

STAFF REPORT: ENGINEERING AND PUBLIC WORKS DEPARTMENT

REPORT TO: Infrastructure and Recreation
 Committee

MEETING DATE: November 13, 2012

REPORT NO.: EPW.12.096

SUBJECT: Inflow & Infiltration Study- Consultant
 Award

PREPARED BY: John Caswell, Manager of Water &
 Wastewater Services/Asst. Director

A. Recommendations

THAT Council receive Report EPW.12.096 entitled “Inflow & Infiltration Study- Consultant Award”; and

THAT Council approve awarding the Request For Proposal For the completion of an Inflow & Infiltration Study to Cole Engineering Group Ltd in the amount of \$79,531.00 plus HST.

B. Background

On August 29, 2012, Town of Blue Mountains issued a Request For Proposal (RFP) for an Inflow and Infiltration (I&I) Study, Proposal Number 2012-6-P-EPW. The purpose of the Study was to hire a consultant to prepare an I&I study of the Town’s existing sanitary collection systems and to provide strategies to reduce I&I into the Town’s sanitary system.

There are several reasons why an I&I Study is being proposed by Staff to aid in identifying sources of additional water into the sanitary collection system. By removing ‘clean’ water from the treatment process, the Town:

1. Reduces the cost of wastewater plant operations (ie. hydro, chemicals)
2. Increases the available capacity in the plant thus delaying the need for a plant expansion

Six proposals were received and evaluated in accordance with the Town’s procurement process. The bidder with the highest overall score was Cole Engineering Group Ltd. from Markham. There is a total project budget of \$90,000 split between two years with \$60,000 budgeted in 2012 and \$30,000 included in the 2013 Budget. It was anticipated that a portion of the 2013 budget monies would be used for immediate remedial works, if required.

The Proposal Fee submitted by Cole Engineering was \$79,531.00 plus HST which exceeds the 2012 budget by \$19,531 but is still within the overall budget of \$90,000. Staff, therefore, recommend that a portion of 2013 funds set aside for remedial works be used to fund the engineering cost. Once the study is complete, Staff will be able to

budget for remedial works. The cost of recommended remedial work will be countered with the expected benefit.

Staff is recommending that Council approve awarding the Request For Proposal for the Inflow & Infiltration Study to Cole Engineering in the amount of \$79,531.00.

C. The Blue Mountains' Strategic Plan

The Inflow & Infiltration Study furthers the Town's Strategic Plan Goal # 2, "Addressing the Town's Municipal Infrastructure needs".

D. Environmental Impacts

None

E. Financial Impact

The total cost of the project is expected to remain well within the overall budget of \$90,000.

Total Budget for Project	\$90,000
Contract Award Price	\$79,531
Additional Costs Anticipated (advertising, meeting expenses)	\$2,000
Remediation Works	\$8,000

The contract award price of \$79,531.00, plus additional costs including advertising, meeting expenses and other miscellaneous expenses will still leave approximately \$8,000 for use in remediation works within the scope of works as set out in the contract.

Should major remedial works be required, the Town has wastewater reserves in excess of \$10 million which could be utilized to complete major repairs, refurbishments or other works suggested by the consultant.

F. In Consultation With

Darcy Chapman, Capital Accountant
Senior Management Team

G. Attached

None

Respectfully submitted,

John Caswell

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