
FINANCE AND CIVIC DEVELOPMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: CITY OF BURNABY – EMERGENCY GENERATOR AND ELECTRICAL
SYSTEM – MAIN BUILDING**

RECOMMENDATION:

1. THAT this report be received for information purposes.

REPORT

The Finance and Civic Development Committee, at its meeting held on 2012 April 26, received and adopted the *attached* report providing a status update on the construction progress for the Emergency Generator and Electrical Room.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to:	City Manager Deputy City Managers (2) Director Engineering Director Planning & Building Director Finance Chief Building Inspector
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TO: CHAIR AND MEMBERS
FINANCE AND CIVIC DEVELOPMENT
COMMITTEE

DATE: 2012 APRIL 18

FROM: MAJOR CIVIC BUILDING PROJECT
COORDINATION COMMITTEE

SUBJECT: CITY OF BURNABY - EMERGENCY GENERATOR AND ELECTRICAL
SYSTEM- MAIN BUILDING

PURPOSE: To provide a status update on the construction progress for the Emergency
Generator and Electrical Room.

RECOMMENDATION:

1. **THAT** this report be received for information purposes.

REPORT

1.0 INTRODUCTION

Construction is currently underway to replace the original main electrical substation and distribution panel in the City Hall – Main Building which also includes provision for the installation of full emergency power to the building. The substation equipment is comprised of the components installed during the original construction of City Hall in 1956. The equipment has been operating well beyond the expected service life and given the age of the components and unavailability of replacement parts, it was recommended that the system be replaced and upgraded. On completion of this project, City Hall will have a fully updated electrical distribution system and complete full emergency power that will extend the service life of the electrical system, support ongoing maintenance and allow the City to maintain service during a power outage.

2.0 CONSTRUCTION SUMMARY

Since mobilizing on site in late 2012 January, the contractor and sub-trades have been making steady progress. Following site clearing and identification of existing underground services, work began on the excavation.

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From: Major Civic Building Project Coordination Committee
Re: City of Burnaby Emergency Generator & Electrical
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The excavation was completed in two phases to allow for the required relocation of the existing fiber optic lines connecting to the City Hall building. The fiber optic lines were successfully relocated to a permanent location by the contractor in mid-March without any significant interruptions to service. With the fiber optic lines relocated, the remaining excavation and shotcrete shoring was completed during the first week of April. Work immediately began on the formwork for the main floor slab and placement of reinforcing steel for the new electrical room and the emergency generator. Electrical conduits have also been installed within the formwork in preparation for the concrete pour. The concrete for the slab was placed and finished on 2012 April 13.

Other work completed includes the placement of the majority of the new conduits. The work to-date has been satisfactory and has proceeded without impact on the daily operations of the City Hall.

Over the next month, the contractor will be completing the concrete building frame, underground electrical conduits and plumbing lines for storm drainage.

The project is on budget and proceeding in an organized manner. The contractor's current project schedule indicates that construction will be substantially complete by the end of 2012 August. Staff will continue to monitor the progress and provide updated reports during the course of construction.

Lambert Chu, Chair Major Civic Building Project
Coordination Committee

Basil Luksun, Director Planning and Building

JC/RP:jc:ap
Attachment

cc: City Manger
Deputy City Managers
Director Finance
Chief Building Inspector