

Municipality Of Chatham-Kent

Community Human Services

Housing Services

Information Report

To: Mayor and Members of Council

From: Alain Sasseville, Manager of Housing Assets South
Housing Services

Date: November 16, 2017

Subject: Union Gas Energy Efficiency Program-Housing Services Rebate

This report is for the information of Council

Background

The Municipality of Chatham Kent Housing Services (the Division) is responsible for providing safe, affordable and well maintained housing stock. In an effort to achieve greater efficiency in delivery of services, the Division makes use of energy efficiency incentives whenever they are made available. In the spring of 2017, representatives of Union Gas approached the Division and outlined various programs that may be available to housing providers. One program that suited the needs of the Division was the Energy Efficiency Program. An application to the Energy Efficiency Program was submitted for 85 Pine St, Chatham. This site is a two-story, 91-unit building which had two 44 year old gas-fired Make-up Air Units (MAU) that were highly inefficient. These MAUs were identified in the 2010 Building Condition Assessment (BCA 2010) to be replaced in 2017. Dillon Consulting from Chatham was tasked with calculating the heat loss and air flow requirements to specify the proper sizing for the replacement units. The replacement units were specified to be of high efficiency with variable frequency drives.

Comments

In March of 2017, Postma Heating and Cooling of Chatham had the competitive price via the Municipality of Chatham-Kent's roster policy. Postma's quote to supply and install two MAUs was \$53,840 plus HST, and was below the BCA's projected cost of \$60,000. Postma Heating and Cooling completed this new installation in August of 2017. The two new MAUs provided such a gain in energy savings that an incentive

rebate payable to The Municipality of Chatham Kent, Housing Services from Union Gas was generated in the amount of \$29,420, reducing the Division's cost to \$29,420 plus HST for the two units. Further to this rebate, Union Gas projects a total savings of over 344 850 m3 of natural gas with an estimated cost savings of \$86,200 over the 20 year life of the MAUs.

Chatham-Kent Housing Services is pleased to be presented with this rebate of \$29,420 from Union Gas Limited.

Financial Implications

The net cost of \$29,420.00 plus HST for the two MAUs including engineering fees, after the Union Gas rebate, is covered in the current Housing Division budget.

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Attachment: None

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