
DATE: March 2, 2010

REPORT TITLE: **ENGINEERING SERVICES FOR SOUTH PEEL RESERVOIRS AND PUMPING STATION UPGRADES
CAPITAL PROJECT 08-1965
DOCUMENT 2010-073P
CITY OF MISSISSAUGA WARDS 3, 5 AND 9
CITY OF BRAMPTON WARDS 3, 7 AND 9**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That the contract (Document 2010-073P) for engineering services for South Peel reservoirs and pumping station upgrades at six locations in the Region of Peel be awarded to Cole Engineering Group Ltd. in the estimated amount of \$639,612 (excluding applicable taxes), under Capital Project 08-1965, in accordance with Purchasing By-law 63-2008.

REPORT HIGHLIGHTS

- Six South Peel reservoirs and pumping stations will undergo assessment for: overflow capacity, stormwater management, reservoir circulation, equipment access, and ventilation.
- Design criteria will be developed based on the assessment, and included in existing and future facility designs.
- Recommendations from the assessment will be incorporated into the 2011 10-Year Water Capital Budget Plan.
- Request for Proposal 2010-073P was competitively bid and Cole Engineering Group Ltd. is recommended for award.

DISCUSSION

1. Background

The South Peel Water System is currently operating nine reservoirs and pumping stations, ranging in ages up to 45 years old. Many of these facilities have recently been expanded and upgraded as outlined in the Water and Wastewater Master Plan. Some of the existing facilities however still need to be modified to current day standards to ensure the infrastructure is protected while maintaining water quality.

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Six reservoirs and pumping stations, namely Silverthorn, Hanlan (Cells 1 and 2), Beckett-Sproule (Cells 1 and 2), East Brampton, North Brampton and Meadowvale North will be investigated for existing: reservoir and pumping station overflow capacity, stormwater management, reservoir circulation, reservoir roof membranes condition assessment, equipment access and ventilation. A facility assessment report, based on site investigations, and existing design criteria will be created to assist with the update of design standards. The updated standards will be included into the design of existing and future facilities, and will be incorporated into the 2011 10-Year Water Capital Budget Plan.

2. Selection Process for Consulting Engineering Services

The Region of Peel issued a Request for Proposal, Document 2010-073P for engineering services for South Peel reservoirs and pumping stations to four consulting engineering firms: Associated Engineering (Ont.) Ltd., Cole Engineering Group Ltd., Gamsby and Mannerow Ltd., R. J. Burnside and Associates Ltd.

Three consultants submitted their proposal on time and the documents were found to be in order. The proposals were reviewed and evaluated by an evaluation committee made up of Public Works and Purchasing staff. The evaluation included the consultant's understanding of the project, proposal concepts and technical merit, qualifications and experience of the proposed staff, the consultant's previous experience in similar assignments, compliance with the terms of reference, schedule and cost to complete the assignment.

The summary of rankings is as follows:

Vendor Name	Location	Overall Ranking	Technical (80 per cent)	Financial (20 per cent)
Cole Engineering Group Ltd.	Markham, ON	1	1	2
Gamsby & Mannerow Ltd.	Guelph, ON	2	2	1
Associated Engineering (Ont.) Ltd.	Toronto, ON	3	3	3

The proposal of Cole Engineering Group Ltd. received the highest overall score when assessing the combination of the technical proficiency and price. The consultant demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach and presented a very experienced project team. Staff have concluded that Cole Engineering Group Ltd.'s proposal provides the best overall value to the Region.

FINANCIAL IMPLICATIONS

Sufficient funding is available under Capital Project 08-1965.

PW-D3-3-

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Dan Labrecque
Commissioner of Public Works

Approved for Submission:




D. Szwarc, Chief Administrative Officer



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c. Legislative Services



J. Macintyre,
Manager, Financial Support Unit (FSU)

APPENDIX I

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