

PRRD
Finance
RECEIVED

Jun 05, 2020

Society #: S-0059688

Name: Clearview Arena Society

Civic Address: 13786-223 road

Mailing Address: Box 73

City: Goodlow

Postal Code: V0C 1S0

Contact Person: Debbie Smith

Alternate Person: Matt Bruha

Tel: 250-262-7719

Tel: 250-261-5860

Email: darynstrucking@xplornet.ca

Email:

SOCIETY EXECUTIVES

President: Matt Bruha

Vice President: Donovan Giesbrecht

Treasurer: Debbie Smith

PROJECT COSTS

Total Cost of Project: \$160,000.00

Amount Requested per

For how many years?

1 yr ☒ 2 yrs ☐ 3 yrs ☐Have you applied to a municipality for funding? Yes ☐ No ☒ If so, how much did you apply for?Was your application successful? Yes ☐ No ☐ If so, how much did you receive?

Describe the project for which your organization is requesting a grant and the reason for your request.

If more space is needed, please add it as an attachment to your application.

We are requesting a grant to install a ventilation / dehumidification system to the arena. The relative humidity is 80%-90% inside the arena which increases time to install ice, increases compressor run time and decreases ice quality. The warm air condenses on cold surfaces and that moisture drips off the roof trusses onto the ice surface. The arena has exhaust fans in place right now but this seems to create more problems with condensation when the exhaust fans are used to ventilate after the zamboni is used to clean the ice surface.

ATTACHMENTS REQUIRED:

- Project budget, including all sources of funding
- Current financial statements showing expenses, revenues & savings

Signature of Applicant:

Date:

For Office Use Only

Fair Share: B ☐ C ☐ D ☐ E ☐Gas Tax: ☐PRA: B ☐ C ☐ D ☐ E ☐Other: ☐BCR/PRA: B ☐ C ☐ D ☐ E ☐



Yeti Refrigeration Inc.
1835 1st Avenue
Prince George BC
V2K 4Z4
1-250-640-7322
byron@yetirefrigeration.ca
December 12, 2019

Arena Humidity and Air Quality Report

Sherri Munro
Clearview Arena Society
Box 73
Goodlow, BC
V0C 1S0
clvarena@gmail.com

For your consideration,

For the purposes of this report, the "arena" is the area inside the building that contains the ice surface.

During early and late season operations, the humidity inside the arena presents several problems. These problems are especially acute during the early season, while staff are attempting to make ice in the arena, relative humidity is %80-%90 inside the arena. This essentially creates rain inside the building increasing the time to install ice, increasing compressor run time, and decreasing ice quality. Warm air condenses on cold surfaces and that moisture drips off roof trusses onto the ice surface. This problem becomes worse when the exhaust fans are used to ventilate the arena after the Zamboni is used to clean the ice surface (which is required). Exhaust fan operation could be more accurately controlled with a proper gas detection system.

We propose the installation of a Munters A10 natural gas fired dehumidifier. This unit coupled with a new gas detection system will eliminate all the above problems. It will also result in reduced compressor run times and higher quality ice. The Munters unit is available in a single-phase configuration, this will not require significant changes to the building electrical to accommodate the unit. We have attached a typical layout for gas detection in an arena application.

Our price includes all the required labour and materials to supply and install a new Munters A10 dehumidifier. Our price includes all the gas detection and control work required to interlock the fans, make-up air and detection systems. Pricing also includes, natural gas piping and permits, electrical and sheet metal. Unit to be located outside the arena on the west end of the building. Total Price **\$130,700.00 + GST**

Note: Lead time on dehumidification equipment is 12 weeks.

Thanks for the opportunity

Byron Conroy, Yeti Refrigeration Inc.



I would expect our fees for dehumidification design would look something like this:

- | | |
|--------------------------|---|
| 1. Design Phase: | \$5,000, including a preliminary site visit |
| 2. Constr. Phase Admin.: | \$750 |
| 3. Field reviews: | \$1,000 ea. |

Construction costs would likely be in the \$150,000 range.

This would not include any changes to the existing heating system or the work required for the addition.

The dehumidification system would be sized to handle the future addition and spectator load as described below.

