

## **COMMITTEE OF THE WHOLE – MAY 5, 2003**

### **ADDITIONAL PROFESSIONAL ENGINEERING FEES PINE VALLEY WASTEWATER PUMPING STATION DETAILED DESIGN ASSIGNMENT**

#### **Recommendation**

The Commissioner of Engineering and Public Works, in consultation with the Director of Purchasing and the Director of Reserves and Investments, recommends that subject to the Block 39 Vellore Village Developers Group providing the City with the necessary additional front-end funds:

1. That additional funding in the amount of \$20,000 plus G.S.T. be approved for professional engineering services by KMK Consulting in connection with the detailed design of the Pine Valley Wastewater Pumping Station and associated sanitary sewers on Pine Valley Drive (Capital Project No. 1225-2-02); and
2. That notwithstanding the Purchasing Policies and Procedures, the consulting engineering firm of Marshal Macklin Monaghan be retained to undertake the detailed design of the sanitary sewer forcemain on Langstaff Road between Pine Valley Drive and Islington Avenue at an estimated engineering fee of \$50,000 plus G.S.T with funding from Capital Project No 1225-2-02.

#### **Purpose**

The purpose of this report is to seek Council's approval to additional funding for the detailed design of the Pine Valley Wastewater Pumping Station project, and to retain the consulting engineering firm of Marshal Macklin Monaghan to undertake the detailed design of the portion of the sanitary sewer forcemain on Langstaff Road between Pine Valley Drive and Islington Avenue.

#### **Background**

The Pine Valley Wastewater Pumping Station and the associated sewage forcemains on Pine Valley Drive and Langstaff Road are proposed to service development on the west side of Vellore Urban Village One. The cost of these sewerage works is estimated to be about \$5.52 million.

Council, at its meeting on June 24, 2004, authorized Staff to retain KMK Consultants Limited to undertake the detailed engineering design of the Pine Valley Wastewater Pumping Station and associated sewers at an upset engineering services fee of \$100,000. This design exercise is being front end financed by the Block 39 Vellore Village Developers Group, and is currently underway. Soon afterwards, at its meeting of August 26, 2003, Vaughan Council passed a resolution requesting the Region to assume the Pine Valley Wastewater Pumping Station and associated sewers as Regional infrastructure. Regional Council subsequently passed a resolution assuming this infrastructure on February 20, 2003.

To facilitate the project, the City and the Region agreed to have KMK Consultants carry on and complete the detailed design of the pumping station and sewers to tender ready status. The Region could then tender and construct the project subject to securing the necessary front end financing. The scope of KMK Consultant's original work plan was therefore changed to account for the added coordination with the Region and specific design requirements. As a consequence, KMK Consultant's engineering fee has increased to \$120,000 plus G.S.T.

Additionally, the Region is currently designing the planning widening and reconstruction of Langstaff Road between Islington Avenue and Weston Road. Accordingly, it was considered more efficient to have the Region's engineering consultant, Marshall Macklin Monaghan Limited,

undertake the design of the section of forcemain along Langstaff Road, in conjunction with the road design assignment. The Region has advised that the estimated engineering services fee for the design of the Langstaff forcemain is \$50,000 including contingencies.

The Block 39 Vellore Village Developers Group has advised that they are prepared to provide the City with the necessary additional funds to complete the design of the Pine Valley Wastewater Pumping Station and associated sewers.

**Conclusion**

Staff recommend that additional funding totalling \$70,000 plus G.S.T. from Capital Project No. 1225-2-02 be approved to pay for the extra services by KMK Consultants in connection with the design of the Pine Valley Wastewater Pumping Station and to retain Marshall Macklin Monaghan to undertake the detailed design of the portion of the sanitary forcemain on Langstaff Road between Pine Valley Drive and Islington Avenue subject to the Block 39 Vellore Village Developers Group providing the City with the additional front-end funds.

**Attachments**

N/A

**Report prepared by**

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Respectfully submitted,

Bill Robinson, P. Eng.  
Commissioner of Engineering and Public Works