

REGION OF OTTAWA-CARLETON
RÉGION D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. Your File/V/Réf.	50 18-99-0003-V
DATE	11 August 1999
TO/DEST.	Co-ordinator Corporate Services and Economic Development Committee
FROM/EXP.	Environment and Transportation Commissioner
SUBJECT/OBJET	SCADA UPGRADE PROGRAMME EQUIPMENT PURCHASE CONTRACT CZ0472

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee approve the increase to Contract CZ0472 with CB Engineering (Eastern) Ltd., Laval, for the supply of Intellution HMI SCADA software for the Remote Facilities SCADA System in the amount of \$151,400 for a total contract provision of \$361,495.

INTRODUCTION

The SCADA Upgrade Programme has passed the mid-way point in the implementation stage (Phase 2) with the progress continuing on design of individual work segments and commissioning of constructed components under both design build contracts. Previously, the Department identified hardware and software (owner supplied equipment) requirements detailed by the Design Builders and Committee and Council approved Contracts CZ0471 and CZ0472 for those purchases. The Department has completed assessing its needs with respect to portable computers and their configurations for the Remote Facilities control, operation, and maintenance activities. Ten portable computers are required to perform these activities and each computer is required to have individual HMI software licences (it should be noted that a desktop PC solution was evaluated for the 31 remote sites and was determined to be more expensive).

Selection of the Intellution HMI software and the quotation process followed was discussed in the previous report to Committee. This report requests additional funds for Contract CZ0472 for the portable computers software purchase.

RATIONALE

CB Engineering was the lowest responsive of the two bids received on 26 March 1999 for the HMI Software Contract CZ0472. The Department has confirmed that CB Engineering will hold its pricing submitted on that date for the additional software required to complete the system integration.

Based on the project needs identified, the Department recommends that the additional funds be provided for the purchase of HMI software under Contract CZ0472 with CB Engineering in the amount of \$141,490 plus \$9,910 for the G.S.T., resulting in a total for this request of \$151,400 and a total contract provision of \$361,495.

CONSULTATION

The public consultation process is not applicable.

EXPENDITURE JUSTIFICATION

Modifications to the existing SCADA system are required to replace aged communication and control equipment, provide additional automation at the Britannia Water Purification Plant filters, and ensure Year 2000 compliance.

FINANCIAL STATEMENT

	900029
	\$
Approved Budget to Date	15,850,000
Total Paid and Committed	<u>(11,832,763)</u>
Balance Available	4,017,237
THIS REQUEST	<u>(151,400)</u>
Balance Remaining	<u>3,865,837</u>

Funds have been provided in the 1999 Capital Budget, Project Number 912-17954 (Internal Order 900029), Year 2000, (Reference pages 84/85) Purchase Order 45002184.

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

MS/jw

SUPPLY MANAGEMENT DIVISION

I concur,

Glen Ford
Director, Supply Management Division

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

Approved by T. Fedec
on behalf of the Finance Commissioner