TO: CHAIR AND MEMBERS
ENVIRONMENT AND TRANSPORTATION COMMITTEE
MEETING ON SEPTEMBER 12, 2005

FROM: PATRICK MCNALLY, P.Eng.
DIRECTOR, WATER, ENVIRONMENT AND CUSTOMER RELATIONS

SUBJECT APPOINTMENT OF CONSULTING ENGINEER
EW3782 OXFORD ST. EAST RECONSTRUCTION
2006 WATERMAIN REPLACEMENT WITH MAJOR ROADS

RECOMMENDATION

That, on the recommendation of the Director, Water, Environment and Customer Relations, the following actions BE TAKEN with respect to the appointment of a Consultant for the Oxford St. East Reconstruction:

(a) Stantec Consulting Ltd., 800 – 171 Queens Avenue, London, Ontario, N6A 5J7, BE APPOINTED Consulting Engineers for the pre-design and design of the said project, in the amount of $98,532.50, including contingency and exclusive of G.S.T., in accordance with Council Policy 7(9A);

(b) the financing for the project BE APPROVED in accordance with the “Sources of Financing Report” attached hereto as Appendix “A”;

(c) the consulting fees for the project BE IN ACCORDANCE with the estimate, on file, which are based upon the Suggested Schedule of Fees for Engineering Projects, recommended by Professional Engineers Ontario and in accordance with Council Policy 7(9A); and

(d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract with the Consultant for the work.

BACKGROUND

Purpose:

Oxford Street East between Third Street and Industrial Road has been identified as a priority watermain replacement by the Water Engineering Division with construction for this project planned for the year 2006. The watermain along Oxford St. East is undersized for the growing industrial development in the area. The main has also been susceptible to breaks in the past and is in need of replacement.

Discussion:

This report recommends the appointment of an Engineering Consultant for the engineering assignment specified. The Engineering assignment is required in advance of the construction project in which funds are allocated in the 2006 Water Capital Budget:

EW3782 Oxford Street East Reconstruction

Funds for this engineering assignment have been carried in the 2005 Capital Budget.

The project includes watermain, possible sewer repairs, and restoration. The construction work will be in advance of the Transportation Division's asphalt rehabilitation of Oxford Street East. The work will be done at the following site:

Oxford Street East from Third Street to Industrial Road

- The replacement of approximately 2500m of existing 300mm CI watermain with a new 400mm on Oxford Street East from Third Street to Industrial Road, including minimum 25mm water service connections to property line, and appurtenances
The installation of a 250mm local sanitary sewer on Oxford St. East approximately 300m west of Industrial Road based on a Local Improvement Initiative, including private drain connections to property line (as well as provisions for 'reserve' PDC's to vacant parcels as required)

Under this contract, the consultant will be responsible for the pre-design and design of all the underground work and road reconstruction to the top of base asphalt. The Transportation Division under a separate contract will return and reconstruct the remaining road surface at the completion of this project.

Three (3) consultants have provided written proposals, including an estimate of services, tasks and schedule.

**Conclusions:**

The recommendation of this report is to retain Stantec Consulting Ltd. to undertake this assignment, including pre-design and detailed design. Their proposal represents the best quality and value for this project. They have shown their competency and expertise with this required type of work and have provided good performance in the past on other City projects.

There are no anticipated additional operating costs in the Environmental and Engineering Services Department in 2006 and subsequent years associated with the appointment of this consultant.

**Acknowledgements:**

This report was prepared by Matt Feldberg, Technologist II, Water Engineering Division.

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<tr>
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<td>ROLAND WELKER, P. ENG.</td>
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August 29, 2005

Attach: Appendix "A" – Sources of Financing
        Appendix "B" – Reference Map

C.c. Peter W. Steblin, P.Eng.
     Stantec Consulting Ltd.
RE: Oxford St. East Reconstruction  
Capital Project EW3782 - 2005 Main Replacement with Major Roadworks  
Stantec Consulting Ltd. - $98,532.50

FINANCE AND CORPORATE SERVICES DEPARTMENT REPORT ON THE SOURCES OF FINANCING:
Finance and Corporate Services Department confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Director, Water, Environment and Customer Relations, the detailed source of financing for this project is:

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NET ESTIMATED EXPENDITURES      $2,150,000       $1,936,407       $98,533       $115,060

SOURCE OF FINANCING
Capital Water Rates             $2,150,000       $1,936,407       $98,533       $115,060

TOTAL FINANCING                  $2,150,000       $1,936,407       $98,533       $115,060

NOTE:
1) There are no anticipated additional operating costs in the Environmental and Engineering Services Department in 2006 and subsequent years associated with the appointment of this consultant.

JG

Martin Hayward  
Director of Financial Planning & Policy