
TO: CITY MANAGER **DATE:** 2006 February 20

FROM: CHIEF INFORMATION OFFICER

SUBJECT: **COMPUTER ROOM UNINTERRUPTED POWER SUPPLY**

PURPOSE: TO OBTAIN FUNDING FOR THE REPLACEMENT OF THE COMPUTER ROOM UNINTERRUPTED POWER SUPPLY (UPS)

RECOMMENDATION:

1. **THAT** a Capital Reserves Expenditure Bylaw be brought down in the amount of \$157,000 (inclusive of 7% G.S.T.) for the purchase of a replacement Uninterrupted Power Supply.

REPORT

The Uninterrupted Power Supply is used to power the city's computer system during a power outage and smooth the flow of electrical energy to prevent power fluctuations from damaging Burnaby's central site computer system. This is a back-up system that is intended to run the computers for about thirty minutes during a loss of power to allow an orderly shut down of the central site computers.

The city's computer resources have grown over the years and now consist of 95 separate computers running the various business systems that departments rely on. The current UPS system will only support the central site for about five minutes resulting in some computers not being shut down appropriately in the event of a loss of power. The recovery time, when these types of computers lose power, is between 3 to 4 hours and may also result in the loss of some stored information.

The replacement of the current UPS to a size appropriate to the computer resources in central site computing facility is now due.

FINANCING

Sufficient Capital Reserves are available to finance the replacement. This is included in the 2006 portion of the 2006-2010 Provisional Capital Program.



Brian Sameshima
CHIEF INFORMATION OFFICER