

PW-EA-1

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DATE: August 20, 2012

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES FOR DETAILED DESIGN  
AND CONTRACT ADMINISTRATION FOR THE VICTORIA RESERVOIR  
CAPITAL PROJECT 10-1966  
DOCUMENT 2012-329P  
TOWN OF CALEDON, WARD 2**

FROM: Dan Labrecque, Commissioner of Public Works

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## RECOMMENDATION

That the contract (Document 2012-329P) for professional engineering services for detailed design and contract administration for the Victoria Reservoir be awarded to Cima+, Engineering Consultants in the estimated amount of \$3,748,195 (excluding applicable taxes), under Capital Project 10-1966, in accordance with Purchasing By-law 63-2008.

### REPORT HIGHLIGHTS

- The Region of Peel Water and Wastewater Master Plan identified construction of Victoria Reservoir as a requirement to meet present and future water servicing demands for the Region of Peel.
- The Region of Peel issued a Request for Proposal to seven consulting engineering firms to complete the projects associated with the Master Plan for this facility.
- Request for Proposal 2012-329P was competitively bid and Cima+, Engineering Consultants is recommended for award.

## DISCUSSION

### 1. Background

The Region of Peel Water and Wastewater Master Plan identifies expansions and upgrades required for the South Peel water supply and storage system to the year 2031, including in the Zone 6 distribution network.

The Victoria Reservoir is the first significant reservoir in the Zone 6 network and will work in conjunction with the existing elevated tanks in Zone 6: Bolton South Elevated Tank and Snelgrove Elevated Tank.

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The Victoria Reservoir is proposed to be located on the south side of King Street, east of Highway 10, in the Town of Caledon. The facility represents the Region of Peel's final reservoir and pumping station on the eastern/central transmission system.

The Region of Peel has recently completed a Schedule "C" Municipal Class Environmental Assessment for the proposed feedermain and reservoir.

**2. Selection Process**

The Region of Peel issued Request for Proposal Document 2012-329P to the following consulting engineering firms: AECOM; Associated Engineering, Black and Veatch, CH2M-Hill, Cima+ Engineering Consultants, Cole Engineering Group and RV Anderson.

Seven of the professional engineering firms submitted proposals on time and the documents were found to be in order. The proposals were submitted in two parts: the first being the technical component and the second the financial component. The Technical Evaluation Team reviewed the submissions in accordance with set criteria. The evaluation criteria included the proposal evaluation, company's past experience, project team members' experience on similar projects, understanding of the assignment, proposed work plan, schedule, and estimated cost to complete the assignment. Cima+, Engineering Consultants' work plan provided detail with regards to all aspects of the project, including the ability to manage potential issues and resolutions. Upon completion of the technical evaluation, short listed proponents proceeded to the pricing component. The Purchasing representative completed the financial analysis. The scores were then combined and the overall ranking determined.

The summary of rankings in specific categories is as follows:

<b>Vendor</b>	<b>Technical (80 per cent)</b>	<b>Cost (20 per cent)</b>	<b>Price Submitted</b>	<b>Overall Ranking</b>
Cima+, Engineering Consultants Vaughan, ON	1	2	\$3,748,195	1
Cole Engineering Group Mississauga, ON	2	3	\$3,908,218	2
CH2M-Hill Toronto, ON	4	1	\$3,357,400	3
Associated Engineering Toronto, ON	3	4	\$3,924,002	4
Black and Veatch Markham, ON	5	5	\$4,201,769	5

The proposal submitted by Cima+, Engineering Consultants received the highest overall score when assessing the combination of technical proficiency and price. The professional engineering firm 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 Cima+, Engineering Consultants provides the best overall value to the Region.

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**FINANCIAL IMPLICATIONS**

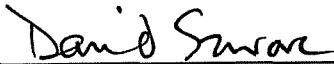
Sufficient funding is available under Capital Project 10-1966.



(ACTING FOR)

Dan Labrecque  
Commissioner of Public Works

**Approved for Submission:**



D. Szwarc, Chief Administrative Officer

*MP* For further information regarding this report, please contact Anthony Parente at extension 7833  
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Authored By: Troy Leyburne

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

# APPENDIX I

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