

Prairie Ag Contracting Co. Inc.

TRADE SCOPE OF WORK

Mechanical - Plumbing, HVAC, Hydronics & Kitchen Exhaust Grunthal Arena Expansion Grunthal, Manitoba

Project	Grunthal Arena Expansion
Trade Scope	Mechanical - Plumbing, HVAC, Hydronics & Kitchen Exhaust
Location	Grunthal, Manitoba
Owner	RM of Hanover
Spec Sections	Divisions 22 and 23; Mechanical drawings 2-M0-00 to 2-M7-01; Mechanical specifications; related kitchen/exhaust requirements

Reviewed references: Project Manual dated 2026.06.03; Architectural, Structural, Civil, Mechanical, and Electrical tender drawings/specifications, as applicable.

Scope Includes:

- Complete mechanical installation including plumbing, HVAC, hydronic heating, natural gas, controls coordination, kitchen exhaust, testing, balancing, commissioning, and closeout.
- Mechanical demolition, disconnections, make-safe, removals, patching, and tie-ins to existing mechanical systems affected by the work.
- Underslab plumbing, sanitary waste and vent piping, domestic cold water, domestic hot water, hot water recirculation, floor drains, cleanouts, traps, trap primers, and hose bibbs.
- Plumbing fixtures including water closets, urinals, lavatories, sinks, showers, janitor sink, drinking fountain, grease interceptor, water softener, domestic water heaters, and related valves/accessories.
- Hydronic heating including boilers, pumps, manifolds, in-floor heating, unit heaters, force flow heaters, expansion tanks, separators, filters, chemical pot feeder, water treatment, valves, gauges, and piping.
- HVAC equipment including AHUs, ERV, MUA, heat pumps, condensate pumps, exhaust fans, ductwork, grilles, diffusers, dampers, louvers, intakes, vents, duct insulation, piping insulation, and acoustic duct lining.
- Natural gas piping, boiler/domestic water heater venting, chimneys/stacks/breeching, refrigerant piping, condensate piping, and mechanical equipment supports/hangers.
- Commercial kitchen hood, kitchen exhaust fan, make-up air system, grease duct, fire/smoke dampers, and coordination with kitchen fire suppression controls.
- Controls wiring/devices furnished under mechanical scope, thermostats/sensors, control valves, actuators, balancing valves, and coordination with electrical/BAS/fire alarm interfaces.
- Testing, adjusting, balancing, flushing, start-up, seasonal commissioning, owner training, O&M; manuals, as-builts, warranties, and inspection certificates.

Scope Notes / Coordination:

- Review the complete project manual, architectural, structural, civil, mechanical, and electrical drawings before pricing.
- Verify all existing conditions, dimensions, elevations, service locations, and clearances on site prior to fabrication or installation.
- Coordinate sequencing, access, laydown, penetrations, embeds, sleeves, blocking, shop drawings, inspections, and tie-ins with Prairie Ag and other trades.

- Include protection of existing arena areas to remain, public safety, temporary barriers, cleaning, and making good surfaces affected by this work.
- Identify all assumptions, exclusions, alternates, long-lead items, and clarification items in the quotation.

Submittals / Closeout:

- Submit product data, shop drawings, samples, engineered drawings, mockups, test reports, and warranties where required by the project manual.
- Provide closeout documentation, as-builts, inspection certificates, commissioning reports, maintenance information, and O&M; data as applicable to the scope.

Bid Clarifications:

- Fire suppression standpipe/sprinkler system is issued as a separate trade scope below, but mechanical contractor must coordinate all water, valve, flow switch, kitchen hood, and fire suppression interfaces.

Pricing Note: Contractor to include all labour, material, equipment, tools, lifts, layout, supervision, coordination, delivery, installation, testing, cleanup, and warranty required to complete this scope in accordance with the full tender documents. GST to be shown separately.