
CITY OF KELOWNA

MEMORANDUM

Date: September 28, 2005
File No.: 5460-03

To: City Manager

From: Ron Westlake, Transportation Manager

Subject: **Emergency Vehicle Pre-emption and Transit Priority Equipment Supply – Award of Contract T05-113**

Report prepared by: Fred Wollin, Traffic Technician

RECOMMENDATION:

THAT City Council approve the award of contract T05-113 for emergency vehicle pre-emption and transit priority equipment be awarded to Trafco Canada for the amount of \$283,967.16, including GST.

BACKGROUND:

A budget request for Emergency Signal Pre-emption was approved by Council early in 2005 for the purpose of replacing the current and out-dated fire pre-emption system at 13 intersections along Highway 97 (Harvey Ave) and two along Highway 33.

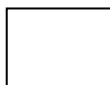
The current pre-emption system is controlled by the Fire Department dispatch centre. This existing system is based on old technology and does not provide any flexibility for the fire truck drivers or for the dispatch personnel. The new pre-emption system will allow control over the intersections that are dependant on fire vehicle location, speed and direction. This new system will allow for better control and response time for fire emergency vehicles and overall provide a safer movement of all vehicles through intersections.

An important parallel project to the fire pre-emption is the implementation of Transit Priority at key intersections along the Highway 97, Highway 33 and on Rutland Road. A number of these intersections overlap with the pre-emption equipment required for fire emergency vehicles.

Considering that both user groups (fire emergency vehicles and transit vehicles) could use the same equipment, the decision was to procure and evaluate equipment that could do both. A Request for Proposal process was entered into, and out of three proposals received, the proposal from Trafco Canada with their '3M GPS Opticom Priority Control System' scored the highest and was deemed to represent the best proposal by the evaluation team.

Funding for the acquisition of the above equipment will come from the following accounts:

10-3391-T3300	\$172,065.90
10-3391-T9980	\$ 64,631.16
10-3393-T9994	\$ 47,270.10



Ron Westlake, P.Eng.
Transportation Manager

Approved for inclusion
John Vos, Director of Works & Utilities