

# 2022 Budget Information Paper

Name of Department \*

Parks & Recreation

Budget \*

- Capital (included in capital Forecast, over \$5,000)       Maintenance (On existing items)       New (new item not replacing an existing item)       Operating (not part of Capital Forecast)       Replacement (replacing an existing item in it's entirety)       Refurbish (repair to extend the life of the item)

Please enter a date \*

Sept 16/21

Item \*

ParksRec RefrigPlate&Frame

Account # \*

10-16-1600-5530

Account Name \*

Capital Building

Category \*

Capital- Building

Subject: \*

Complete Alfa Laval Plate & Frame Heat Exchanger Re-Gasket / Re-Furbish

Author: \*

Gary Gerald

**Recommendation: \***

To complete a full refurbish and regasket of the Alfa Laval Plate and Frame Heat Exchanger at the NKCC.

**Background: \***

To date the Township has done an excellent job of performing scheduled maintenance and proactive maintenance of the NKCC Refrigeration components, in an effort to reduce breakdowns, prolong life expectancy, limit disruptions of service, maintain safety and save money through an efficient system.

Plate and Frame Heat Exchangers are much more efficient, have a smaller footprint and a longer life expectancy, than a conventional tube and frame chiller. However, they do have gaskets that should be replaced every 10 to 15 years.

**Analysis: \***

Contract Cimco Refrigeration in the 2022 off-season to do the following:

- Isolate Alfa Laval Heat Exchanger.
- Remove plates.
- Remove old gaskets and dispose in environmentally sound manner.
- Pressure cleaning of all cassettes.
- Re-gasket with Alfa Laval certified OEM gaskets.
- Install regasketed plates on Alfa Laval Heat Exchanger.
- Torque plate back using electronic torquing multiplier wrench to meet Alfa Laval torque specifications.

**Financial Implications:**

**Dollar Amount \***

\$11,000

**How does it affect your budget \***

Increase in Expenses Over Previous Year Budget for this item

**How will it be funded? \***

OMPF

**Details if Other:**

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