Best regards,

Jim

Jim Davis, P. Eng.

jim.davis@davisengineering.ca

(780) 513-0223 ext 102

(780) 814-3660 cell

J. Davis Engineering Ltd.

PO Box 21065 Grande Prairie, AB T8V 6W7

www.davisengineering.ca



Sherri Munro <clvarena@gmail.com>

FW: Clearview Arena - Quote for a Dehumidifier and Ventilation for the Rink Area

1 message

Claude Chaput <claude@pronorthheating.com>

Sat, Jan 25, 2020 at 6:54 PM

To: clvarena@gmail.com

Cc: jennifer@pronorthheating.com

Sherri,

I Just wanted to reply directly to you regarding this email from Jennifer.

I would advise that you have an engineer actually size and design the complete system including the exhaust fans and ductwork for the dehumidification for your arena. They are an expensive system and not something you want to guess at. I would suggest you approach the engineer who provided the Dawson Creek information or a local engineering firm is Spline Consulting Limited- Brian Wong- 1 778 256 1412 or email- bwong@scleng.com.

Unfortunately Sherri I would not be interested in pricing the system without Mechanical Engineered drawings and specifications. The drawings also should include the electrical and control system. Sorry for any inconvenience this may cause.

Thanks,

Claude Chaput

Operations Manager



PO Box 6142

Fort St John, B.C. V1J 4H6

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Clearview Arena Society
Balance Sheet As at 05/25/2020

ASSET

Current Assets		
Chequing Bank Account	33,527.57	
PETTY CASH	460.00	
Platinum Plan Savings Account	7,858.64	
Total Cash		41,846.21
5 Yr Redeemable Term Deposit	103,532.85	
Credit Union Shares	76.20	
Total Term Deposits		103,609.05
Accounts Receivable	0.00	
receivable	0.00	
Payroll Advances	0.00	
Total Receivable		0.00
Purchase Prepayments		0.00
Total Current Assets		145,455.26
TOTAL ASSET		145,455.26

LIABILITY

Current Liabilities		
Accounts Payable		-28,801.22
Vacation payable		0.00
EI Payable	78.74	
CPP Payable	202.72	
Federal Income Tax Payable	295.81	
Total Receiver General		577.27
WCB Payable		1,859.87
PST Payable		0.00
GST Charged on Sales	0.00	
GST Paid on Purchases	-241.42	
GST Owing (Refund)		-241.42
Total Current liabilities		-26,605.50
TOTAL LIABILITY		-26,605.50

EQUITY

Owners Equity		
Retained Earnings - Previous Year		196,947.35
Current Earnings		-24,886.59
Total Owners Equity		172,060.76
TOTAL EQUITY		172,060.76
LIABILITIES AND EQUITY		145,455.26

Clearview Arena Society
Income Statement 01/01/2020 to 05/25/2020

REVENUE

Sales Revenue

Yerly Ice Rentals	3,460.00
Other Ice Rentals	4,065.00
Skate Sharpening	455.05
Room Rentals	0.00
Concession Revenue	9,001.32
Consession Rentals	0.00
RD Annual Grant	0.00
Grants	0.00

Net Sales	<u>16,981.37</u>
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Other Revenue

Interest Revenue	10.93
Donations	8.00
Advertising revenue	0.00
Miscellaneous Revenue	0.00

Total Other Revenue	<u>18.93</u>
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TOTAL REVENUE	<u>17,000.30</u>
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EXPENSE

Project Development

Purchases	0.00
Freight Expense	172.55

Project Total	<u>172.55</u>
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Payroll Expenses

Wages & Salaries	27,665.76
Concession Wages	2,804.44
EI Expense	679.03
CPP Expense	1,449.73
WCB Expense	204.18
Employee Benefits	0.00

Total Payroll Expense	<u>32,803.14</u>
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General & Administrative Expe...

Accounting & Legal	800.00
Advertising & Promotions	0.00
Bad Debt Account	0.00
Concession Expense	2,847.56
Custodial Expense	197.31
Fuel Expense	186.22
Oil and Diesel Conditioner	0.00
GST Expense	0.00
License & Permits	150.00
Insurance	0.00
Interest & Bank Charges	6.00
Office Supplies	105.59
Miscellaneous	0.00
Repair & Maintenance-Building	1,903.27
Repair & Maintenance-Equipment	1,410.47
Repair & Maintenance-yard	0.00
Small Tools & Equipment Rentals	13.90
Staff Training	0.00
Telephone	413.10
Travel & Entertainment	0.00
Utilities	877.78

Total General & Admin. Expen...	<u>8,911.20</u>
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TOTAL EXPENSE	<u>41,886.89</u>
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Clearview Arena Society
Income Statement 01/01/2020 to 05/25/2020

NET INCOME	<u><u>-24,886.59</u></u>
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