
DATE: August 11, 2011

REPORT TITLE: **PROFESSIONAL ENGINEERING SERVICES FOR A SCHEDULE "C"
CLASS ENVIRONMENTAL ASSESSMENT FOR ZONE 5 SUB-
TRANSMISSION MAIN
CAPITAL PROJECT 10-1383
DOCUMENT 2011-197P
CITY OF BRAMPTON, WARDS 1 TO 10**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That the contract (Document 2011-197P) for professional engineering services for Schedule "C" Class Environmental Assessment for Zone 5 Sub-Transmission Main be awarded to The Municipal Infrastructure Group (TMIG) under Capital Project 10-1383 in the estimated amount of \$641,315 (excluding applicable taxes), in accordance with Purchasing By-law 63-2008.

REPORT HIGHLIGHTS

- The Region intends to complete a Schedule "C" Class Environmental Assessment Planning process and Preliminary design for the Zone 5 Sub-Transmission Main from West Brampton to East Brampton Pumping Station and Reservoirs.
- There is a need, confirmed through a feasibility servicing study completed recently (AECOM 2011), to improve existing system capacity to service future growth efficiently.
- Currently, there is no additional security and flexibility in the system in the event of a disruption in any of the east or west water systems due to failure, or for maintenance purposes.
- A new Zone 5 Sub-Transmission main of 750mm diameter will be required from West Brampton Pumping Station to East Brampton Pumping Station to efficiently service the existing population and future growth.
- The Request for Proposal Document 2011-197P was competitively bid and the Municipal Infrastructure Group (TMIG) is recommended for award as representing the best overall value to the Region.

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DISCUSSION

1. Background

The Region of Peel is responsible for planning, constructing, operating and maintaining a municipal water system within its boundaries. The lake-based service area is divided into seven pressure zones, constituting two parallel water systems supplying water from a south to north direction through a combination of treatment plants, reservoirs, pumping stations, transmission mains and distribution systems. Currently, there is limited additional security and flexibility in the system in the event of a disruption in any of the east or west water systems.

A technical study had been recently completed (AECOM 2011) to assess and identify infrastructure requirements in Zones 4 and 5 to efficiently service existing population and future growth. According to the results of the feasibility study, a 750mm diameter east-west connection is required from West Brampton to East Brampton Pumping Station and Reservoirs (PS) in Zone 5. The new Zone 5 Sub-Transmission main will also provide additional capacity and optimum connections for future growth in the area.

To implement this, a Municipal Class Environmental Assessment (EA) planning process for Schedule "C" projects will need to be completed to fulfill the requirements of the *Environmental Assessments Act*.

2. Procurement Process

The Region of Peel issued Request for Proposal Document 2011-197P to obtain consulting engineering services to complete a Schedule "C" Class Environmental Assessment planning process and preliminary design for the Zone 5 Sub-Transmission Main. The Request for Proposal was issued in July 2011 to four consulting engineering firms: EXP Services Inc. (formerly TROW Consulting), Stantec Consulting Ltd., Hatch Mott McDonald (HMM) and The Municipal Infrastructure Group (TMIG).

Three out of the four vendors submitted proposals on time and the documents were found to be in order. Stantec Consulting Ltd. did not submit a proposal. 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 consultant's understanding of the project, scope of work (methodology), value added services, qualifications and experience of the proposed personnel, the consultant's previous experience with similar projects, and schedule and estimated cost to complete the assignment. HMM did not fully meet the qualifications as set out in the Request and therefore did not move to part two of the evaluation process. Upon completion of the technical evaluation, the purchasing representative completed the financial analysis. The scores were then combined and the overall scores determined.

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The evaluation summary was as follows:

Vendor Name and Location	Technical (80 %)	Financial (20 %)	Price Submitted	Overall Ranking
The Municipal Infrastructure Group (TMIG)	1	1	\$641,315.00	1
Exp Services Inc.	1	2	\$689,475.00	2

The proposals submitted by TMIG and Exp Services Inc., demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach and presented an experienced project team. Given that the scores of the top two vendors were a tie, the staff evaluation committee recommends the contract be awarded to TMIG.

FINANCIAL IMPLICATIONS

Sufficient funding is available under Capital Project 10-1383.

