

Our File/N/Réf. 25 63-96-2013
Your File/V/Réf.

DATE 6 June 1996

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

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **MICHAEL SNOW DISPOSAL FACILITY -
ENGINEERING AND ENVIRONMENTAL REVIEW
CONSULTANT VARIATION**

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee approve a scope change in the assignment with Robinson Consultants Inc., Kanata, for the engineering and environmental review study of the Michael Snow Disposal Facility, and the preparation of the South Cyrville Drain Engineer's Report in the amount of \$129,000, bringing the revised contract total to \$340,000.

BACKGROUND

Executive Committee, at its meeting of 27 September 1993, approved the appointment of A.J. Robinson Consultants to carry out an engineering and environmental review study of the Michael Snow Disposal Facility (SDF) in the amount of \$291,000.

DISCUSSION

The Engineering and Environmental Review study includes a detailed assessment of such issues as snow pile construction, site capacity, operations, meltwater management, sound levels, visual impact and maintenance.

Technical studies and investigations were carried out to ensure that design and operational proposals would comply with requirements of the various review and regulatory agencies, including the Ministry of the Environment and Energy, the Ministry of Natural Resources, the Rideau Valley Conservation Authority, the RMOC Environment and Transportation Department and the Cities of Gloucester and Ottawa.

These studies included hydrogeological and geotechnical investigations, a detailed noise analysis, a review of drainage and hydrology, detailed water quality analyses and a determination of traffic generation.

Additional funds in the amount of \$49,000 are required for Robinson Consultants Inc. to complete the contract documents for this project. Extra design work by the Consultants includes reviewing the implications of lowering the South Cyrville drain, review of adjacent property owners' drainage problems and extra meetings with property owners to discuss the implications of the snow disposal facility. Additionally, alternative site proposals other than was originally envisioned are required.

SOUTH CYRVILLE DRAIN

The South Cyrville drain, which is a "municipal drain" under the Drainage Act, is located immediately north of the Michael site access road. As insufficient property is available to develop a two lane roadway adjacent to the drain, it will be necessary to place the drain in a culvert and construct the road above the drain.

Discussions with the Cities of Gloucester and Ottawa indicate that the design of their future storm sewer systems on Michael Street and Triole Street requires the lowering of the South Cyrville drain by approximately one metre in this area. The City of Gloucester has indicated that if the RMOC proposes to place culverts on portions of the South Cyrville drain, a condition of the City would be for the drain to be placed at an appropriate elevation to provide an outlet for any proposed storm sewers. Therefore it is proposed to lower the drain at this time as part of the Michael SDF project.

ENGINEER'S REPORT

Under the Drainage Act, any alteration to a municipal drain requires an Engineer's Report, to be prepared by the area municipality. As neither the City of Gloucester or Ottawa have scheduled the construction of the affected storm sewers in the near future, it is proposed that the RMOC pay for this engineer's study in order to expedite this project, at an estimated cost of \$80,000. It should be noted that an Engineer's Report would have been required in any case for the RMOC work in relocating the drain within the SDF site and for the installation of the culvert under the access road.

After completion of the Engineer's Report, and costs to lower the drain have been determined, it is intended to negotiate with the Cities of Gloucester and Ottawa for a cost sharing arrangement for the portions of the work not directly related to the Michael SDF.

As Robinson Consultants Inc. prepared the Michael SDF Engineering and Environmental Review report, and the firm is totally familiar with site conditions and all adjacent drainage conditions, it is the logical consultant to prepare the Engineer's Report.

The Engineer's Report will have to be completed, and all necessary approvals received, before contract documents for the Michael SDF can be prepared.

CONSULTATION

A comprehensive public consultation programme was carried out for this project in conformance with the Region's Public Consultation Policy.

Two rounds of public consultation were completed. The first round presented the objectives and provided specific information about the Engineering and Environmental Review. The second round presented the conceptual alternative designs and the recommended alternative. The public was invited to participate in the Review by calling or writing one of the two project representatives.

An invitation to participate was published in the three daily papers and in three community papers. In addition, flyers were distributed to all residents and businesses in the area bounded by the Queensway, Cyrville Road, Highway 417, Innes Road and St. Laurent Boulevard.

Notification letters were sent to all Regional Councillors, all RMOC Departments, the Cities of Ottawa and Gloucester, and appropriate Members of Parliament and the Provincial Legislature.

All residences and businesses in the surrounding area were mailed an information flyer which described the anticipated operation of the Michael SDF.

Concerns expressed by the respondents were recorded and considered in the selection of the preferred site design and in the proposed operational procedures.

The development and operation of a snow disposal facility, in conformance with the Ministry of the Environment and Energy guidelines, is automatically approved as a "Schedule A" Project under the Municipal Class Environmental Assessment process.

Notwithstanding, this project followed a more thorough process in keeping with the RMOC's public consultation policy and the objective of developing a system of fiscally, socially and environmentally responsible snow disposal facilities.

EXPENDITURE JUSTIFICATION

The Michael Snow Disposal Facility is the principal facility for serving the core area of the City of Ottawa. Physical improvements are needed to improve the operational efficiency of this site and to ensure compliance with current environmental and social standards.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	710,000
Total Paid & Committed	<u>(410,019)</u>
Balance Available	299,981
THIS REQUEST	<u>(129,000)</u>
Balance Remaining	<u>170,981</u>

Funds have been provided in the 1996 Capital Budget, Account No. 912-33815, Snow Disposal Facilities (reference page 5-57). Encumbrance No. CA9138.

*Approved by
D. Brousseau on behalf of
M. J. E. Sheflin, P. Eng.*

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

*Approved by T. Fedec
on behalf of the Finance Commissioner*

ICB/ms