

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

REPORT  
RAPPORT

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Our File/N/Réf.	<b>50 18-98-0023-U</b>
Your File/V/Réf.	
DATE	5 May 1998
TO/DEST.	Co-ordinator Corporate Services and Economic Development Committee
FROM/EXP.	Environment and Transportation Commissioner
SUBJECT/OBJET	<b>MEADOWLANDS PRESSURE DISTRICT EXPANSION CONTRACT AWARD: CONTRACT NO. - CA9505</b>

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### **DEPARTMENTAL RECOMMENDATION**

**That the Corporate Services and Economic Development Committee approve the appointment of R.V. Anderson Associates Limited, Ottawa, to undertake the detailed design for the Meadowlands Pressure District Expansion for a contract provision of \$89,100.**

### **BACKGROUND**

Over the past several years the Copeland Park/Caldwell area has been experiencing problems related to low pressure and consequently a phased approach to rectify this problem was established.

Under the first phase, the 900 mm Clyde Avenue Feedermain was constructed to improve the reliability of service to Zone 2W (City of Nepean) and Zone 3W (City of Kanata, Goulbourn) Pressure Districts. The construction of this feedermain in conjunction with upgrades to the Carlington Heights Pumping Station allowed the existing 600 mm feedermain to be converted into a high pressure watermain. This resulted in the creation of the expanded Meadowlands pressure zone which provided for improved system pressures to the Cowpland Park area.

As a next phase to improve water pressure and fire flows to the Edgecliffe/Caldwell/Merivale area and to provide additional reliability to the newly expanded Meadowlands pressure district, the following upgrades to the existing water distribution network are required:

- The installation of a new 300 mm watermain from the Carlington Heights Pumping Station to Caldwell Avenue;

- The upgrade of the watermain in Caldwell Avenue from Morisset Avenue to Medford Street;
- The installation of new watermains in Merivale Road from Morisset Avenue to Rosenthal Avenue and from Caldwell to approximately 250 m south;
- The upgrade of the watermain in Clyde Avenue from Merivale to Baseline;
- The upgrade of the watermain in Burriss Lane from Merivale Road. to Eleanor Drive.

These works will also facilitate ongoing development in the Clyde/Merivale lands by providing improved reliability of supply and improved pressures.

The scope of work for this assignment includes the following:

- Data Collection and Review
  - Review of construction methodology;
  - Detailed soils investigation;
  - Meeting with affected agencies such as the Cities of Ottawa and Nepean, N.C.C., etc.
- Detailed Design
  - Preparation of Plan/Profile Drawings and Contract Specifications;
  - Utility Circulation.
- Tendering and Approvals
  - Application for a Certificate of Approval to the Ministry of the Environment;
  - Technical clarification during tender period for contractors.

The amount requested includes a contract amount of \$75,695, G.S.T. in the amount of \$5,300 and a contingency of \$8,105, for a total contract provision of \$89,100.

### RATIONALE

Three consulting firms were requested to submit proposals for this work. R.V. Anderson Associates Limited was selected based on their extensive experience in the assessment, design, construction and rehabilitation of watermains for both conventional open-cut as well as trenchless methods.

Based on the foregoing, it is recommended that R.V. Anderson Associates Limited be awarded this assignment.

EXPENDITURE JUSTIFICATION

The purpose of this work is to provide improved pressure and reliability to the Caldwell and Clyde/Merivale areas. This will also enhance the development and growth potential of the area.

CONSULTATION

This project is a Schedule 'A' activity under the Class Environmental Assessment and is therefore approved. Residents/businesses in the area of the work will be notified prior to the commencement of construction.

FINANCIAL STATEMENT

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Approved Budget to Date	760,000
Total Paid and Committed	<u>(5,000)</u>
Balance Available	755,000
THIS REQUEST	<u>(89,100)</u>
Balance Remaining	<u>665,900</u>

Funds have been provided in the 1998 Capital Budget, Account No. 922-41822, Meadowlands Pressure District Expansion, (Reference page 341).

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

ZAG/jw

FINANCE DEPARTMENT COMMENT

Funds are available as requested.

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