PW-C1-1

Region of Peel
Working for you

REPORT
Meeting Date: January 10, 2013
Regional Council

DATE: December 6, 2012

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES FOR THE SANITARY TRUNK SEWER ON ALBION-VAUGHAN ROAD FROM MAYFIELD ROAD TO THE ALBION-VAUGHAN PUMPING STATION CAPITAL PROJECT 12-2210 DOCUMENT 2012-410P TOWN OF CALEDON, WARD 5**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That the contract (Document 2012-410P) for the professional engineering services for the sanitary trunk sewer on Albion-Vaughan Road from Mayfield Road to the Albion-Vaughan Pumping Station be awarded to Chisholm, Fleming and Associates in the estimated amount of $704,377.64 (excluding applicable taxes), under Capital Project 12-2210, in accordance with Purchasing By-law 63-2008.

REPORT HIGHLIGHTS

- The Region of Peel's Water and Wastewater Servicing Master Plan has identified the need for additional wastewater servicing capacity for south Bolton.
- Council Resolution 2000-333 authorized the Region to assume the Albion-Vaughan Pumping Station as a temporary facility serving several developments in Bolton. This Pumping Station will be decommissioned and will be replaced with a sanitary trunk sewer along the Albion-Vaughan Road.
- The Request for Proposal Document 2012-410P was issued competitively and Chisholm, Fleming and Associates is recommended for award, providing the best overall value to the Region of Peel.

December 6, 2012

PROFESSIONAL ENGINEERING SERVICES FOR THE SANITARY TRUNK SEWER ON ALBION-VAUGHAN ROAD FROM MAYFIELD ROAD TO THE ALBION-VAUGHAN PUMPING STATION
CAPITAL PROJECT 12-2210
DOCUMENT 2012-410P
TOWN OF CALEDON, WARD 5

DISCUSSION

1. Background

The Council Resolution 2000-333 dated March 30, 2000 authorized the Region of Peel to enter into an agreement with Tormina Homes to assume the ownership, operation and maintenance of the Albion-Vaughan Sewage Pumping Station, in the Town of Caledon. This Pumping Station is a temporary facility servicing several developments in Bolton. The twinning of the Regional Road 50 trunk sanitary sewer now provides the opportunity to decommission the temporary pumping station through the extension of the sanitary trunk sewer along the Albion-Vaughan Road.

The proposed 825 mm (32.5 inch) sanitary trunk sewer along Albion-Vaughan Road from Mayfield Road to the Albion-Vaughan Pumping Station will also relieve the flow capacity of the existing 750mm (29.5 inch) Coleraine trunk sanitary sewer and accommodate planned growth to 2031.

2. Procurement Process

The Region of Peel issued a Request for Proposal Document 2012-410P to obtain professional engineering services to undertake the detailed design and construction administration for the Albion-Vaughan Road sanitary trunk sewer and the decommissioning of the existing Albion-Vaughan Pumping Station.

The Request for Proposal 2012-410P was issued to the following professional engineering firms; R.J. Burnside & Associates Limited, Gamsby and Mannerow Limited, Chisholm, Fleming and Associates and, Schaeffer and Associates Ltd.

Four professional engineering firms submitted proposals on time and the documents were found to be in order. The Technical Evaluation Team reviews the submissions in accordance to set criteria. The proposals were submitted in two parts; the first being the technical component and the second the financial component. The evaluation criteria includes the vendors' understanding of the project and detailed design approach and methodology, approach to abandoning the pumping station and diversion of flows, approach to co-ordination with other area municipalities and utility companies, construction administration approach and methodology, project manager and design team experience, inspection and contract administrator experience, references of previous projects of similar scale and scope, work plan and appropriateness of project schedule with regards to hours and staff allocated 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.

December 6, 2012

PROFESSIONAL ENGINEERING SERVICES FOR THE SANITARY TRUNK SEWER ON ALBION-VAUGHAN ROAD FROM MAYFIELD ROAD TO THE ALBION-VAUGHAN PUMPING STATION
CAPITAL PROJECT 12-2210
DOCUMENT 2012-410P
TOWN OF CALEDON, WARD 5

The evaluation summary was as follows:

Vendor Name and Location	Technical (80 per cent)	Financial (20 percent)	Price Submitted	Overall Ranking
Chisholm, Fleming & Associates Markham, ON	3	1	$ 704,377.64	1
Gamsby and Mannerow Ltd, Guelph, ON	2	2	$ 893,193.00	2
R.J. Burnside & Associates Limited, Mississauga, ON	1	3	$ 1,105,325.00	3

Chisholm, Fleming and Associates' approach to the overall project management was detailed and clear, specifically in the areas of sanitary trunk sewer design and pumping station decommissioning. Their key team members have extensive design and construction administration experience and have successfully completed the Ebenezer Road sanitary trunk sewer design and construction, which is similar in scope and size, for the Region of Peel. Chisholm, Fleming and Associates has also demonstrated a strong understanding of the project area, as they successfully designed and administered the contract for the adjacent carpool lot assignment at the intersection of Mayfield Road and Regional Road 50. Their work plan and schedule is in line with the project needs.

