City of Burnaby

FINANCIAL MANAGEMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: **2016 INFORMATION TECHNOLOGY - INFRASTRUCTURE CAPITAL PROGRAM**

RECOMMENDATIONS:

1. THAT Council approve the capital expenditure of $4,982,800 for computer equipment replacement, betterments and infrastructure acquisitions, as outlined in this report.

2. THAT Council authorize staff to bring down a Capital Reserves Bylaw in the amount of $5,215,700 (inclusive of taxes) to finance the 2016 IT Infrastructure Program.

REPORT

The Financial Management Committee, at its meeting held on 2016 January 28, received and adopted the *attached* report seeking Council's approval for capital expenditure and bylaw funding for computer equipment replacement, betterments and IT infrastructure acquisitions as part of the 2016 IT Infrastructure Program.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to: City Manager
Deputy City Managers
Chief Information Officer
Director Finance
Director Engineering
Director Planning & Building
City Solicitor

City of Burnaby

TO:	CITY MANAGER	DATE:	2016 January 11
FROM:	CHIEF INFORMATION OFFICER	FILE:	5210-01

SUBJECT: 2016 INFORMATION TECHNOLOGY - INFRASTRUCTURE CAPITAL PROGRAM

PURPOSE: To request approval for capital expenditure and bylaw funding for computer equipment replacement, betterments and IT infrastructure acquisitions as part of the 2016 IT Infrastructure Program.

RECOMMENDATIONS:

1. **THAT** Council approve the capital expenditure of $4,982,800 for computer equipment replacement, betterments and infrastructure acquisitions as outlined in this report.

2. **THAT** Council authorize staff to bring down a Capital Reserves Bylaw in the amount of $5,215,700 (inclusive of taxes) to finance the 2016 IT Infrastructure Program.

REPORT

1.0 INTRODUCTION

The 2016 Provisional Capital Program includes provision for the annual Information Technology capital program to replace aging computer equipment, upgrade or expand infrastructure to support the technical applications throughout City departments and to enhance service to the public and internal business processes.

This report is to present the Council with details on the primary programs for 2016 and the 2016 funding request for approval.

2.0 INFRASTRUCTURE REPLACEMENT $1,905,000

The City maintains an annual replacement program for its computer equipment such as servers, workstations, monitors, tablets and associated peripheral devices. For 2016, funding is required to replace a number of older servers, workstations, cabling, and equipment that have reached the end of their useful life.

To: City Manager
From: Chief Information Officer
Re: 2016 Information Technology - Infrastructure Capital Program
2016 January 11..Page 2

Specific replacement works consist of:

- SAP production server replacement
- Computers, laptops, tablets and related workstation equipment
- Application servers
- Point of sale equipment
- Cabling, re-wiring and fibre-optics
- Backup systems and media
- Network communications equipment
- Telephony equipment
- Uninterruptable power supplies
- Storage disk systems

3.0   INFRASTRUCTURE REQUIRED FOR GROWTH $3,077,800

This program includes purchases of new computer equipment, peripherals, software licences and services. It also provides for technology software application upgrades to support planned 2016 City business application initiatives which address organizational needs, augment public services and reduce business risks associated with aging technology.

Specific works include:

- Telephony system replacement
- Network threat detection and security
- City network link and switch upgrades
- Server virtualization
- Disaster recovery / business continuity provisions
- Cabling, conduit and fibre-optics
- Power systems upgrades and expansion
- New servers to facilitate implementation of departmental applications
- New desktop requirements for departments.

4.0   RECOMMENDATION

The 2016 Information Technology programs are selected based on business and public service continuity needs identified and reviewed by the inter-departmental staff working group and steering committee. The objective of the 2016 program is to replace aging infrastructure and to implement new initiatives that will enhance service to the general public and City departments. Sufficient funds are available to complete the above projects in the 2016 component of the 2015 – 2019 Annual Financial Plan.

To: **City Manager**
From: **Chief Information Officer**
Re: **2016 Information Technology - Infrastructure Capital Program**
2016 January 11...Page 3

It is recommend that Council approve the capital expenditure of $4,982,800 for computer equipment replacement, betterments and infrastructure acquisitions as outlined in this report and that Council authorize staff to bring down a Capital Reserves Bylaw in the amount of $5,215,700 (inclusive of taxes) to finance the 2016 IT Infrastructure Program..

Shari Wallace
CHIEF INFORMATION OFFICER

SW:DB /dd

Copied to:　City Manager
　　　　　　Deputy City Managers (2)
　　　　　　Director Finance
　　　　　　Director Engineering
　　　　　　Director Planning and Building
　　　　　　City Solicitor