

STAFF REPORT: ENGINEERING AND PUBLIC WORKS DEPARTMENT

REPORT TO: **Infrastructure & Recreation Committee**
MEETING DATE: **September 13, 2011**
REPORT NO.: **EPW.11.077**
SUBJECT: **Award of Proposal 2011-38-P-EPW –
Wensley Drive Sanitary Servicing and
Road Reconstruction**

PREPARED BY: **Derek Crawford, Project Engineer, on
behalf of Proposal Award Committee**

A. Recommendations

THAT Council receive Report EPW.11.077 entitled Award of Proposal 2011-38-P-EPW – Wensley Drive Sanitary Servicing and Road Reconstruction; and,

THAT Council approve the award of the Wensley Drive Sanitary Servicing and Road Reconstruction Engineering Services Contract (2011-38-P-EPW) to C.C. Tatham & Associates Ltd., in the amount of \$147,494 consisting of \$137,494 upset fee estimate plus \$10,000 fee contingency, excluding HST; and,

THAT the Mayor and Clerk be authorized to execute the Engineering Services Agreement Documents for 2011-38-P-EPW.

B. Background

The properties along Wensley Drive, located in the Town of The Blue Mountains to the south of the intersection of Peaks Road and Highway 26, are currently serviced by municipal water supply, but not sanitary. Most properties maintain aging septic systems and the Town has designated this area to be connected to the municipal sewer system. This undertaking will coincide with improvements to the existing water supply to provide fire protection to areas currently without a hydrant, as well as road reconstruction and resurfacing.

On July 6, 2011 the Town issued Request for Proposal 2011-38-P-EPW – For the Provision of Engineering Services, Wensley Drive Sanitary Servicing and Road Reconstruction. The scope of the Request for Proposal included Detailed Design of, and Construction Administration for the purpose of sanitary servicing and road reconstruction along Wensley Drive and provisionally along Peaks Road.

The final design and community engagement will occur over the winter for spring tendering and construction in mid to late 2012. This project may be complicated with the re-construction of Peaks Road as part of the intersection improvements at Hwy 26 by the Neighbourhoods of Delphi Point Developer. The Developer intends to construct the works this fall however it is unclear if the work will proceed. In the event that the Developer does not go ahead of the Town, the Town has provisions within the engineering assignment to install the sanitary sewer.

Consultant Selection:

The Town prepared a Request for Proposal and issued it on July 6, 2011. The Consultant selection was a single step process. Proposals consisting of Detailed Work Plans and Upset Fee Estimates in separate sealed envelopes were received from six consultants.

The Consultant Selection Team, consisting of Reg Russwurm, Jim McCannell, Tom Gray, Derek Crawford, John Caswell, and Sherri Adams satisfied themselves that the proposals were complete.

Consultants were evaluated based on the following weighted evaluation factors:

Quality Factors

| | |
|--|-----|
| Firm's Qualifications and Experience on Similar Assignments | 10% |
| Project Team's Experience | 20% |
| Project Understanding and Approach | 15% |
| Work Plan, Methodology, Communication and Quality Assurance Plan | 20% |
| Project Schedule | 10% |

Fee Factor 25%

Total **100%**

The Consultant achieving the highest combined weighted quality and fee factors was C.C. Tatham & Associates Ltd.'s and therefore the Selection Team recommends retaining this firm in the amount of \$147,494 consisting of \$137,494 upset fee estimate plus \$10,000 fee contingency.

C. The Blue Mountains' Strategic Plan

Completing this project assists with the Town's Strategic Plan Goal #2" Addressing the Town's Municipal Infrastructure needs".

D. Environmental Impacts

The primary impact of this project will be to connect the units along Wensley Drive to the municipal wastewater system, thereby eliminating the aging septic systems currently in use.

E. Financial Impact

Following is a chart of the proposed cost of the engineering fees to design and Tender the Wensley Drive Sanitary Servicing and Road Reconstruction Project from C.C. Tatham & Associates Ltd. (C.C. Tatham)

| ENGINEERING SERVICES | COST |
|-----------------------------|------------------|
| Upset fee limit | \$137,494 |
| Fee contingency | <u>\$10,000</u> |
| TOTAL | \$147,494 |

This project incorporates budget allocations from the Roads Capital Budget, Water as well as Wastewater Capital Budgets. The total provided for in the 2011 Capital Budget over 2011 and 2012 for engineering services is \$147,400. With an expected cost of \$147,494 (not incl HST), the engineering services component of the project budget is expected to be over expended by \$94. Given the size and nature of this project, this anticipated over run is relatively minor and any shortfall in the engineering allowance will be absorbed by the overall project budget which is \$1,411,400 for both engineering and construction.

Costs associated with wastewater servicing for the area, along with 25% of the road reconstruction costs, will be recovered from the benefitting properties through a municipal services charge.

F. Attachments

None.

Respectfully submitted,

Derek Crawford

Derek Crawford
Project Engineer

For more information, please contact:

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Tender Proposal Award Committee

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