City of Burnaby

FINANCE AND CIVIC DEVELOPMENT COMMITTEE

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

SUBJECT: 2015 INFORMATION TECHNOLOGY - INFRASTRUCTURE CAPITAL PROGRAM

RECOMMENDATIONS:

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

2.   THAT Council authorize to bring down a bylaw in the amount of $4,374,000 (inclusive of GST) from Capital Reserves to finance the purchase.

REPORT

The Finance and Civic Development Committee, at its meeting held on 2014 November 18, received and adopted the *attached* report seeking Council's project approval and authorization to bring down a funding bylaw for computer equipment replacement, betterments and IT infrastructure acquisitions as part of the 2015 Information Technology 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

TO:	CHAIR AND MEMBERS FINANCE AND CIVIC DEVELOPMENT COMMITTEE	DATE:	13 November 2014
FROM:	CHIEF INFORMATION OFFICER	FILE:	

SUBJECT: **2015 INFORMATION TECHNOLOGY - INFRASTRUCTURE CAPITAL PROGRAM**

PURPOSE: To request project approval and funding bylaw for computer equipment replacement, betterments and IT infrastructure acquisitions as part of the 2015 IT Infrastructure Program.

RECOMMENDATION:

1. **THAT** the Committee recommend Council approve the capital expenditure for computer equipment replacement, betterments and infrastructure acquisitions as outlined in this report

2. **THAT** Council authorize to bring down a bylaw in the amount of $4,374,000 (inclusive of GST) from Capital Reserves to finance the purchase

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REPORT

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1. INTRODUCTION

The 2015 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 Committee and Council with details on the primary programs for 2015 and the 2015 funding request for approval.

2. INFRASTRUCTURE REPLACEMENT $2.248M

The City maintains an annual replacement program for its computer equipment such as servers, workstations, monitors, tablets and associated peripheral devices. For 2015, funding is required to replace a number of older servers, workstations, cabling, equipment and furniture that have reached the end of their useful life.

Specific replacement works consist of:

- Computers, laptops, tablets and related workstation equipment
- Point of sale equipment
- Cabling, re-wiring and fibre-optics
- Backup systems and media
- Facility security cameras
- Network communications equipment
- Telephony equipment
- Uninterruptable power supplies
- Storage disk systems

The expenditures are estimated at $2,248,000 inclusive of applicable taxes and are available within the General Replacement Funds.

3. INFRASTRUCTURE REQUIRED FOR GROWTH $2.126M

This program includes purchases of new computer equipment, peripherals, software licences and services, and technology software application upgrades to support planned 2015 City business application initiatives which address organizational needs, augment public services and reduce business risks associated with aging technology.

Specific works include:

- Wireless network (Wi-Fi) installations in city facilities
- Network and e-mail threat detection and security
- Server virtualization and load balancing
- City network link and switch upgrades
- New servers to facilitate implementation of departmental applications
- Disaster recovery / business continuity provisions
- Cabling, conduit and fibre-optics
- Power systems upgrades and expansion
- New desktop requirements for departments

The expenditures are estimated at $2,126,000 and it is recommended that staff be authorized to bring down a Capital Reserve Expenditure Bylaw in the amount of $2,126,000 inclusive of applicable taxes to finance the upgrade works as outlined.

4. CONCLUSION:

The 2015 Information Technology programs are selected based on business and public service continuity needs identified and reviewed by the inter-department staff working group and steering committee. The objective of the 2015 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 2015 Provisional Capital Program. It is recommended that the Committee and Council approve the proposed expenditure and staff be authorized to bring down the necessary Capital Reserve Expenditure Bylaw as outlined in this report.

Shari Wallace
CHIEF INFORMATION OFFICER

SW:DB: /dd
Copied to: City Manager
              Deputy City Managers
              Director Finance
              Director Engineering
              Director Planning and Building
              City Solicitor