

COMMITTEE OF THE WHOLE – JANUARY 21, 2002

LANGSTAFF ROAD RECONSTRUCTION REGIONAL ROAD NO. 27 TO VAUGHAN MILLS ROAD

Recommendation

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

Notwithstanding the City's Purchasing Policy and Procedures, that the City extend the contract with R. V. Anderson Associates Limited for the design of the Langstaff Road reconstruction to include the design of the bridge replacement on Langstaff Road over Robinson Creek at an estimated upset limit of \$108,000, plus G.S.T.

Purpose

To include the design of the bridge replacement on Langstaff Road over Robinson Creek in the Langstaff Road road reconstruction project between Regional Road No. 27 and Vaughan Mills Road.

Background - Analysis and Options

At its September 11, 2000 Meeting, Council approved the recommendation in Item 2, Report No. 67, of the Committee of the Whole, to retain R. V. Anderson Associates Limited to provide engineering design services for the reconstruction of Langstaff Road from Vaughan Mills Road to Regional Road No. 27 at an estimated fee of \$77,525.00 plus G.S.T.

As part of this assignment, the consultant was required to carry out a detailed bridge inspection on Langstaf Road over the Robinson Creek. Their investigation determined that the bridge was in poor condition and of insufficient width and must be rehabilitated or replaced.

In consultation with the Urban Design Department, it was determined that there is a desire for a future trail system along this valley corridor and as such, a longer span bridge is required to accommodate this. After further assessment of the various alternatives to address the road geometric requirements accommodate a future trail system and TRCA's concerns, it is determined that a new structure is required.

Due to their current involvement with this project, it is our recommendation to extend the contract with R. V. Anderson Associates Limited to include the design and preparation of tender documents for the bridge replacement over Robinson Creek. The estimated additional design fee for the bridge replacement is \$108,000 plus G.S.T.

The total estimated fees for the completion of the Class Environmental Assessment and design and preparation of tender document for the road reconstruction and bridge replacement assignments is \$185,525 plus G.S.T. Funding for design services in the amount of \$200,000 has already been approved in the 2001 Capital Budget Project No. 1336.0 funded from City Wide Development Charges which will be sufficient to complete the assignments.

The estimated construction cost of \$4.4 Million has been included in the 2002 Capital Budget (Project No. 1336.2). R.V. Anderson have committed to a design schedule that would allow for tendering this project in April in order to complete construction by the end of this year.

Conclusion

It will be most cost effective to retain R.V. Anderson Associates Limited to proceed immediately with the design of the bridge replacement on Langstaff over the Robinson Creek.

Attachments

1. Location Map

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Respectfully submitted,

FRANK MIELE
Commissioner of Development Services
and Public Works

Bill Robinson, P. Eng.
Executive Director of City Engineering
and Public Works

PM:MC

ATTACHMENT No. 1

