

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

REPORT
RAPPORT

Our File/N/Réf. **31-19-94-0001-U**
Your File/V/Réf.

DATE 26 August 1997

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

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **GLEN CAIRN TRUNK SEWER - PHASE 2**
CONTRACT NO. CC-4126
CONSULTANT APPOINTMENT

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee and Council approve the next phase of Contract CC-4126 with Robinson Consultants Incorporated, Kanata, to provide construction administration and supervision services, for the Glen Cairn Trunk Sewer - Phase 2 project, for a contract amount of \$216,000, bringing the revised total contract provision to \$841,330.

BACKGROUND

The replacement of the Glen Cairn Trunk Sewer was identified in the Western Growth Area Sewer Study Upgrade and Retrofit report approved by the Environmental Services Committee in 1990 and will provide for the management of sanitary sewage from the western growth area to the year 2021.

Phase 1, consisting of 2,300 metres of sewer replacement from the Tri-township collector (approximately 1.2 km north of Highway 417) to 120 m south of Timm Drive, was constructed in 1997. Phase 2 consists of 1,100 metres of replacement from 120 m south of Timm Drive to Eagleson Road/Hazeldean Road. A report recommending the award of Contract CT 7202, for construction of Phase 2, to Dufferin Construction Company (West Carleton) was approved by the Chief Administrative Officer on 5 September 1997.

Robinson Consultants Incorporated provided professional engineering services for the design and construction stages of Phase 1 and therefore is very knowledgeable of the work and the issues relating to construction in that area.

The amount requested includes a contract price of \$183,700, G.S.T. in the amount of \$12,860 and \$19,440 for possible contract variations, for a contract amount of \$216,000, bringing the total contract provision to \$841,330.

SCOPE OF SERVICES

The work involves the following:

- Construction Supervision - including technical and contractual advice to RMOC, site inspections, materials testing.
- Construction Administration - including correspondence with contractor, liaison to homeowners, co-ordination work with NCC, City of Kanata and utility agencies, preparation of field changes, progress payments, progress reporting.
- Construction Surveying and Layout - including layout of construction baseline, checking layout of structures and sewer as provided by contractor, verifying sewer and manhole grades.
- Maintenance Period Engineering and Project Close-out - including preparation of as-built information, summarizing and reporting on research performed during the course of the project, co-ordinating video inspection prior to end of maintenance period, addressing post-construction issues including outstanding contractual issues.
- Corrosion Protection Reporting - including reviewing existing corrosion protection methods in the RMOC wastewater system, compiling the latest information on internal biogenic corrosion protection materials and methods, researching the application of corrosion protection materials and assessing their effectiveness and design life, compiling a report with findings and recommendations, developing a corrosion protection standard for the RMOC.

CONSULTATION

A Schedule 'B' Environmental Screening for the Glen Cairn Trunk Sewer was completed in 1996. This process provided for two mandatory public contact points, including the Notice of Completion which gives the opportunity for 'bump-up' requests to be made to the Minister of the Environment and Energy. Letters will be sent out informing residents of the construction activity in Eagleson Road to take place in June 1998.

EXPENDITURE JUSTIFICATION

A report recommending the award of Contract CT 7202, for construction of Phase 2, to Dufferin Construction Company (West Carleton) was approved by the Chief Administrative Officer on 5 September 1997. The proposed professional services are required to manage the construction of Phase 2 of the Glen Cairn Trunk Sewer project.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	9,822,500
Total Paid and Committed	<u>(8,993,717)</u>
Balance Available	828,783
THIS REQUEST	<u>(216,000)</u>
Balance Remaining	<u>612,783</u>

Funds have been provided in the 1997 Capital Budget, Project No. 932-42026, Western Growth Area Sewer system Upgrade (Reference page 278).

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

MR/

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

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