

Request for Recommendation Finance Committee



Type of Decision									
Meeting	November 27, 2008				Report Date	November 26, 2008			
Decision Requested	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>	Low
	Direction Only				Type of Meeting	<input type="checkbox"/>	Open	<input type="checkbox"/>	Closed

Report Title
Back-up generator - Sudbury Community Arena

Budget Impact / Policy Implication	Recommendation
This report has been reviewed by the Finance Division and the funding source has been identified.	

Staff has prepared a budget enhancement to purchase and maintain a back-up generator for the Sudbury Community Arena.

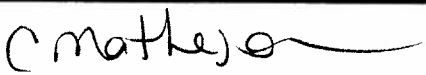
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Background Attached



Recommendation Continued

Recommended by the Department


Catherine Matheson
General Manager of Community Development

Recommended by the C.A.O.


Doug Nadorozny
Acting Chief Administrative Officer

Report Prepared By	Division Review
 Réal Carre Director of Leisure Services	 Réal Carre Director of Leisure Services

Executive Summary

The Sudbury Community Arena has been identified as an evacuation centre. The facility is also home of the O.H.L. Sudbury Wolves Hockey Club and is used extensively as an event centre hosting major community events, concerts and shows. The facility is not equipped with a back-up generator.

Background

As part of a number of identified facilities, the Sudbury Community Arena has been designated as an evacuation centre. The facility is in need of a back-up generator to ensure that the general public can be accommodated at this facility in case of a major emergency. The Dowling Leisure Centre is currently the only designated evacuation centre equipped with a back-up generator system.

As requested by Council, the department has further researched the specifications and cost breakdown of a back-up generator which would have the necessary capacity to operate the Sudbury Community Arena in the event of a black-out.

The proposed installation would consist of a 600 kw diesel generator which would be enclosed in an outdoor weather proof enclosure located at the rear of the arena. The generator would require a larger than the actual load due to the capacity required to initially start the large motors that form part of the refrigeration plant. The additional accessories required as part of the total cost include: generator exhaust stack, fuel tank, automatic transfer switch, battery charger, concrete pad, remote generator status panel and fencing. Modification to the existing electrical system would also be required.

The cost for a 600 kw diesel generator is estimated at \$550,000. A contingency of \$25,000 would be required to cover unexpected cost related to the installation. The maintenance cost is estimated at \$5,000 annually. Total project cost is estimated at a one-time cost of \$575,000 and an ongoing maintenance cost of \$5,000 for a total option of \$580,000.

In regards to issuing a tender for the purchase and installation of the generator if approved by Council, the department will work with the purchasing department to separate the project to obtain separate costs for the purchase of the generator and a cost for the construction of the required outdoor enclosure electrical, etc. The department also works closely with the assets department for major capital projects.

It is also expected that should the City include additional generators as part of one tender, we would expect an excellent price per unit.