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Dan Labrecque
Commissioner of Public Works

Approved for Submission:



D. Szwarc, Chief Administrative Officer

 For further information regarding this report, please contact Mark Schiller at extension 4394 or via email at mark.schiller@peelregion.ca.

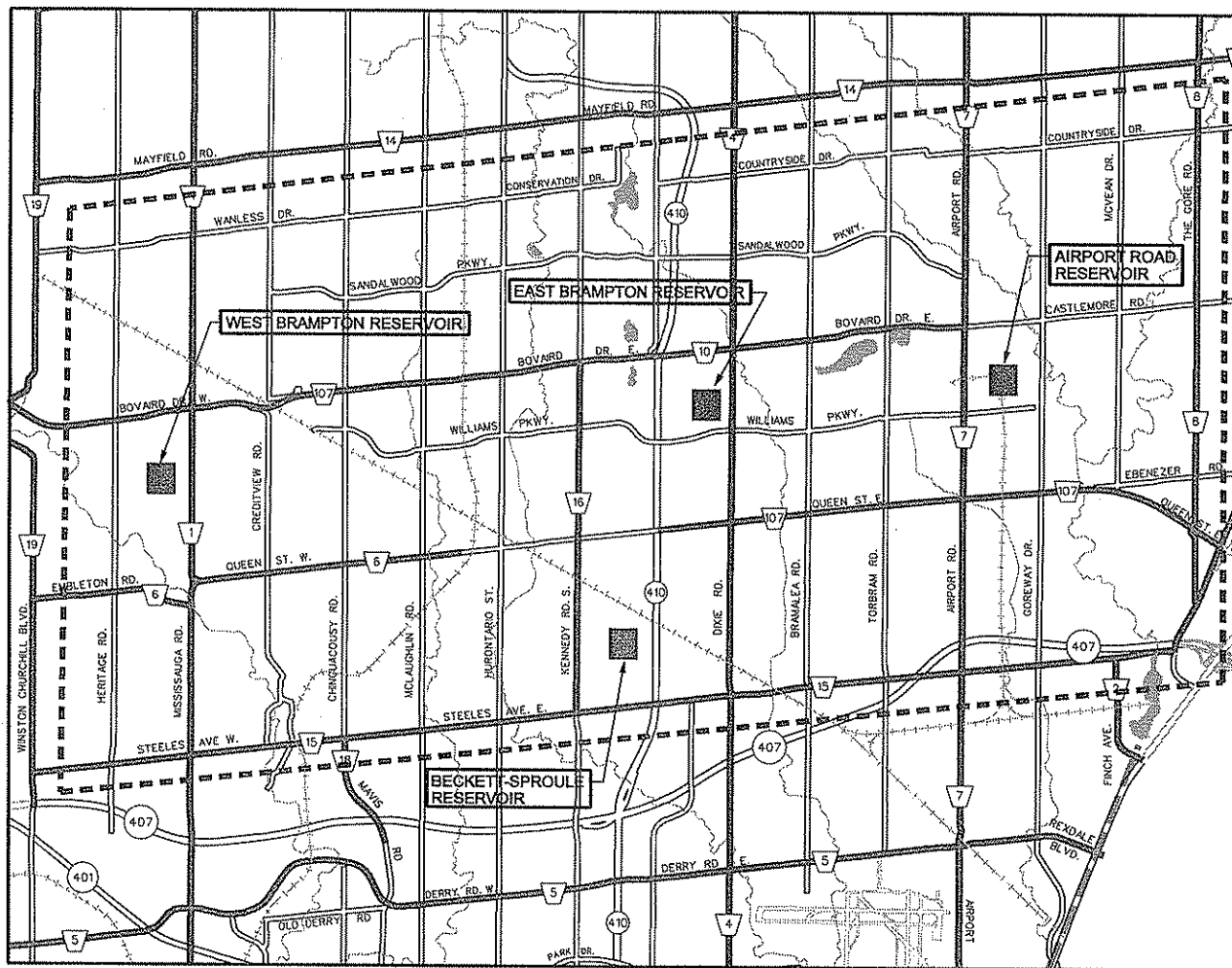
Authored By: Syeda Banuri

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

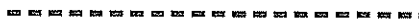
APPENDIX I

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PROFESSIONAL ENGINEERING SERVICES
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STUDY AREA LIMIT



EXISTING RESERVOIR

