



**To:** Public Works and Transportation Committee      **Date:** November 8, 2005  
**From:** Robert Gonzalez, P.Eng.  
Director, Engineering      **File:** 06-2052-25-FHHA1/Vol 01  
**Re:** Authorization to Execute Green Municipal Investment Fund Agreements

**Staff Recommendation**

That the Mayor and the Corporate Officer be authorized to execute the two Green Municipal Investment Fund documents for the receipt of grants provided by Federation of Canadian Municipalities (FCM) for construction of the new Hamilton Fire Hall.

Robert Gonzalez, P.Eng.  
Director, Engineering  
(4150)

<b>FOR ORIGINATING DIVISION USE ONLY</b>		
<b>CONCURRENCE OF GENERAL MANAGER</b>		
<b>REVIEWED BY TAG</b>	YES <input checked="" type="checkbox"/> <i>lys</i>	NO <input type="checkbox"/>
<b>REVIEWED BY CAO</b>	YES <input checked="" type="checkbox"/> <i>CeD</i>	NO <input type="checkbox"/>

## Staff Report

### Origin

As part of the Community Safety, Fire Hall Replacement project, sustainable design grants were researched including application for a Green Municipal Investment Fund Grant for a project that demonstrates specific and unique green design features. Under the proviso that only one building project could be featured or eligible for the grant, the unique solutions for the Hamilton Fire Hall was selected.

### Background

Specific "Green" design features for the Hamilton Fire Hall were approved in principle by FCM to include geothermal in-floor radiant heating and cooling, rain water collection, solar hot water system, low flow fixtures, green roof, optimized building shape and orientation for solar and wind gain, wind driven ventilation, energy efficient fixtures and equipment, use of recycled materials, and stringent control of green construction waste and procedures. As design and costs have become known, the value of the Green Initiatives Grants has been confirmed in two contracts totaling \$501,400 made up of:

1. \$471,400 towards the Green Construction, Design, and Building features; and
2. \$30,000 towards FCM requirements to report and monitor the Green Initiatives provided by the Grant.

### Analysis

The FCM has forwarded to the City of Richmond, two agreements totaling \$501,400 as contributing Grants towards the design and construction of Hamilton Fire Hall. These contracts require formal signature for final processing.

### Financial Impact

There is no financial impact. These grants form part of the funding strategy for the new Hamilton Fire Hall.

### Conclusion

The green initiatives provided for by these grants will enable the Hamilton Fire Hall to be the first LEED registered Fire Hall in Canada, with an aim to achieve a "Gold" standard.



Odd Bell  
Project Manager  
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