

COMMITTEE OF THE WHOLE – OCTOBER 21, 2002

SELECTION OF CONSULTANT FOR STREETLIGHTING INVENTORY AND ASSESSMENT

Recommendation

The Commissioner of Engineering and Public Works, in consultation with the Director of Purchasing Services and the Director of Reserves and Investments, recommends:

- 1) That the City retain Delcan Corporation to provide consulting services for the City's Streetlighting Inventory and Assessment (2002 Capital Project 1427-0-02) at an estimated amount of \$168,498, plus G.S.T.;
- 2) That a contingency allowance in the amount of \$17,000 be approved, within which the Commissioner of Engineering and Public Works is authorized to approve amendments to the agreement.
- 3) That funding for Capital Project 1427-0-02 for Streetlighting Assessment be increased from \$100,000 to \$200,000.00 by transferring \$50,000 from Capital Project 1454-0-02 (Preliminary Engineering, 2003 Projects), \$25,000 from Capital Project 1106-2-00 (Streetlighting Conversion), and \$25,000 from Capital Project 1107-3-00 (Streetlights).
- 4) That the Mayor and Clerk be authorized to sign the necessary agreement.

Purpose

To retain professional engineering services for the City's Streetlighting Inventory and Assessment.

Background - Analysis and Options

The City of Vaughan streetlighting system consists of approximately 15,000 streetlights. The streetlights were designed to the required lighting level standards at the time of installation, however, due to the standards being changed over time, some of the older installations are now considered sub-standard. In an effort to begin to address these sub-standard installations, the City has completed several cul-de-sac lighting, walkway lighting and older areas streetlighting upgrade projects over the last several years, but large areas requiring upgrade remain.

Members of Council and staff continue to receive calls from residents in older neighbourhoods requesting improved streetlighting. The Streetlighting Inventory and Assessment Project (2002 Capital Project 1427-0-02) has been created in order to identify the upgrading needs of the City's streetlighting network, establish cost-effective solutions, and develop a long-term implementation program that prioritizes the areas to be upgraded. This will provide the necessary detailed information required to establish the future streetlighting upgrade program and provide specific answers to residents regarding the schedule for upgrades in their areas.

A Request for Proposals was issued by the Purchasing Department on August 28, 2002 (RFP02-231) and in response on September 10, 2002, the City received eleven proposals for consulting services for the City's Streetlighting Inventory and Assessment. An evaluation meeting was held on October 2, 2002 by a review committee comprised of Engineering, Public Works and Purchasing staff. A standardized scoring and ranking system was used for the evaluation of the proposals which included the following:

- Understanding and Project Approach 20% Value
- Work Plan and Resource Allocation 20% Value
- Firm Qualifications and Staff Experience 30% Value
- Engineering fees 30% Value

Based on the review committee evaluation of all the proposals, it is recommended that the proposal submitted by Delcan Corporation be accepted, and that an Engineering Agreement be executed. The estimated fee is \$168,498 plus G.S.T.

The estimated project cost is \$200,000 which is calculated as follows:

Delcan's estimated fee	\$168,498.00 (excl. G.S.T.)
Contingency 10%	\$ 17,000.00 (excl. G.S.T.)
G.S.T. 3%	\$ 5,564.94
Treasury Admin. 3%	\$ 5,731.89
Estimated Project Cost	\$196,794.82
Rounded	\$200,000.00

The approved 2002 Capital Budget includes \$100,000 funded from taxation and engineering reserve for the Streetlighting Assessment (Project 1427-0-02). When this project was identified, staff had no means to accurately establish the budget requirements. In order to provide the additional \$100,000 in funding required, staff have reviewed uncommitted project funding and recommend that:

- \$50,000 be transferred from Capital Project 1454-0-02 (2002 Preliminary Engineering for 2003 Projects) funded from the Engineering Reserve. The streetlighting inventory and assessment project is preliminary engineering work, making this a logical allocation of a portion of this project's funding.
- \$25,000 be transferred from Capital Project 1106-2-00 (2000 Streetlighting Conversion) funded from Taxation. This project has been completed and the remaining funds could be applied to establishing the City's future streetlight upgrade program.
- \$25,000 be transferred from Capital Project 1107-3-00 (2000 Streetlighting) funded from Taxation. This project has been completed and the remaining funds could be applied to establishing the City's future streetlight upgrade program.

Conclusion

That this assignment be awarded to Delcan Corporation and funding be increased to \$200,000.

Attachments

N/A

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Respectfully submitted,

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Commissioner of Engineering and Public works

PM:MC