

October 27, 2023



South River Machar Arena
1 Lincoln Ave,
South River, ON POA 1X0

Request for proposal 01-2023 Mechanical Arena Upgrades

The South River Machar Arena requires the following;

1. Supply and Install New Dehumidifier
2. Supply and Install New Shell & Tube Chiller and Bucket-trap Assembly
3. Supply and Install New Back Up Brine Pump
4. Supply and install Cooling Jacket Loop

Scope of Work for 1

- Remove existing Munters dehumidifier and replace with similar or better unit consistent with current ducting
- Include all materials to connect new unit to existing ductwork and electrical
- Include all associated labour, rentals, and commissioning

Scope of Work for 2

- Remove existing shell and tube chiller and replace with new similar or better chiller and tube
- Include all associated pipe and fittings to connect to existing system
- Include new bucket-trap assembly – bucket-trap, hand expansion valve, isolation valves
- Include new high level float off chiller
- Include new main suction (king) valve off the chiller
- Include new tee piping for a backup system connection
- Include all associated insulation work required – 2” SM with white vinyl (pvc) wrap
- Include all associated labour, welding work, rentals, pressure testing, painting and commissioning

Scope of Work for 3

- Supply and install new back up brine pump suitable for system
- Include cutting into existing system and configuring setup for new back up pump
- Include all associated butterfly valves, gauges, pipe and fittings for the install
- Include all associated insulation work required – 2” SM with white vinyl (pvc) wrap
- Includes all associated labour, welding work, rentals, pressure testing, painting and commissioning

Scope of Work for 4

- Install cooling jacket loop pump and associated piping to existing glycol loop in condenser.

Terms

- **Work to commence on April 1, 2024 and be complete by May 31, 2024 assuming contract awarded prior to Dec 1, 2023. Timelines are critical. Plant must be fully operational by June 15, 2023 or financial penalties of \$1000 /day will be imposed for lost revenue and to accommodate user group at another facility.**
- **Proposals are graded 50% on price and 50% on value proposition. This is a request for proposal and all options presented will be considered. The lowest or any proposal may not be awarded.**
- **All engineering, permitting, and TSSA work to be included in pricing.**
- **For technical information or to schedule a site visit contact;**

**Chief Arena Operator Justin Forget
at 705-386-2622 or arena@southriver.ca**

- **Proposals must be submitted by 2PM Friday November 17, 2023 to:**

**Don McArthur, Clerk-Administrator
63 Marie St., Box 310
South River, ON
POA-1X0
Or via email to clerk@southriver.ca**