

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

REPORT
RAPPORT

Our File/N/Réf. **50 06-98-1010**
Your File/V/Réf.

DATE 24 July 1998

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

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **SUPPLY OF TRAFFIC MONITORING EQUIPMENT,
TRANSMITTERS AND RECEIVERS - CONTRACT AWARD**

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee approve the award of quotation for monitoring equipment, transmitters and receivers to Canguard, Ottawa, up to a maximum contract provision of \$480,000.

BACKGROUND

One of the underlying principles of the Transportation Master Plan approved by Regional Council in July of 1997 is maximizing the operational efficiency of existing infrastructure through Transportation System Management (TSM). The TSM module of the plan sets a goal of increasing system capacity by 5% through measures such as congestion management and incident management plans. Video surveillance is identified as one of the key components of these plans. The performance of the entire Regional road network is determined by the operation of its busiest and most critical intersections, including those which intersect the Transitway. Video signals from monitoring equipment at these intersections will enable staff at the Region's Traffic Control Centre to ensure optimum operation by adjusting traffic signal functions to accommodate unexpected fluctuations in traffic flow or to respond to disruptive incidents such as illegally parked vehicles or accidents.

DISCUSSION

The department is recommending the award of the contract for the supply of monitoring equipment, transmitters and receivers to Canguard up to a maximum contract provision of \$480,000.00. The recommended supplier is the sole source for the equipment in order to ensure compatibility and interoperability between the Regional Municipality of Ottawa-Carleton and existing equipment at OC Transpo and Ministry of Transportation Ontario. This will provide equipment to install approximately 25 systems.

The following is a price listing:

<u>Description</u>	<u>Unit Price</u>
Pelco colour digital imaging kit (includes camera, wall mount brackets, pole mount and weatherproof transformer 24V, 100VA)	\$4,472.00
Colour and audio fast scan rack mount receiver (NTSC)	6,288.00
Colour and audio fast scan rack mount transmitter (NTSC C/W enclosure)	4,798.00
Adtran Express XR ISDN Modems	451.00

This award includes all taxes and is F.O.B. Ottawa

CONSULTATION

As this contract represents the supply of traffic equipment, consultation is not applicable.

EXPENDITURE JUSTIFICATION

The monitoring equipment, receivers and transmitters are required for traffic incident management, specifically for the retrieval of video images from locations in the field. It is necessary to commit to this expenditure now in order to have the material in stock for the 1998 construction season.

FINANCIAL STATEMENT

Funds are available in Account No. 013-51018 - Traffic Finished Goods Inventory Account for the purchase of these materials. These materials will then be charged out to various Capital and Operating Accounts.

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

FINANCE DEPARTMENT COMMENT

To establish unit pricing.

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