The proposal submitted by Chisholm, Fleming and Associates received the highest overall score when assessing the combination of technical proficiency and price. The vendor 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 Chisholm, Fleming and Associates, provides the best overall value to the Region.

FINANCIAL IMPLICATIONS

Sufficient funding is available under Capital Project 12-2210.

December 6, 2012

PROFESSIONAL ENGINEERING SERVICES FOR THE SANITARY TRUNK SEWER ON ALBION-VAUGHAN ROAD FROM MAYFIELD ROAD TO THE ALBION-VAUGHAN PUMPING STATION
CAPITAL PROJECT 12-2210
DOCUMENT 2012-410P
TOWN OF CALEDON, WARD 5

Dan Labrecque
Commissioner of Public Works

Approved for Submission:

D. Szwarc, Chief Administrative Officer

For further information regarding this report, please contact Jimmy Chong at extension 7886 or via email at jimmy.chong@peelregion.ca

Authored By: Jimmy Chong, P. Eng.

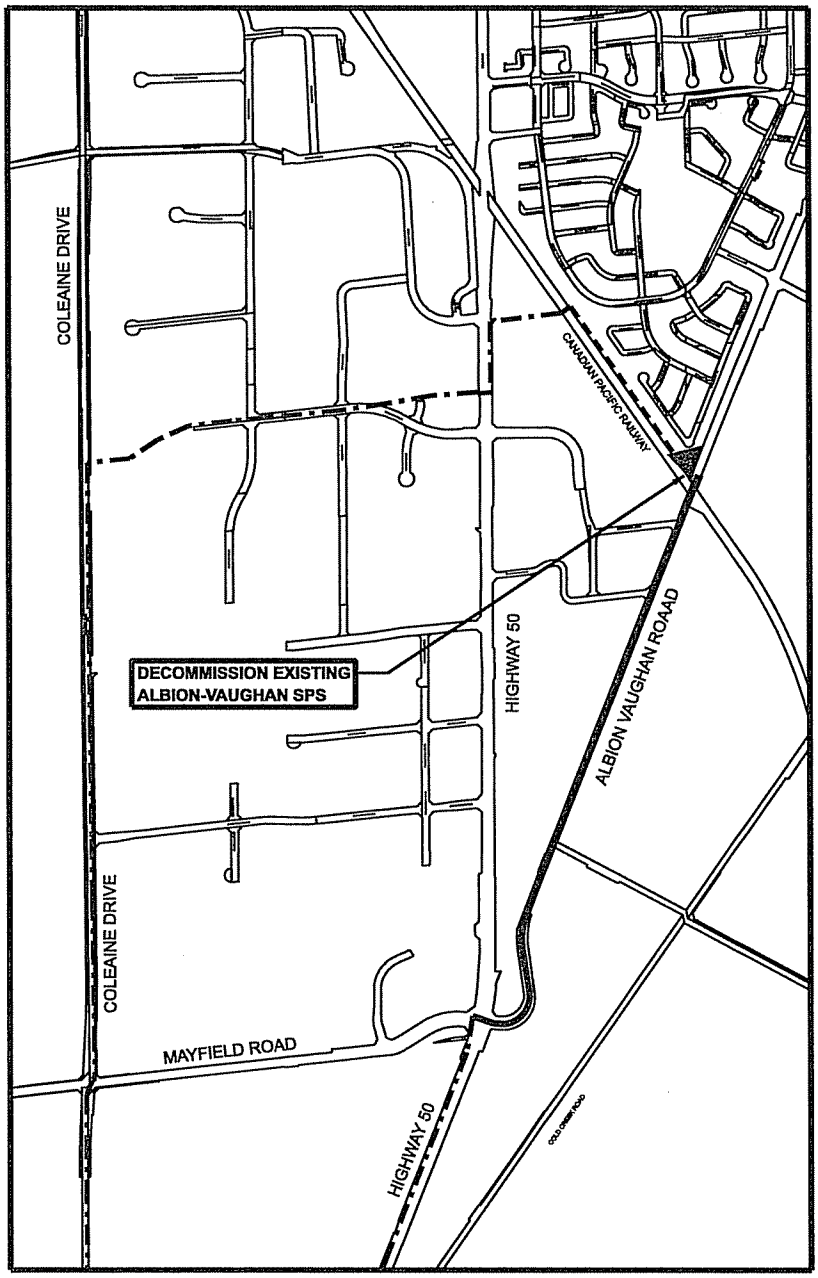
c. Legislative Services
J. Macintyre, Director, Purchasing
for Manager, Financial Support Unit (FSU)

APPENDIX I

December 6, 2012

PW-C1-5

PROFESSIONAL ENGINEERING SERVICES FOR THE SANITARY TRUNK SEWER ON ALBION-VAUGHAN ROAD FROM MAYFIELD ROAD TO THE ALBION-VAUGHAN PUMPING STATION
CAPITAL PROJECT 12-2220
DOCUMENT 2012-410P
TOWN OF CALEDON, WARD 5



———	**PROPOSED 825mm SANITARY TRUNK SEWER**
—·—·—	**EXISTING SANITARY SEWER**
- - - - -	**EXISTING 200mm SANITARY FORCEMAIN (TO BE DECOMMISSIONED)**

Region of Peel
Working for you