

Walk-In Freezer Purchase and Installation

District: Moravia CSD
Address: 505 N. Trussel
City, State, Zip: Moravia, IA 52571

Issue Date: 3/26/26
Bid Due Date: 4/22/26 at 2:00 pm

Contact Person:
Sam Swenson
Superintendent
Phone: 641-724-3241
Email: sam.swenson@moraviacsd.com

1. INVITATION TO BID

The **Moravia CSD** is requesting sealed bids for the **purchase, delivery, and installation of one walk-in freezer** for use in the District's School Nutrition Program.

This procurement is conducted in accordance with:

- **2 CFR Part 200 – Uniform Administrative Requirements**
- **USDA School Nutrition Program procurement regulations**
- **Iowa Department of Education School Nutrition Program guidance**

Funding for this purchase may include **federal Child Nutrition Program funds**.

2. PROJECT DESCRIPTION

The district intends to purchase and install a **commercial walk-in freezer** at:

Moravia CSD

505 N. Trussel

Moravia, IA 52571

The selected vendor will provide the following with mandatory project completion date of August 1st.

- Equipment
 - Delivery
 - Installation
 - Startup and testing
 - Warranty documentation
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3. MINIMUM SPECIFICATIONS

School District Walk-In Cooler/Freezer Combo

Primary Dimensions: 12' Wide x 26' Long x 7.5' (90") High

Application: Exterior Slab (Outdoor)

1. Structural & Panel Construction

- Dimensions: 12' x 26' x 7' 6" nominal
 - Insulation: 4" thick modular, foamed-in-place polyurethane or extruded polystyrene (XPS)
 - R-Value Compliance: Minimum R-25 for Cooler and R-32 for Freezer (2026 DOE compliant)
 - Finish: 26-gauge stucco-embossed Galvalume or white-coated steel for maximum corrosion resistance
 - Joints: Tongue-and-groove with cam-lock fasteners and NSF-approved
- ### 2. Flooring & Slab Requirements
- Freezer Floor: 4" thick insulated floor, wood-reinforced, with a stainless steel interior finish
 - *Requirement:* Floor must be rated for 600–700 lbs/sq. ft. to accommodate heavy food crates and carts
 - Cooler Floor: Floorless design (on slab) with U-shaped vinyl screeds and heavy-duty perimeter base trim for a watertight seal to the concrete
 - *Note:* This ensures the cooler is flush with the exterior slab for easy cart access

3. Enhanced Outdoor Package (Iowa Climate)

- Rain Roof: Single-membrane polyester/PVC roof system (White) with all necessary connectors and termination bars

- Sloped Barrier: Include a sloped foam barrier (minimum 1/4" per foot) to ensure water runoff away from the building
- Drip Protection: Heavy-duty rain hoods (drip caps) installed over all exterior door openings
- Low-Ambient Kit: Condensing units must be rated for operation in -20°F ambient temperatures (Iowa winters)

4. Doors & Access (School Grade)

- Main Entry Doors: Two (2) 36" x 76" or 38" x 76" heavy-duty doors
- Hardware: Three (3) heavy-duty adjustable cam-rise hinges per door and spring-loaded hydraulic door closers
- Vacuum Relief: Freezer must include a heated, factory-mounted pressure relief port to prevent door-lock
- Safety: Keyed deadbolt handles with glow-in-the-dark interior safety releases and integrated safety night lights
- Protection: 24" high aluminum diamond-plate kick plates (interior/exterior) and PVC strip curtains

5. Refrigeration Systems (2026 EPA Compliant)

- Refrigerant: Systems MUST utilize A2L-compliant refrigerants (e.g., R-454A/C) to meet current EPA mandates for 2026 installations
- Configurations:
 - Cooler: Targeted +35°F to +38°F
 - Freezer: Targeted -10°F to 0°F
- Controls: Digital LED controllers with high/low temperature alarms and light-pilot switches
- Defrost: Air defrost for cooler; Electric defrost for freezer

6. Required Warranties

- Panels: 15-year limited structural warranty
- Refrigeration: 1-year parts and labor; 5-year compressor warranty

4. BID SUBMISSION REQUIREMENTS

Bids must include:

1. Vendor company name and contact information
 2. Equipment specifications and model number
 3. Total cost including delivery and installation
 4. Estimated delivery timeline
 5. Warranty information
 6. References for similar installations
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5. BID DEADLINE

Sealed bids must be received no later than:

April 22, 2026 at 2:00 pm

Submit bids to:

Moravia CSD
Attn: Sam Swenson
505 N. Trussel
Moravia, IA, 52571

Late bids will **not be accepted**.

6. BID OPENING

Bids will be publicly opened at:

Location: Moravia CSD central office (Superintendent Office)

Date/Time: April 22, 2026 10:00 am

7. EVALUATION CRITERIA

Bids will be evaluated based on:

- Price
- Compliance with specifications
- Delivery timeline
- Vendor experience and references
- Warranty and service support

The district reserves the right to **accept or reject any or all bids**.

8. DELIVERY TIMELINE

The district prefers delivery and installation **no later than 8-1-26** if possible.

9. NONDISCRIMINATION

The contractor shall comply with all applicable federal and state nondiscrimination laws and USDA civil rights requirements.

10. QUESTIONS

Questions regarding this bid should be directed to:

Sam Swenson
Superintendent
641-724-3241
sam.swenson@moraviacsd.com

BID FORM (ATTACHMENT A)

Vendor Name: _____

Equipment Make/Model: _____

Total Price (including installation):

\$ _____

Estimated Delivery Time: _____

Warranty Details: _____

Authorized Signature: _____

Date: _____

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