

Ronald McNair High School Nutrition Services Department
Walk-In Refrigerator and Freezer Replacement
Lodi Unified School District

SCOPE:

OPEN TO C38 CUPCCAA CONTRACTORS

Provide all labor, materials, taxes, transportation, equipment, and services necessary for the demolition, removal, and replacement of existing walk-in refrigerator and freezer boxes and associated refrigeration equipment. Work shall be complete, operational, and compliant with all applicable codes and District requirements. The contractor is responsible for any and all permit fees.

DEMOLITION & REMOVAL

- Demolish and remove existing walk-in refrigerator and freezer boxes and associated refrigeration equipment. Off haul and dispose of material in accordance with local waste regulations.
- Remove and dispose of existing refrigeration line sets.
- Properly recover, dispose, and document existing refrigerant in accordance with EPA and State regulations.
- Repair back walls where moisture damage has occurred.
- Re-brace bottom wall plate and lower metal studs as required.
- Patch, repair, and replace sheetrock as needed.
- Any major structural damage discovered shall be brought to the District's attention for approval.

WALK-IN BOXES & STRUCTURE

- Furnish and install a new complete all in one combination indoor walk-in refrigerator and freezer, including floor. (District must approve design prior to ordering.)
- Supply equal and equivalent to Thermalrite, Duracold, Bally Brand. Must be approved by LUSD.
- Units shall share a common interior wall.
- Contractor shall field-verify all dimensions prior to fabrication.
- Eliminate the existing outside entrance door in the freezer compartment.
- Provide and install interior ramp as required.
- Finished floor shall be aluminum diamond treadplate.
- Doors and kick panels shall be reinforced with aluminum diamond treadplate.
- Meet or exceed recommended R-value ratings for walls, ceiling, and floor.

DOORS & SAFETY FEATURES

- Furnish and install walk-in refrigerator and freezer doors.

- Freezer door shall include a heated frame and air vent.
- All doors shall include safety release hardware, cam-rise spring hinges, and heavy-duty hydraulic door closers.
- Provide door vision panels; The freezer vision panel shall be heated.
- Install emergency exit signage inside both boxes.
- Entrance to freezer shall be from inside of refrigerator.

REFRIGERATION SYSTEMS

- Furnish and install new refrigeration systems for both the refrigerator and freezer.
- The refrigerator system shall include an air-defrost evaporator.
- Freezer system shall include electric-defrost evaporator.
- Replace and install new insulated refrigeration line sets.
- Reconnect systems to existing utilities, (Electrical & Plumbing)
- Contractor to verify voltage and phase prior to installation.

ELECTRICAL & LIGHTING

- Provide and install interior LED lighting.
- Provide light switch with integrated digital thermometer.
- Provide exterior temperature display for both boxes.
- New lights are to be installed with existing electrical.

FINISHING & SEALING

- Provide required trim metal from box to wall.
- Flash and seal all areas where boxes meet adjacent walls and ceilings.
- Seal all penetrations to maintain sanitation and thermal integrity.

CLEANUP & START-UP

- Clean interior and exterior surfaces upon completion.
- Remove all debris from the work area.
- Perform start-up and operational testing.
- Verify refrigerator maintains approximately +35°F.
- Verify freezer maintains approximately 0°F.

COMPLIANCE

- Equipment shall comply with California Energy Commission regulations.
- Refrigeration systems shall be California EPA compliant.
- Installation shall meet all applicable State and local codes.

PROJECT SCHEDULE

Work shall be completed within a two (2) week period during June 2026. Exact schedule to be coordinated and approved by the District.

WARRANTY

- One (1) year warranty on complete installation.
- Five (5) year parts and labor warranty on compressors.
- Ten (10) year warranty on walk-in panels.