

REPORT
1996 October 21

CITY OF BURNABY

CIVIC DEVELOPMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

RE: R.C.M.P./Justice Building Emergency Generator

RECOMMENDATION:

1. *THAT* Council receive this report for information purposes.

REPORT

The Civic Development Committee, at its meeting held on 1996 October 03, received the *attached* report providing a construction wrap-up and financial summary for the R.C.M.P./Justice Building Emergency Generator project. The Committee advised that the project was completed on 1996 September 04 within budget.

Respectfully submitted,

Councillor D.R. Corrigan
Chairman

Councillor D.G. Evans
Member

Councillor D. Johnston
Member

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| <p>: COPY - CITY MANAGER - DIRECTOR ENGINEERING - DIRECTOR FINANCE - DIR. PLNG. & BLDG. - CHIEF BUILDING INSPECTOR - OFFICER-IN-CHARGE, R.C.M.P.</p> |
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TO: CIVIC DEVELOPMENT COMMITTEE

1996 SEPTEMBER 17

FROM: MAJOR CIVIC BUILDING PROJECT
COORDINATION COMMITTEE

SUBJECT: RCMP/JUSTICE BUILDING
EMERGENCY GENERATOR

PURPOSE: To provide a wrap-up report on the construction
completion and final project costs

Recommendation:

1. THAT this report be received for information purposes.

REPORT

1.0 Background

In April 1996 the construction contract to provide and install a new emergency generator at the RCMP and Justice building complex was awarded to Bynett Construction Services Ltd. The Emergency power system designed by Reid Crowther and Partners Ltd., has a sufficient fuel supply for seventy two (72) hours running time and generating capacity to supply power for the entire building complex in the event of a power failure. Work began in May 1996 and was determined to be substantially complete on September 4, 1996 after actual on site tests proved the system was performing as designed. The tests conducted on site included two load tests for four hours and confirmation that the electronic warning systems were all operational. One of the two load tests included a simulated power failure causing the generator to start automatically and switch the building over to emergency power. The building operated on emergency power for 4½ hours without incident or loss of service thus completing the required testing.

The emergency generator is on-line and fully operational should the need arise. The contractor has some work of a minor nature to complete over the next two weeks in order to achieve total performance of the contract.

2.0 Financial Summary

The summary of funding and expenses related to the design and construction of the RCMP/Justice Building Emergency Generator is as follows:

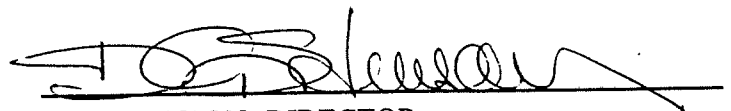
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|---|---------------------|
| Consulting Fees | \$ 28,117.00 |
| Original Construction Contract | \$274,500.00 |
| Additions to the Contract Value | \$3,002.00 |
| Municipal Forces/Separate P.O.'s | \$4,100.00 |
| Related Project Costs (P.P.A., Building Permit, Printing, Courier) | <u>\$2,100.00</u> |
| <u>Net Project Costs</u> | <u>\$311,819.00</u> |
| GST @ 7% | <u>21,827.00</u> |
| <u>Total Gross Project Cost</u> | <u>\$333,646.00</u> |
| Approved Project Budget (including GST) | <u>\$360,000.00</u> |
| Project Surplus | <u>\$26,354.00</u> |

3.0 Conclusion

The emergency generator upgrading of the RCMP and Justice complex was completed on September 4, 1996 within the project budget. Minor work to be completed on site includes modifications to the control panel, painting, installation of the enclosure gates and landscaping by the Parks department. This work is underway now and should be complete over the next two weeks. Staff will arrange for regular testing and monitor this installation over the next year during the warranty period.



W. C. SINCLAIR, CHAIR MAJOR CIVIC BUILDING
PROJECT COORDINATION COMMITTEE



D.G. STENSON, DIRECTOR
PLANNING AND BUILDING

RP:jk

cc: City Manager
Director Finance
Chief Building Inspector
S/SGT. D.B. Pearson - Administrative N.C.O. (RCMP)

