



Report to Council

To: Mayor and Council Members
From: Gary Geraldi, Director of Parks and Recreation / Waste Management
Date: August 26, 2024
Subject: NKCC Olympia/Zamboni Room Ceiling Mounted Propane Furnace -
Emergency Replacement

Recommendation:

The Township of North Kawartha replace the Reznor ceiling mounted propane furnace in the NKCC Olympia room immediately, with a Reznor UDXC 250 ceiling mounted propane furnace at a cost of \$6,450. Plus HST, that will be covered from general reserves. This includes supply and installation.

Background:

The NKCC Olympia Room has a Reznor ceiling mounted propane furnace that provides quick heat when the large overhead doors are opened for the arena surface or the outside. The furnace thermostat is kept at a temperature around 15 degrees Celsius and thus, does not need to be kept at room temperature.

Analysis:

During the recent fall/winter inspection of this furnace, a cracked heat exchanger was discovered, and the exhaust motor was damaged. These deficiencies render the furnace unsafe and inoperable. Due to the age of the furnace, cost of parts and labour, repair is not an option, and a replacement unit is required.

The exact Reznor replacement model is \$9,950 plus HST; however, I was able to source an equivalent Reznor replacement furnace with the same BTU and sealed combustion chamber for far less money. The difference is the blower motor design. The current model is a large blower motor, mainly designed to blow air/heat through ductwork. However, as the heat flows freely from the unit with no ductwork, a propeller design blower model with the same BTU, will be sufficient and heat the space accordingly.

The Reznor UDXC 250 supplied and installed will be \$6,450. Plus HST.



Township of North Kawartha

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Financial Implications:

Supply and Install Reznor UDXC 250 Olympia Room Ceiling Mounted Furnace:
\$6,450. plus HST from General Reserves.

Strategic and/or Other Plans:

Infrastructure

1. Ensure that existing infrastructure is sustained reflective of the Asset Management Plan.

Governance

1. Provide Quality Community Programs and Services.
2. Provide effective, clear and transparent Township Communication.

In Consultation With:

Mechanical Contractors

Attachment:

None