinguacousy Road/Mavis Road

Findings from this project will be used as part of the Region's input to the:

- City of Brampton Bram-West Parkway Environmental Assessment; and
- the future Environmental Assessment for the Halton-Peel Freeway

Project details and preliminary milestone dates are provided in Appendix II.

**2. Procurement Process**

The Region of Peel issued Request for Proposal 2011-310P to the following consulting engineering firms: HDR Corporation (HDR), Urban & Environmental Management Inc. (UEM), AMEC Earth and Environmental, a division of AMEC Americas Limited (AMEC), Morrison Hershfield Limited (MHL), and McCormick Rankin Corporation (MRC). All five consulting engineering firms submitted proposals on time and the documents were found to be in order.

The proposals are submitted in two parts; the first being the technical component and the second part being the pricing component. The technical evaluation team reviewed the proposal in accordance with the set criteria. The criteria includes the consultant's understanding of the project, work plan (methodology), value added services, qualifications and experience of the proposed personnel, the consultant's previous experience with similar projects, schedule and estimated cost to complete the assignment. The evaluation of the technical portion concluded that four of the five proposals were fairly equal. Upon completion of the technical evaluation, the Purchasing representative completes the financial analysis. The scores are then combined and the overall ranking determined. The final evaluation summary is as follows:

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Vendor Name	Technical (80 per cent)	Financial (20 per cent)	Price submitted	Overall Ranking
AMEC Burlington, ON	4	1	\$496,218	1
HDR Richmond Hill, ON	3	2	\$548,663	2
MRC Mississauga, ON	1	3	\$692,031	3
MHL Toronto, ON	2	4	\$988,800	4

The proposal by AMEC received the highest overall score when assessing the combination of technical proficiency and price. The consultant demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach and presented an experienced project team. The staff evaluation committee has concluded that the proposal submitted by AMEC provides the best overall value to the Region.

**FINANCIAL IMPLICATIONS**

Sufficient funding is available under Capital Project 11-4330, in the 2011 budget year.

*Tom Slone*

for Dan Labrecque  
Commissioner of Public Works

**Approved for Submission:**

*David Szwarc*

D. Szwarc, Chief Administrative Officer

For further information regarding this report, please contact Hitesh Topiwala at extension 7805 or via email at [hitesh.topiwala@peelregion.ca](mailto:hitesh.topiwala@peelregion.ca)

Authoring By: Hitesh Topiwala

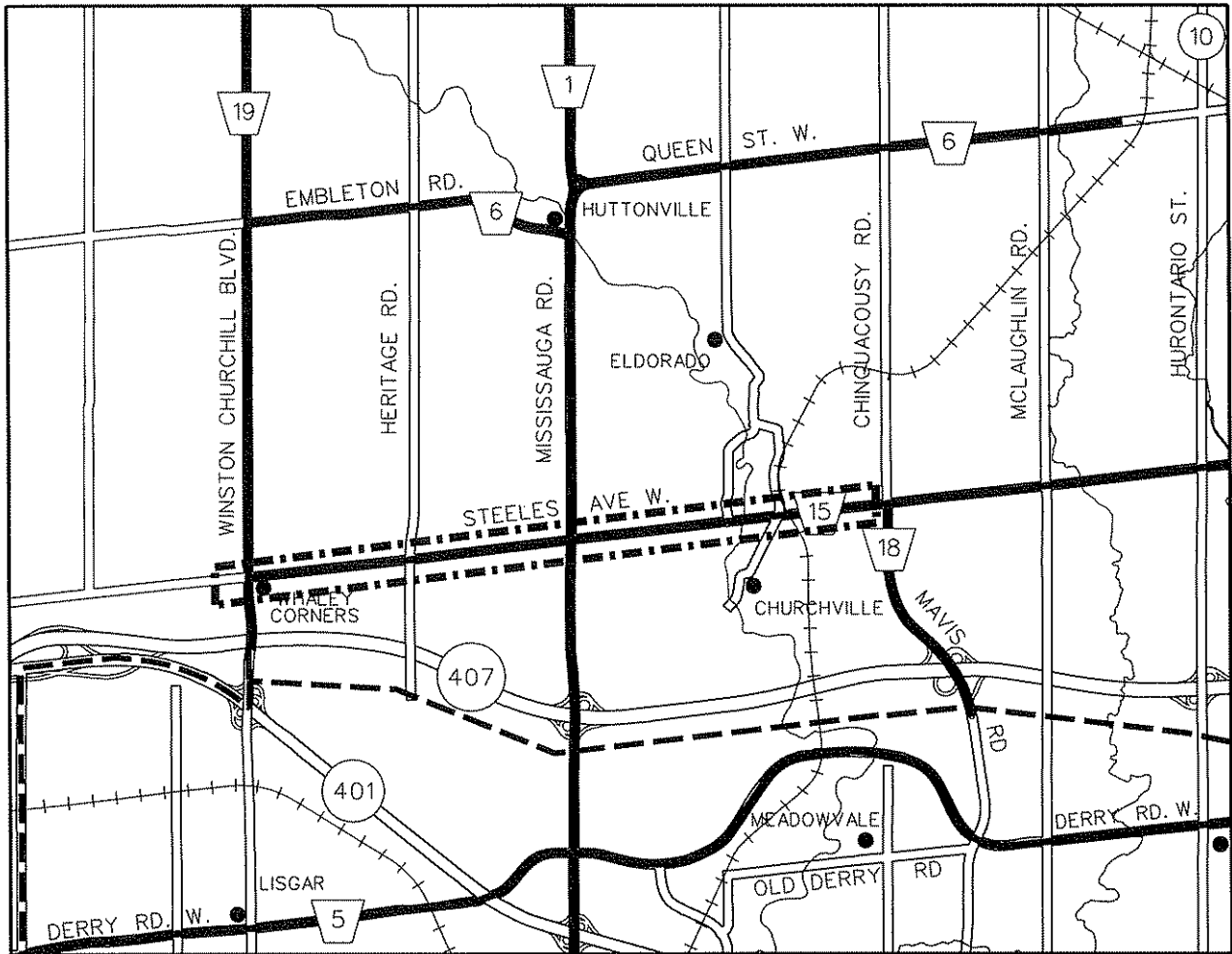
c. Legislative Services  
J. Macintyre, Director, Purchasing  
Manager, Financial Support Unit (FSU)

