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DATE: June 12, 2009

REPORT TITLE: **MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT FOR WIDENING OF REGIONAL ROAD 107 (BOVAIRD DRIVE) FROM LAKE LOUISE DRIVE/WORTHINGTON AVENUE TO 1.45KM WEST OF HERITAGE ROAD CAPITAL PROJECT 09-4360 DOCUMENT 2009-139P CITY OF BRAMPTON, WARD 6**

FROM: Dan Labrecque, Commissioner of Environment, Transportation and Planning Services

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#### **RECOMMENDATION**

**That the contract (Document 2009-139P) for consulting services for a Schedule 'C' Class Environmental Assessment for widening of Regional Road 107 (Bovaird Drive) from Lake Louise Drive/Worthington Avenue to 1.45km west of Heritage Road be awarded to AMEC Earth and Environmental, A Division of AMEC Americas Limited, in the estimated amount of \$562,787 (excluding applicable taxes), under Capital Project 09-4360, in accordance with Purchasing By-law 63-2008;**

**And further, that additional funds in the amount of \$120,000 be provided to Capital Project 09-4360, financed from the Roads Development Charges Reserves, R3505;**

**And further, that the required documents be executed by duly authorized signing officers of the Regional Corporation.**

#### **REPORT HIGHLIGHTS**

- The Region of Peel's Long Range Transportation Plan identified the need for widening of Regional Road 107 (Bovaird Drive) from Lake Louise Drive/Worthington Avenue to 1.45km west of Heritage Road (Appendix I) to meet the existing and future traffic demand for this corridor.
- Request for Proposal (2009-139P) to complete a Schedule 'C' Class Environmental Assessment (EA) for Bovaird Drive was issued to six consulting engineering firms.
- Based on the Evaluation Committee review and evaluation, it is recommended that AMEC Earth and Environmental, A Division of AMEC Americas Limited be retained to undertake Capital Project 09-4360, for the estimated fee of \$562,787 (excluding applicable taxes).
- Additional funding is required to cover the internal charges for project administration, internal and external communications and presentations. It is proposed that additional funds for Capital Project 09-4360, in the amount of \$120,000 be financed from Road Development Charges Reserve, R3505.
- The anticipated timelines to carry out the first phase of recommended improvements are from 2013 to 2015.

June 12, 2009

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**DISCUSSION**

**1. Background**

Bovaird Drive is a combination of a four lane semi-urban and a two lane rural road, from Lake Louise Drive/Worthington Avenue to the Peel/Halton Boundary. The section west of Mississauga Road to the Peel/Halton boundary is a two lane rural road. The section east of Mississauga Road to just west of Ashby Field Drive is currently under detailed design and is expected to be widened to four lanes by 2011. The section east of Ashby Field up to Lake Louise Drive/Worthington Avenue was widened to four lanes in 2007 including addition of a structure at the CN Rail grade separation with provision of 3 lanes in east bound direction only.

The Region of Peel's Long Range Transportation Plan identified the need for widening Bovaird Drive from Lake Louise Drive/Worthington Avenue to the Peel/Halton Boundary to meet the existing and future traffic demand for this corridor. The Long Range Transportation Plan suggests widening this section of Bovaird Drive to six lanes.

**2. Proposed Direction**

The Region of Peel plans to initiate a Schedule 'C' Class Environmental Assessment (EA) project for widening of Bovaird Drive from Lake Louise Drive/Worthington Avenue to 1.45km west of Heritage Road (Appendix I) to evaluate the road structural deficiency and capacity requirements to service existing and future traffic demands and establish timelines for the lane widening requirements to the 2031 horizon year. The Environmental Assessment will recommend the necessary improvements on Bovaird Drive and establish an implementation schedule and cost estimates. The recommendations and details of previous and current capital projects and transportation studies i.e. Region of Peel's Long Range Transportation Plan, City of Brampton's Transportation and Transit Master Plan and the Peel-Halton Boundary Area Transportation Study will be considered in the EA project. It is anticipated that the need for six lane widening will be up to the future North-South Corridor.

The Capital Program timelines and budget estimates will be updated based on the recommendations of the Environmental Assessment. The anticipated timelines to carry out the first phase of recommended improvements are from 2013 to 2015.

**3. Selection Process for Consulting Services**

The Region of Peel issued a Request for Proposal (RFP) Document 2009-139P to six consulting engineering firms for a Schedule 'C' Class Environmental Assessment for widening Bovaird Drive from Lake Louise Drive/Worthington Avenue to 1.45km west of Heritage Road.

Four consultants submitted proposals on time. The proposals were reviewed and evaluated by a staff evaluation committee. The evaluation criteria included the consultants' understanding of the project, compliance with the terms of reference, the proposed methodology, qualifications and experience of the proposed staff, the consultants' previous

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experience on similar projects, schedule and estimated cost to complete the assignment. All submitted proposals were found to be in order. The evaluation summary is as follows:

Vendor Name	Location	Overall Ranking	Technical (80 %)	Financial (20 %)
AMEC Earth and Environmental	Burlington, ON	1	2	2
AECOM	Mississauga, ON	2	1	4
Lea Consulting	Markham, ON	3	3	3
Ainley Group	Collingwood, ON	3	4	1

AMEC Earth and Environmental's proposal 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. Staff has concluded that AMEC Earth and Environmental's proposal provides the best overall value to the Region of Peel.

## FINANCIAL IMPLICATIONS

Based on the Evaluation Committee review and evaluation, it is recommended that AMEC Earth and Environmental be retained to undertake Capital Project 09-4360, for the estimated fee of \$562,787 (excluding applicable taxes). The approved budget for Capital Project 09-4360 is \$600,000.

The total estimated cost for a Schedule 'C' Class Environmental Assessment for widening Bovaird Drive from Lake Louise Drive/Worthington Avenue to 1.45km west of Heritage Road is \$720,000. Additional funding in the amount of \$120,000 is required to cover internal charges for project administration, internal and external communications and presentations. This amount includes \$30,000 for GST.

It is proposed that additional funds of \$120,000 (excluding applicable taxes) be provided to Capital project 09-4360, financed from the Road Development Charges Reserve, R3505.

## CONCLUSION

The Region of Peel's Long Range Transportation Plan identified the need for widening Bovaird Drive from Lake Louise Drive/Worthington Avenue to 1.45 km west of Heritage Road to meet the traffic demand needs for growth within the Region of Peel.

June 12, 2009

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AMEC Earth and Environmental has submitted a proposal that best meets the Region's requirements and has therefore been recommended for award of the contract to complete a Schedule 'C' Class Environmental Assessment for Bovaird Drive.



Dan Labrecque  
Commissioner of Environment, Transportation  
and Planning Services

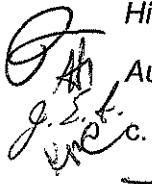
**Approved for Submission:**



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D. Szwarc, Chief Administrative Officer

*For further information regarding this report, please contact  
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Authored By: Hitesh Topiwala

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

# APPENDIX I

June 9 2009



**MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT  
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