

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON
MUNICIPALITÉ RÉGIONALE D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. **50 19-97-0011-V**
Your File/V/Réf.

DATE 19 February 1998

TO/DEST. Co-ordinator
 Corporate Services and Economic Development Committee

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **WEST NEPEAN COLLECTOR**
 WOODROFFE DIVERSION
 CONSULTANT SERVICES - CA9472

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee and Council approve the appointment of Dillon Consulting Limited, Gloucester, to provide design engineering services for the Woodroffe Diversion on the West Nepean Collector for a total contract provision of \$490,800.

RATIONALE

The 1997 Wastewater Master Plan for the Regional Municipality of Ottawa-Carleton has identified insufficient capacity in the West Nepean Collector to convey all projected flows from the areas currently serviced by this sewer. The preferred method of providing additional sewer capacity is to redirect some of the flow to the Lynwood Collector System which currently has unused capacity.

The Wastewater Master Plan has identified three separate diversions from the West Nepean Collector to the Lynwood Collector. The Woodroffe Diversion has been recommended as the first to be built. It will provide relief to both the Woodroffe and West Nepean Collectors and allow for continued growth in this area, which includes the Nortel expansion now underway .

The Woodroffe Diversion will consist of a diversion chamber located on the existing collector with a pumping station adjacent to it. The proposed location of these structures is south of Highway 417 in the area of Woodroffe Avenue.

A forcemain will take the sewage from the pumping station south to the Lynwood Collector located at the intersection of Woodroffe Avenue and CN tracks, a distance of approximately 2 kilometres.

The firm of Dillon Consulting Limited was retained by the Region to develop an operating strategy for the Woodroffe Diversion to determine the flow range and conceptual sizing of the pumping station. This work was recently completed and was necessary as part of the assessment for servicing of the Nortel Site Expansion. Because of the urgency of the Nortel servicing and their knowledge and familiarity with the project, they were the only firm asked to submit a proposal for the detailed design. Their proposal has been reviewed and found acceptable on the basis of their scheduling, level of effort and proposed personnel.

The contract provision consists of design fees of \$417,000, contingency of \$41,700 and G.S.T. of \$32,100 for a total contract amount of \$490,800.

CONSULTATION

Consultation has proceeded in accordance with provisions of the *Planning Act*.

EXPENDITURE JUSTIFICATION

Implementation of this project is required to address insufficient capacity in the Nepean Collector as identified in the Wastewater Master Plan and to allow for continued growth in the area serviced by this Collector.

FINANCIAL STATEMENT

	\$
Proposed 1998 Budget	5,150,000
Total Paid and Committed	<u>(0)</u>
Balance Available	5,150,000
THIS REQUEST	<u>(490,800)</u>
Balance Remaining	<u>4,659,200</u>

This represents a pre-commitment to the 1998 Capital Budget, Account No. 932-42049 (Woodroffe Collector Flow Diversion). Encumbrance No. CA9472.

*Approved by
M.J.E. Sheflin, P.Eng.*

TW/jw

FINANCE DEPARTMENT COMMENT

This contract represents a pre-committment against the 1998 Capital Budget.
Subject to Council Approval.

*Approved by C. Colaiacovo
on behalf of the Finance Commissioner*