

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

REPORT
RAPPORT

Our File/N/Réf. **31 18-94-0002-W**
Your File/V/Réf.

DATE 28 January 1997

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

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **GLEN CAIRN WATER RESERVOIR MODIFICATIONS**
CONTRACT CW-6137 - CONTRACT AWARD

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee and Council approve the award of Contract No. CW-6137 to Modern Mechanical Inc., Kanata, for modifications to the existing Glen Cairn Reservoir for a total contract provision of \$359,944.

BACKGROUND

The Glen Cairn Reservoir is located in the west end of our Central Water Supply System and supplies water for Pressure Zones 2W and 3W (Nepean, Kanata, Stittsville). With the continuing growth in water demand in these zones, modification to the reservoir is required to increase useful reservoir volume at high demands, to significantly reduce piping head losses and to maintain water quality by eliminating pockets of 'stagnant' water within the reservoir.

Tenders for the Glen Cairn Water Reservoir Modification were received as follows:

<u>Contractor</u>	<u>Total Contract Price</u>
Modern Mechanical Inc., Kanata	\$305,814
Doran Contractors Limited, Ottawa	377,000
W.D. Laflamme Limited, Nepean	385,460
Landry Mechanical Services Limited, Nepean	397,000
Taplen Construction Ltd., Gloucester	458,200
J.C. Sulpher Construction Ltd., Gloucester	464,843
Ottawa Greenbelt Construction Company Limited, Gloucester	478,000
Dufferin Construction Company, Carp	539,900

Engineer's Estimate

\$261,395

The main difference between the Engineer's Estimate and the low tender appears to be work related to the excavation, supply and installation of the piping. The contractor assumed a higher effort/complexity for this work and therefore submitted higher prices for these items.

All tenders were in order and contained no irregularities.

Based on the evaluation of the tender documents, the Department is recommending that this work be awarded to the low bidder, Modern Mechanical Inc. The total contract provision consists of a bid price of \$305,814, contingency in the amount of \$30,580 and G.S.T. of \$23,550 for a total amount of \$359,944.

CONSULTATION

This project is approved under Schedule 'A' of the Class Environmental Assessment. A public information process for adjacent residents will be formulated prior to start of construction.

EXPENDITURE JUSTIFICATION

Modifications to the piping within the reservoir will result in an increase in the useable volume of the reservoir, a reduction of piping head losses (i.e. energy savings), and increased water quality. These changes will also provide increased useable capacity to handle the continued growth in water demand in the Region's west end.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	800,000
Total Paid & Committed	<u>388,499</u>
Balance Available	411,501
THIS REQUEST	<u>359,944</u>
Balance Remaining	<u>51,557</u>

Funds have been provided in the 1996 Capital Budget, Account No. 922-41605, Glen Cairn Reservoir Expansion Program (Reference page 283).

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

TW/jb

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

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