

Village of Hines Creek Council Request for Decision (RFD)

Meeting:	Regular Council Meeting
Meeting Date:	May 28, 2019
Originated By:	Leanne Walmsley, Chief Administrative Officer
Title:	Unfinished Business – Critical Leak Detection Monitoring System
File:	0902

BACKGROUND/PROPOSAL:

In February of 2018 we put out RFD's to install a Critical Environmental brand leak detection system in our Arena. We received quotes from Altawest and Stone Mountain Mechanical.

We were contacted by Occupational Health and Safety for an inspection of our Arena. Jeremy Akins came and did an inspection at the Arena on March 26, 2019.

Attached is the Occupational Health and Safety Contact Report from that day.

Order Compliance 02

Reason for Deactivation:

The employer has provided quotes for the installation of critical environmental gas detection equipment to ensure workers are not over exposed to refrigerants and carbon monoxide. The employer has committed to having the detection equipment installed prior to putting the ice plant back into operation for the 2019/2020 season.

Observation(s)/Finding(s)

During the inspection it was found that the ice resurfacing machine room is not equipped with carbon monoxide detection equipment. The ice resurfacing machine is an Olympia 2000 model that runs on propane.

Requirements:

The employer is required to ensure workers are not exposed to carbon monoxide at a level greater than the exposure limits listed in schedule 1 table 2. The employer is required to monitor exposure limits in the ice resurfacing machine room.

Applicable OHS Legislation:

Chemical Hazards, Biological Hazards and Harmful Substances-General Requirements – Worker Exposure to Harmful substances 16.

DISCUSSION/OPTIONS/BENEFITS/DISADVANTAGES

Upon inspection of the quotes for the Critical Leak Detection system Akins (OH&S) recommended we use Stone Mountain Mechanical as it has the fits our Arena needs better than the other quote.

COSTS/SOURCE OF FUNDING (if applicable)

Attached is the updated quote recommended by OH&S to install the Critical Leak Detection Monitoring System

Option 1 – Basic System	\$ 6,990.00
Option 2 – High output System with multiple Configuration	\$12,100.00

Both systems will do required task. Option 2 simply has more options with endless growth potential for more sensors in multiple areas.

Does not include any labour or travel for installation. Commission, site calibration, training or GST.

RECOMMENDED ACTION:

That Council resolves to install Option 2 Critical Leak Detection Monitoring System in the Dave Shaw Memorial Complex at a quotes price of \$12,100.00 + GST.

Initials show support- Reviewed by:	Manager:	C.A.O. <i>AW</i>
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Stone Mountain Mechanical

19-705007 RR 64

County Grande Prairie AB

T8W 5C5

stonemountainmechanical@gmail.com

GST/HST Registration No.: 864978127

ESTIMATE

ADDRESS

Hines Creek Arena
Village Of Hines Creek
212-10 Street
Hines Creek Alberta T0H2A0

ESTIMATE # 1087

DATE 23/05/2019

ACTIVITY	QTY	RATE	TAX	AMOUNT
Multi-gas detection system .Senses R438A,propane ,natural gas.& carbon monoxide	1	6,990.00	GST	6,990.00
Services Option 1 Basic system Offers gas detection with audible horns and lights. Includes 1_co2 & propane 1- co2 & Nat gas Quad channel controller 1 - R438A sensor 2-strobe and horn Ups power source Freight Factory Calibration certification	1	12,100.00	GST	12,100.00
Services Option 2 High output system with multiple configuration 128 channel controller with sensor availability for refrigerant,nat gas,propane,carbon monoxide,water temperature,endless possibilities.This could run arena and curling rink if wanted. Includes lockable cabinet Refrigerant sensor Co2 & propane Co2 & nat gas Remote relay Controller Remote display Includes 6 external remote light/strobe assemblies Remote power supply with ups				

ACTIVITY	QTY	RATE	TAX	AMOUNT
Freight				
Factory calibration certification				
Both systems will do required task.Option 2 simply has more options with endless growth potential for more sensors in multiple areas.				
Does not include any labour or travel for installation.Commissioning ,site calibration ,training or gst.				

Thanks for opportunity to provide quote.Any questions feel free to call.Thanks Robin

SUBTOTAL	19,090.00
GST @ 5%	954.50
TOTAL	\$20,044.50

TAX SUMMARY

RATE	TAX	NET
GST @ 5%	954.50	19,090.00

Accepted By

Accepted Date