EFFICIENT AIR SYSTEMS, INC

Scope of Work for 50 Meter pool

Monteith Construction Jan,1st 2026

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Efficient Air scope of work;

- To supply the EASi pool dehumidifier, set the unit in place on a concrete pad to include crane (concrete pad by others). No Curb Required.
- Assemble the pool Dehumidifier as it will come in two pieces.
- Coordinate the startup with other trades (startup included) (Maintenance training by EASi)
- Balanced by pressure within Natatorium (By EASi)
- 3-way HW valve supplied by EASi.
- Provide warranties

Mechanical Contractors' scope of work,

- To supply a Trane Condensing unit, set the unit in place on a concrete pad in close proximity to the pool dehumidifier. (Crane can be coordinated at the same time as the pool dehumidifier lift)
- ACR piping & insulation between the dehumidifier and Condensing unit, to include required refrigerant, and all components to include: TXV valves, filter dryers, sight glasses, solenoid valves, and any other components to satisfy manufacturer installation requirements for a complete system. Trane factory startup to be included and coordinated with EASI and Mechanical contractor startup.
- Hot water Piping and insulation from the boilers to the pool dehumidifier hot water coil to include HW pump, supply and return temp sensor wells, etc for a complete system. (3-way valve supplied by EASi).
- To supply and install ductwork both supply and return/exhaust via SMACNA Standards from the dehumidifier to the natatorium as per drawings; to include exterior insulation, required RG&D's, to supply and install Interior duct sock by Hero manufacturing for a complete installation. Cutting and patching of exterior envelope by others.
- Condensate piping from Dehumidifier to proposed drainage pit or other means to remove any

Condensate created by dehumidifier.

- Low Voltage wiring to and from Pool dehumidifier and Condensing unit by mechanical contractor.
- High Voltage to and from Pool Dehumidifier and Condensing unit by a Licensed electrician.
- Automation BMS by others.
- Provide required warranties

All contractors and manufacturers to coordinate the installation of the Pool Dehumidification system and provide a complete dehumidification system for the NIR YMCA expansion.

Thank you,

Patrick Beaudoin CSE

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