# APPENDIX I

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**PROFESSIONAL ENGINEERING SERVICES FOR A SCHEDULE "C"  
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STUDY AREA LIMIT      - - - - -



# APPENDIX II

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**PROFESSIONAL ENGINEERING SERVICES FOR A SCHEDULE "C"  
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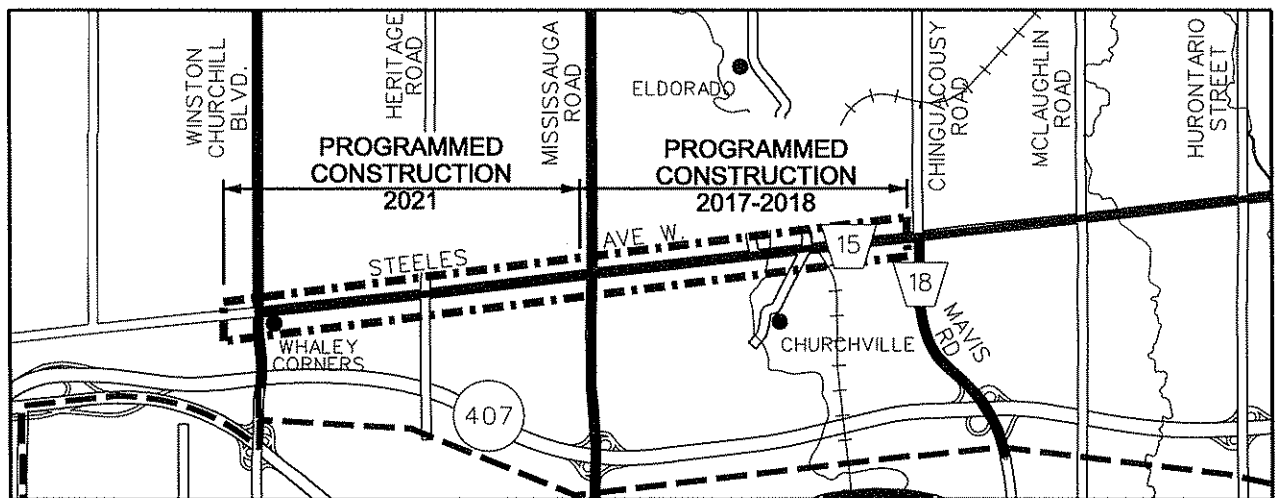
**PROJECT DETAILS:**

This project will be carried out in accordance with a Schedule 'C' Municipal Class Environmental Assessment process entailing a minimum of two public meetings. Anticipated key milestone timelines for this project include:

- Project Award: Fall 2011
- First PIC: Winter 2012
- Second PIC: Fall 2012
- Project Filing to the Ministry of the Environment: Winter 2013

The Region's 2011 Capital Program shows the programmed timelines for the construction of the recommended improvements to this section of Steeles Avenue as:

- 2017-2018 for the section from Chinguacousy Road to Mississauga Road; and
- 2021 for the section west of Mississauga Road to Winston Churchill Boulevard.



STUDY AREA LIMIT - - - - -