



Department of Operational, Planning and
Development Services

Report No: 2008-61

Agenda Date: July 28, 2008

Division: Engineering Division

Subject: CSO MANAGEMENT ACTION PLAN
PROPOSAL FOR ENGINEERING SERVICES

RECOMMENDATION:

that the Council of the City of Port Colborne accept the Proposal for Engineering Services for the CSO Management Plan, Pilot Inflow and Infiltration Reduction Program, from Associated Engineering (Ont.) Limited for the total cost of \$393,717.00 plus applicable taxes; and further, that a bylaw whereby the consultant enters into an Engineering Agreement with the City be prepared.

Purpose of the Report

This report is written to award the engineering portion of the project to the consultant.

Analysis

Following approval of matching (50%) funding from The Region Of Niagara for the CSO Management Plan, Staff have moved forward with a Request for Proposals (RFP) for engineering services for the project. The RFP document was sent to six area consultants with expertise in the Water and Wastewater field.

The purpose of this undertaking is to provide all necessary services for the identification, remediation and quantification, pre and post retrofit of all private and public property inflow and infiltration sources in the pilot study area. The study area is defined as the area tributary to the Arena Pump Station located south west of the Seaway Wastewater Treatment Plant. This area has been defined as having excessive inflow and infiltration as evidenced by previous sewer flow monitoring conducted for the purposes of the City of Port Colborne Pollution Control and Infrastructure Study.

Due to the nature of the Study and the time requirements for staff and resources for completion of the project, only Associated Engineering were able to commit to providing a proposal for the work. A portion of the proposal is attached for Council's information. The proposal of Associated Engineering is comprehensive and clearly demonstrates an understanding of the issues. The proposed project costs are within the budget allocation for the work.

Resource Implications

The City has committed \$200,000 per year in the Sanitary Sewer Capital Budget beginning in 2008 with matching funds from the Region, as long as the program continues. It is Staff's intent to continue with the I/I Reduction Program into other areas of the City dependent on the results of the pilot program and the availability of funding.

Policies Affecting The Proposal

New policies will be formulated during the course of the study to address sewer use and disconnection of I/I sources.

Comments from Relevant Departments, Agencies and Corporate Partners

Matching study funds were approved by the Region of Niagara. The Ministry of the Environment has acknowledged their concurrence with the I/I Source reduction approach to the issue.

Alternatives

The City must proceed with the program based on the findings of the previous PCP Study and the direction of the Ministry of the Environment for wet weather flow management.

Conclusions

Associated Engineering be retained to provide engineering management of the program.

Attachments

Region of Niagara CSD 169-2007
Associated Engineering Proposal for Engineering Services
Report #2007-43 July 23, 2007.

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Approved and Respectfully
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The expenditure being proposed in this report was
has been budgeted in the 2008 Budget

Peter Senese,
Director of Community and Corporate
Services