

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

REPORT
RAPPORT

Our File/N/Réf. **31 01-97-1518-EE**
Your File/V/Réf.

DATE 26 May 1997

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

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **ROBERT O. PICKARD ENVIRONMENTAL CENTRE
FIXDMACS SCADA UPGRADE
CONTRACT NO. CS-7844**

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee approve the award of Contract No. CS-7844 for the Robert O. Pickard Centre FIXDMACS SCADA Upgrade, to CH2M Gore & Storrie Ltd., North York, Ontario, for a total contract provision of \$155,621.

BACKGROUND

A large part of the operations at the Robert O. Pickard Environmental Centre Wastewater Treatment Facility is controlled by a Supervisory Control and Data Acquisition (SCADA) system which was installed in 1990. These operations are affected by both software and hardware problems.

The current version of the software causes problems such as system overloading, system crashes, lack of integrity in alarming and historical trending. The underlying operating system software is no longer supported by the SCADA software manufacturer. The communication hardware adapters are obsolete and, as a result, cannot be replaced when they fail

The SCADA system is critical to the day to day wastewater collection and treatment operations and is an essential component for meeting and reporting on regulatory requirements.

DISCUSSION

The scope of this contract is to upgrade the old 1990 SCADA software and replace all obsolete communications hardware drivers.

A Request for Proposal was sent to three companies with a background in Wastewater Treatment SCADA software. Proposals (excluding GST and contingency) were received from the following companies:

CH2M Gore & Storrie Ltd., North York, Ontario	\$133,010.00
Acres & Associates, Etobicoke, Ontario	\$135,324.63
Melfi Technologies, Mississauga, Ontario	\$249,102.00

Based on the review of the Proposals submitted, the Department recommends acceptance of the lowest cost proposal submitted by CH2M Gore & Storrie, North York, Ontario. The total contract price consists of \$133,010 and GST in the amount of \$9,311. In addition, a contingency allowance of \$13,300 is requested to allow for contract variations, bringing the total contract provision to \$155,621.

CONSULTATION

The public consultation process is not applicable.

EXPENDITURE JUSTIFICATION

This expenditure is required to remove the reliance on obsolete communications hardware that cannot be replaced when they fail, eliminate system overloading, control and alarming problems and to avoid gaps in data collection.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	1,353,000
Total Paid and Committed	<u>(820,774)</u>
Balance Available	532,226
THIS REQUEST	<u>(155,621)</u>
Balance Remaining	<u>376,605</u>

Funds are available in the 1997 Capital Budget, Account No. 932-42122-3502 (Reference Page 220, 1997 Draft Capital Estimates) Pickard Centre - Miscellaneous Plant Upgrades.

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

ML/mlb

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

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