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DATE: May 15, 2009

REPORT TITLE: **MAJOR MAINTENANCE - TRANSMISSION FACILITIES PROJECT  
DOCUMENT 2007-522P  
CAPITAL PROJECTS 07-1903, 07-1904  
CITY OF BRAMPTON, WARD 3**

FROM: Dan Labrecque, Commissioner of Environment, Transportation  
and Planning Services

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## RECOMMENDATION

That the contract (Document 2007-522P) for consulting services between Gamsby and Mannerow Engineers for the design and contract administration services for the Major Maintenance Transmission Facilities Project be extended to provide additional engineering services in the estimated amount of \$81,510, for a total commitment of \$331,510, excluding applicable taxes, in accordance with Purchasing By-law 63-2008;

And further, the funds be financed from Capital Project 07-1903 in the amount of \$31,510 (excluding applicable taxes) and from Capital Project 07-1904 in the amount of \$50,000 (excluding applicable taxes).

### REPORT HIGHLIGHTS

- Funds have been allocated in the Water Capital Project for the major maintenance of the transmission facilities.
- Additional engineering fees are required as a result of the decision to provide a new rechlorination facility at the Beckett Sproule Pumping Station instead of the planned upgrade at the existing facility at East Brampton Pumping Station.
- Sufficient funding is available in the existing Capital Budget Projects 07-1903 and 07-1904

## DISCUSSION

### 1. Background

In 2007 Gamsby and Mannerow Engineers were engaged for the design and contract administration for a new rechlorination facility at Region's East Brampton Pumping Station (PS). The firm's scope of work was to upgrade the existing rechlorination system at the facility to ensure a safe drinking water supply to the northern sections of Brampton and Bolton.

The Region has a long term plan to optimize the chlorination levels at its treatment plants while balancing the chlorine residual within the distribution system through the strategic

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placement of rechlorination facilities at various pumping stations. The plan will result in a balanced residual across the entire water distribution system.

## **2. Consulting Services**

Gamsby and Mannerow were retained through the competitive Request for Proposal 2007-522P. During the detailed design of the project the Region investigated whether the proposed rechlorination facility could be integrated into the current Capital project proposed at the Beckett Sproule PS instead of at East Brampton PS. The Beckett Sproule facility is considered a more strategic and flexible location. Evaluations were undertaken to ensure that the relocation of the facility from the East Brampton facility to the Beckett Sproule facility was feasible. Staff and their consultant concluded that the relocation was preferable overall with minor changes in project scope.

As result of this change, the Consultant will provide additional engineering services as outlined below.

- The Consultant will provide additional services for a number of disciplines, including structural, process and architectural.
- Site Plan Approval and Building Permit will be new requirements that must be fulfilled. In addition, re-submissions to the MOE would be required to address the change from East Brampton to Beckett Sproule PS.
- The tender document and specifications will have to be amended to reflect the change in the scope of works.
- The relocation to Beckett Sproule provides extra challenge to the Consultant as more planning and careful integration is required given that another engineering consultant is currently involved in the detailed design for a new pumping station and the constraints of the site.

The above additional services are estimated at \$81,510, excluding applicable taxes. Staff have reviewed these fees and concur they are fair value for the work. Therefore staff recommends that the contract with Gamsby and Mannerow be amended by \$81,510 for a new commitment of \$331,510 exclusive of applicable taxes.

## **FINANCIAL IMPLICATIONS**

Funding is available in 07-1903 in the amount of \$31,510 and 07-1904 in the amount of \$50,000.

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Dan Labrecque  
Commissioner of Environment, Transportation  
and Planning Services

**Approved for Submission:**



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D. Szwarc, Chief Administrative Officer



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