

Spotlight on Commercial Contractors of Southwestern Illinois

Korte & Luitjohan learn clients' operational logistics to help build, expand upon success

Working closely with the client and gaining an understanding of their operation have been critical in the expansion of Crown Linen in Columbia. While furnishing and installing a pre-engineered metal building (PEMB) is not new to Korte & Luitjohan Contractors, Inc. (K & L), the Crown Linen project required an understanding of the intricacies of a sophisticated commercial laundry facility.



One view of the PEMB facility constructed for Crown Linen in Columbia, Mo.

Keith Muckensturm, project manager, said, "Our prior experience with similar projects was a plus. But to successfully perform our work, we needed to know how their facility functioned. This allowed us to make sure the owner's laundry equipment needs were integrated into the building design."

Construction of the approximately 13,700-square-foot laundry and a 720-square-foot boiler room began in early March 2022. The project also calls for a new loading dock, new parking lot for employees, and a drainage/detention pond.

Founded in Mexico, Mo., in 1891, Crown Linen opened a second location in Columbia in 2005, where they process around 300,000 pounds of tablecloths, napkins, aprons, and lab coats each week.

John Whitworth, K & L vice president, commented, "As part of the pre-construction services we provided for the project, we coordinated with the owner's

architect, to receive MEP's budgets and proposals. With our past project experience in the city of Columbia, we assisted the owner in obtaining the necessary permits. We are excited to be part of the expansion to Crown Linen that secures jobs for the area, as well as improvements to the water consumption and energy efficiency of their overall operations."

Muckensturm credits K & L's "knowledgeable field staff, attention to detail, and ability to adapt and overcome impromptu challenges" as keys to the project's successful execution. He also points to the importance of coordination with Crown Linen's laundry equipment supplier, so everyone could work simultaneously, while not disrupting the company's daily production.

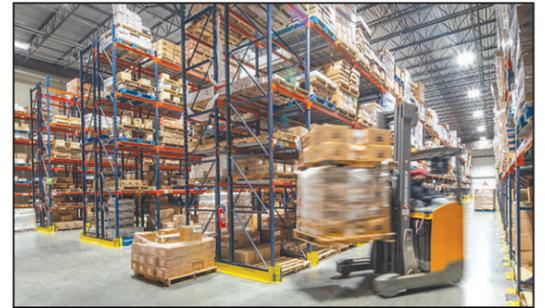
The end of November 2022 is the anticipated project completion for K & L's portion of the work.

Contegra Construction meeting cold storage needs

Among the many projects Contegra Construction is currently constructing, Sensient Technologies in Sauget, Ill., and Rickenbacker Cold Storage in Columbus, Ohio, are literally "pretty cool."

Both are cold storage facilities.

Rickenbacker is used for food. Sensient stores dyes and colors used in food products. They are just the tip of the iceberg on emerging



A view of Contegra Construction's Kuna Food Service Plant Expansion.

cold storage technology that Contegra builds across the country. Over the past five years, Contegra has built five cold storage facilities ranging in size from 30,000 square feet to 170,000 square feet in St. Louis Metro, Columbus, Ohio and Richmond, Va.

E-commerce is driving cold storage demand, not only for home grocery deliveries but co-location storage for multiple businesses, including restaurants, food processors, food stores and others. Cold storage facilities now serve many with flexibility borne from thoughtful design. Consider the following:

Some facilities are topped by self-contained mini penthouses, each hosting a refrigeration system for easy maintenance. They can regulate a wide range of temperatures for freezer and cooler storage and sustain temperatures as low as -10 degrees Fahrenheit with flexibility to adjust temperatures as needed.

The all-steel structures are wrapped with insulated metal panels specially designed for cold storage. They can be designed to accept demising walls to create separate compartments of varying cold temperatures for multiple tenant storage.

A specialized floor slab system is critical to avoid "frost heave" that can create major issues with the buildings' structural integrity and climate control. One solution by Contegra is to create a glycol heat recovery loop to recycle the heat into the slab, maintaining its thermal stability.

These facilities require a robust electrical infrastructure to power refrigerant systems. In addition, they can have separate metering to track power usage of each tenant.

The pharmaceutical industry is also tapping Contegra for cold storage facilities. They are being designed to give them optimal flexibility and accommodate multiple tenants.



KORTE & LUITJOHAN

CONTRACTORS

Serving the
St. Louis
Metro East and
Southern &
Central Illinois.

Building A Higher Standard

12052 Highland Rd. Highland, IL 62249 618-654-9877

Design-Build
Construction Management
General Contractor



Crown Linen - Columbia, IL

What can we build for you?

Buildings
Industrial
Infrastructure

www.korteluitiohan.com

GENERAL CONTRACTING | DESIGN-BUILD | CONSTRUCTION MANAGEMENT

CONSTRUCTION

WITH INTEGRITY





CONTEGRA

618.931.3500 | CONTEGRACC.COM