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DATE: April 9, 2012

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES TO SUPPORT A SCHEDULE 'C' CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR IMPROVEMENTS TO REGIONAL ROAD 7 (AIRPORT ROAD) FROM 1.0 KM NORTH OF REGIONAL ROAD 14 (MAYFIELD ROAD) TO 0.6 KM NORTH OF REGIONAL ROAD 9 (KING STREET), CAPITAL PROJECT 12-4380, DOCUMENT 2012-050P TOWN OF CALEDON, WARD 2**

FROM: Dan Labrecque, Commissioner of Public Works

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#### RECOMMENDATION

That the contract (Document 2012-050P) for professional engineering services to support a Schedule 'C' Class Environmental Assessment Study for improvements to Airport Road from 1.0 km north of Mayfield Road to 0.6 km north of King Street, in the Town of Caledon, be awarded to IBI Group in the estimated amount of \$302,650 (excluding applicable taxes), under Capital Project 12-4380, in accordance with Purchasing By-law 63-2008.

#### REPORT HIGHLIGHTS

- Capital Project 12-4380 involves professional engineering services for preparation of the technical studies to support a Schedule 'C' Environmental Assessment (EA) Study, for the widening of Airport Road (two to four lanes) from 1.0 km north of Mayfield Road to 0.6 km north of King Street, including the hamlet of Sandhill, as shown on Appendix I.
- Staff will conduct work associated with this EA in-house including 30 per cent detailed design, property requirements and utility relocation plans. The professional engineering firm will be responsible for preparation of technical reports (e.g., Natural Environment Assessment, Archaeological Assessment).
- The Request for Proposal Document 2012-050P was competitively issued and IBI Group is recommended for award as representing the best overall value to the Region.

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## **DISCUSSION**

### **1. Background**

Airport Road (Regional Road 7) is a major north-south arterial road in the Region of Peel. Currently, Airport Road is a two-lane road with a 36m (118 feet) right-of-way as designated by the Region's Official Plan 2005. The draft Region's Long Range Transportation Plan (LRTP) updated in 2011 identified the need for improvements to Airport Road from two to four lanes by the 2031 planning horizon in order to accommodate future growth. The updated LRTP recommends a 45m (148 feet) right-of-way for Airport Road. South of the project study limits, Airport Road was reconstructed from a two to a four lane road in 2010.

The Region of Peel has initiated a Schedule 'C' Class EA study including 30 per cent detailed design for improvements to Airport Road from 1.0 km north of Mayfield Road to 0.6 km north of King Street (approximately 5.8 km) in the Town of Caledon. Airport Road supports a considerable volume of commuter traffic and is an important truck route within the Region. The current posted speed limit along Airport Road is 80 km/hr throughout most of the project limits and 60 km/hr through the hamlet of Sandhill.

The study will review traffic mobility and the various planning alternatives including the widening of the roadway. The recommendations and details of previous and current capital projects and transportation studies (i.e. Peel Active Transportation Study, Goods Movement and Regional Road Characterization studies) will be considered in this EA study. This study will also take into consideration the Interim Control By-law established by the Town of Caledon for the hamlet of Sandhill.

The objectives of this study are:

- To reconfirm the need to widen Airport Road to four lanes;
- To evaluate the current road structure to service existing and future traffic demands;
- Make recommendations to improve traffic operations and the level of safety along Airport Road within the study limits; and
- To establish an implementation schedule and cost estimates for road improvements to the 2031 horizon year.

Anticipated timelines for the Airport Road EA are as follows:

- Project Award in Spring 2012;
- Public Information Center (PIC) 1 in Fall 2012;
- PIC 2 in Winter 2013; and
- EA completion in Summer 2013.

Construction for the two to four lane widening is scheduled to start in 2017.

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## 2. Procurement Process

The Region of Peel issued a Request for Proposal (RFP) Document 2012-050P to six consulting engineering firms; AECOM, Dillon Consulting Limited, Genivar Incorporated, IBI Group, MMM Group Limited and SNC - Lavalin Group Incorporated.

Four professional 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 the financial component. The Technical Evaluation Team reviews the submissions in accordance with set criteria. The evaluation 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. Upon completion of the technical evaluation; shortlisted proponents proceed to the pricing component. The purchasing representative completes the financial analysis. The scores are then combined and the overall ranking determined.

The evaluation summary is as follows:

Vendor Name	Technical (80 per cent)	Financial (20 per cent)	Price Submitted	Overall Ranking
IBI Group Toronto, ON	2	1	\$302,650.00	1
Dillon Consulting Toronto, ON	1	2	\$319,363.00	1
MMM Group Limited Thornhill, ON	3	3	\$342,970.00	3

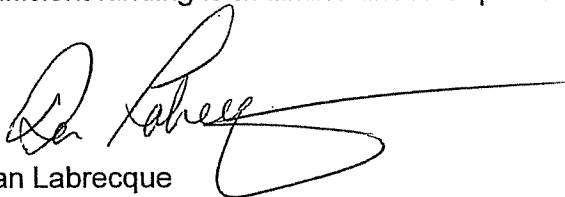
The proposal submitted by IBI Group received the highest overall score when assessing the combination of technical proficiency and price. The consultant demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach and presented an experienced project team. The staff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

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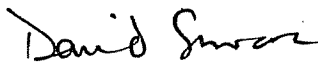
**FINANCIAL IMPLICATIONS**

Sufficient funding is available under Capital Project 12-4380.





Dan Labrecque  
Commissioner of Public Works




**Approved for Submission:**



D. Szwarc, Chief Administrative Officer

 For further information regarding this report, please contact Steve Ganesh at extension 7824 or via email at [steve.ganesh@peelregion.ca](mailto:steve.ganesh@peelregion.ca)

 Authored By: Steve Ganesh

 c. Legislative Services  
 Manager, Financial Support Unit (FSU)  
 L. Morrow, Acting Director, Purchasing

# APPENDIX I

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**PROFESSIONAL ENGINEERING SERVICES TO SUPPORT A SCHEDULE 'C'  
CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR IMPROVEMENTS  
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DOCUMENT 2012-050P  
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