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DATE: April 10, 2012

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES FOR A SCHEDULE 'C' CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR IMPROVEMENTS TO REGIONAL ROAD 19 (WINSTON CHURCHILL BOULEVARD), REGIONAL ROAD 11 (BUSH STREET), REGIONAL ROAD 1 (MISSISSAUGA ROAD/OLD MAIN STREET) AND REGIONAL ROAD 12 (OLDE BASELINE ROAD), CAPITAL PROJECT 11-4360 DOCUMENT 2011-660P TOWN OF CALEDON, WARD 1 AND WARD 2**

FROM: Dan Labrecque, Commissioner of Public Works

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#### RECOMMENDATION

That the contract (Document 2011-660P) for Professional Engineering services for a Schedule 'C' Class Environmental Assessment Study for improvements to Winston Churchill Boulevard, Bush Street, Old Main Street, Mississauga Road and Olde Baseline Road, in the Town of Caledon, be awarded to HDR Corporation in the estimated amount of \$700,655.89 (excluding applicable taxes), under Capital Project 11-4360, in accordance with Purchasing By-law 63-2008.

#### REPORT HIGHLIGHTS

- Capital Project 11-4360 involves completing a Schedule 'C' Environmental Assessment Study, for reconstruction / improvements on sections of Winston Churchill Boulevard, Mississauga Road, Bush Street, Old Main Street and Olde Base Line Road, as shown on Appendix I.
- Capital Project 11-4360 will build upon the findings of the work completed under Capital Project 09-4370, for the Mississauga Road and Bush Street Environmental Assessment project.
- This project will include completing 30 per cent detailed design, property requirements and utility relocation plans.
- The Request for Proposal Document 2011-660P was competitively bid and HDR Corporation is recommended for award as representing the best overall value to the Region.

April 10, 2012

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ENVIRONMENTAL ASSESSMENT STUDY FOR IMPROVEMENTS TO REGIONAL ROAD 19  
(WINSTON CHURCHILL BOULEVARD), REGIONAL ROAD 11 (BUSH STREET), REGIONAL  
ROAD 1 (MISSISSAUGA ROAD/OLD MAIN STREET) AND REGIONAL ROAD 12 (OLDE  
BASELINE ROAD),  
CAPITAL PROJECT 11-4360  
DOCUMENT 2011-660P  
TOWN OF CALEDON, WARD 1 AND WARD 2**

**DISCUSSION**

**1. Background**

In 2009, the Region initiated Capital Project 09-4370 to undertake an Environmental Assessment for the reconstruction of Mississauga Road and Bush Street from Olde Baseline Road to Winston Churchill Boulevard. The study identified the following issues:

- Deteriorated pavement conditions;
- Inadequate drainage and ditches along the corridor;
- Substandard road and intersection geometry; and
- No provisions for pedestrians and bicyclists.

Capital Project 11-4360 involves completing a Schedule 'C' Environmental Assessment for Winston Churchill Boulevard, Olde Baseline Road, Mississauga Road, Old Main Street and Bush Street. A map showing the combined study area is attached in Appendix I. This project supports the Region's Strategic Plan Goal of Transportation and will support the implementation of Regional initiatives such as:

- The Long Range Transportation Plan;
- The Active Transportation Plan; and
- The Regional Road Characterization Study.

This project will improve our understanding of the overall transportation network in the area and enable us to apply an approach which balances mobility, community objectives and the environment to address problems and opportunities including:

- Road and intersection geometry;
- Traffic operations and safety;
- Pavement rehabilitation and reconstruction;
- Drainage and Stormwater management requirements;
- Opportunities for potential use of roundabout;
- Protect the natural environment and the rural character of the roads; and
- Incorporate active transportation facilities.

Anticipated timelines for key milestones are included in Appendix I.

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## 2. Procurement Process

The Region of Peel issued Request for Proposal (Document 2011-660P) to five consulting engineering firms; Dillon Consulting Limited, HDR Corporation, McCormick Rankin Corporation, Cole Engineering Group Limited and Chisholm Fleming and Associates.

Four consulting engineering firms submitted proposal on time and the documents were found to be in order. The proposals are submitted and evaluated 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. Upon completion of the technical evaluation; short listed proponents proceed to the pricing component. The Purchasing representative completes the financial analysis. The scores are then combined and the overall ranking determined.

The final evaluation summary is as follows:

<b>Vendor Name</b>	<b>Technical (80 per cent)</b>	<b>Financial (20 per cent)</b>	<b>Price Submitted</b>	<b>Overall Ranking</b>
HDR Corporation Cambridge, ON	1	1	\$700,655.89	1
Dillon Consulting Limited, Oakville, ON	2	2	\$799,201.00	2

The proposal by HDR Corporation 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 HDR Corporation provides the best overall value to the Region.

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DOCUMENT 2011-660P  
TOWN OF CALEDON, WARD 1 AND WARD 2**

**FINANCIAL IMPLICATIONS**

Sufficient funding is available under Capital Project 11-4360.








Dan Labrecque  
Commissioner of Public Works

**Approved for Submission:**



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)

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 Legislative Services  
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 J. Morrow, Acting Director, Purchasing

# APPENDIX I

PW- A2-5



April 10, 2012

**PROFESSIONAL ENGINEERING SERVICES FOR A  
SCHEDULE 'C' CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR  
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(BUSH STREET), REGIONAL ROAD 1 (MISSISSAUGA ROAD/OLD MAIN STREET) AND  
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CAPITAL PROJECT 11-4360  
DOCUMENT 2011-660P  
TOWN OF CALEDON, WARDS 1 AND 2**

## ANTICIPATED TIMELINES FOR ENVIRONMENTAL ASSESSMENT

Project Award:	Spring 2012
Number 1 PIC:	Fall 2012
Number 2 PIC:	Spring 2013
Project Filing to the Ministry of the Environment:	Fall 2013

## CAPITAL PROGRAM CONSTRUCTION TIMELINES

