

**The Special Meeting of Council was held on Monday, December 5<sup>th</sup>, 2016 at 9:52pm in the Council Chambers.**

Present: Mayor Mapes, Deputy Mayor Jungkind, Councillors McKay, Candow, Anderson, Jameson

Staff: Gloria Murdock-Smith – Senior Administrative Officer, Ruth Boden – Director of Finance, Ross Potter – Director of Protective Services, Earle Dumas – Director of Public Works, Stacey Barnes – Executive Assistant & Recording Secretary,

**1. CALL TO ORDER:**

This Meeting was called to order at 9:52pm pm with Mayor Mapes presiding.

**2. ADOPTION OF AGENDA**

**#16-398**

**MOVED BY: CLLR ANDERSON  
SECONDED BY: CLLR CANDOW**

**CARRIED**

**3. DECLARATION OF INTEREST**

There are no Declarations of Interest during the Special Meeting of Council, Monday, December 5<sup>th</sup>, 2016.

**4. NEW BUSINESS**

a) Overhaul of Artificial Ice Plant

**RECOMMENDATION:**

**#16-399**

**MOVED BY: DEPUTY MAYOR JUNGKIND  
SECONDED BY: CLLR JAMESON**

**THAT THE COUNCIL OF THE TOWN OF HAY RIVER directs Administration to use 2016 O&M Recreation funds to overhaul the artificial ice plant for the Don Stewart Recreation Centre for a total of \$ 168, 905 plus GST including \$4500 in freight, and without causing delay in the project.**

**CARRIED**

**BACKGROUND:**

Cimco reviewed the original engineered drawings for the Ben Sivertz Arena and realized the system was

in installed during the summer of 2001, that put the package age at 15 years. Generally, as a rule of thumb, we give ice plants a twenty year life span. Moving forward it might be a good idea to suggest to the town to provide a complete overhaul to the package to increase its lifespan an additional 15 – 20 years. Given the package contains the best of equipment at the time; they really have not been upgraded since new. The problem with mechanical and computer technology rapidly changing, it also means that a lot of items become obsolete as the case on this package.

I would recommend the following;

Package to be shipped to CIMCO Edmonton Facility

**COMPRESSORS**

**RXF - 24**

- Upgrade microprocessor – existing are obsolete
- Replace oil separator coalescer
- Replace external oil filter
- Replace compressor shaft seal
- Replace bearings and shaft on 60 HP motor
- Replace Vickers slide valve solenoid
- Add new oil at start up

**RXF-30**

- Upgrade microprocessor – existing are obsolete
- Replace oil separator coalescer
- Replace external oil filter
- Replace compressor shaft seal
- Replace bearings and shaft coupling on 75 HP motor
- Replace Vickers slide valve solenoid
- Add new oil at start up

**ENHANCED SURFACE CONDENSER**

- (TUBE BUNDLE WILL BE ACCESED MAY HAVE TO REPLACE)
- Ship condenser to Edmonton
- Remove side panel and Inspect coils for calcium build up
- Dismantle top section and remove tube bundle
- Send tube bundle to Daam Galvanizing for acid dip to remove scale
- Add new zinc coating
- Assemble and add new belts and fan and motor bearings

**ARENA PLATE & FRAME EVAPORATORS**

- Remove plate exchanger from package for cleaning and re-gasketing
- Re-install on package

**CURLING RINK PLATE & FRAME EVAPORATOR**

- Remove plate exchanger from package for cleaning and re-gasketing
- Re-install on package

**ARENA BRINE PUMP**

- Add new bearing on bearing housing
- new shaft seal
- inspect and impeller
- New gaskets

**CURLING RINK BRINE PUMP**

- Add new bearing on bearing housing
- new shaft seal
- inspect and impeller
- New gaskets

**MOTOR CONTROL PANEL**

- Inspect all relays and connections
- Upgrade contactors

**COMPUTER ICE MANAGEMENT SYSTEM**

- Inspect and check programming

**PAINT SKID**

**Estimated budget .....\$168,905.00 Gst Extra**

**COUNCIL POLICY / STRATEGY OR GOAL:**

N/A

**APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:**

N/A

**FINANCIAL IMPLICATIONS:**

\$168,905.00 plus GST including \$4500 in Freight  
Funds to be used from Recreation Centre 2016 O&M

**ALTERNATIVES TO RECOMMENDATIONS:**

N/A

**ATTACHMENTS:**

Cooling plant information package

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**Prepared by:**

Gloria Murdock-Smith  
Date: December 1<sup>st</sup>, 2016

**5. ADJOURNMENT**

#16-400

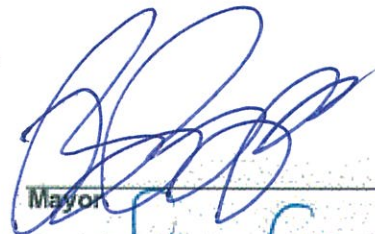
**MOVED BY: CLLR CANDOW**

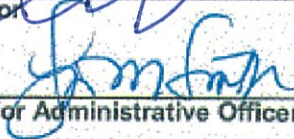
**CARRIED**

**That the Special meeting of Council be adjourned at 9:58 pm.**

**Certified Correct as Recorded on the 5<sup>th</sup> day of December, 2016.**

**These minutes were accepted by motion # 16-403 .**

  
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Mayor

  
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Senior Administrative Officer