



A Total Electrical Construction, Engineering, Facilities, and Energy Services Company.

Providing clients full-service electrical
preconstruction and construction services,
including electrical systems design,
alternative energy and energy-management
systems, technology services, and
facilities-maintenance services





MAIN CAPABILITIES

Single-Source Electrical, Engineering, and Energy Solutions



KDC Inc.

An EMCOR Company

KDC Inc. provides high-performance solutions for a broad range of industrial and commercial markets including healthcare, transportation, manufacturing, pharmaceutical, energy production, food processing, and more.

For everything from small needs through large and complex projects, our in-house capabilities and fabrication facility equip us to serve as your single source for reliable, expert electrical, engineering, and energy services—wherever you are, nationwide.

Complete Commercial and Industrial Electrical Services

Our experienced electrical experts manage a vast array of project types, including new or retrofitted power distribution, instrumentation repair, low-voltage systems design and installation—and much more.

We can construct, renovate, design-build, install, or service:

- > Power distribution
- > Overhead/underground electrical systems
- > Building electrical and lighting systems
- > Transit and transport systems (rail, port, airport, bus, intermodal)
- > Electric vehicle charging stations
- > Emergency/standby/backup generators, automatic transfer switches, and uninterruptable power supply
- > HVAC process control systems

- > Fire and life safety systems
- > Roadway lighting and traffic surveillance controls

To help you achieve exceptional responsiveness and increase efficiency and cost control, we can also install, calibrate, test, start-up, and maintain many leading-edge electrical systems.

Custom Panel Construction and Testing

Working closely with KDC Systems, we manufacture custom panels for many applications such as water/wastewater process, material handling, and building automation. From pushbutton stations through wall-mount, multi-door, and floor-standing enclosures, we build control panels that house programmable logic controller/distributed control systems, operator interfaces, variable frequency drives/motor controls, and power distribution devices. We also offer control panel testing, and can help resolve design issues on third-party engineered panels.

MARKETS SERVED

Commercial

- Tenant improvement
- Office buildings/real estate
- Retail

Higher Education

Healthcare/Biotech

- Hospitals
- Labs
- Pharmaceutical

Transportation

- Port/container terminal
- Airport
- Traffic signals/street lighting
- Subway

Entertainment/Hospitality

- Casinos
- Hotels

Manufacturing/Industrial

- Food processing
- Power plants
- Conveyor systems
- Water/wastewater

Public/Government

Mission Critical/Technology

- Data centers
- Emergency call centers

Renewable Energy

- Solar
- Wind

Integration

- UL listed control panel manufacturing
- Programmable logic controller/distributed control system design and programming
- Building management/automation systems

In-House Systems Integration

KDC Systems provides design, engineering, and program integration for automation, process control, and building management systems. In our UL-certified panel shop we can design, construct, program, and test sophisticated control panels, and ship nationwide.

Specialized Transportation Industry Expertise

As a leader in the transportation market, KDC Inc. offers a team of experts specifically dedicated to transportation projects. We install pull boxes, vaults, wiring, lighting, structures, fixtures, gear, cameras, and cables, to deliver a wide range of systems and services, **including:**

- > Bus rapid transit
- > Closed circuit television video detection
- > Fiber optic systems
- > Intelligent transportation systems
- > Interconnected signal systems
- > Street lighting
- > Traffic management and signals
- > Conventional trenching
- > Noninvasive directional boring
- > Underground conduits
- > Foundations
- > Restoration

Preconstruction to Help Optimize Results

Our preconstruction services—including designbuild, design-assist, budgeting, cost trending, value engineering, constructability reviews, logistics, scheduling, and more—help reduce design conflicts and eliminate delays. We thoroughly document our reviews and offer recommendations for addressing any issues, before they become expenses or setbacks. Our design-build experience qualifies us to introduce cost savings into a project's design. We'll provide good, better, and best options to help you make informed decisions.

Building Information Modeling to Keep Projects On Track

KDC Inc. seamlessly coordinates with other trades to identify, interpret, and clarify proper power requirements, control and communication needs, and constructability. We leverage our breadth of Building Information Modeling software such as AutoCAD MEP, Autodesk, BIM 360, 3ds Max, iConstruct, Inventor, Navisworks, and Revit to identify conflicts and confirm spatial needs. We can even custom develop applications in-house. Incorporating this leading-edge technology helps us value-engineer your most efficient designs, so projects can stay on time and on budget.

SERVICES

Complete electrical construction

Preconstruction services

VDC/BIM/3D modeling

Design Build/Design Assist

Lighting/Lighting Control/
Title 24 Compliance

Power and emergency distribution

LV Systems: Fire Alarm/
Nurse Call/ Multi-Media

Medium and high voltage distribution

Cogeneration

Integration and systems design

Network design and installation

cGMP (Good Manufacturing
Practices)

Panel fabrication

Instrumentation and controls

Tenant improvement



Certified Energy Services for Efficiency and Compliance

KDC Inc. can customize energy solutions to meet your budget and performance criteria, while also ensuring your projects meet all the latest sustainability and energy regulations. **Our complete range of energy-efficiency solutions include:**

- > Energy design-build and construction services
- > Photovoltaic generation systems
- > Battery energy storage systems
- > Electric vehicle charging stations and infrastructure
- > Cogeneration

As an Acceptance Test Technician Certification Provider approved by the California Energy Commission in accordance with Title 24 of the California Energy Code, we can help you reduce your facilities' energy consumption. We're also well-versed in the requirements for compliance with the International WELL Building Institute's WELL Building Standard, and the International Living Future Institute's Living Building Challenge Standard, Core Green Building Certification, Zero Energy, and Zero Carbon certifications.

Prefabrication

KDC Inc. operates a full-scale fabrication shop, with an additional 20,000 square feet of warehouse space. Our shop is outfitted with leading-edge fabrication tools, specialty equipment, and electrical infrastructure for third-party testing instruments. In this controlled environment, our team safely prefabricates a wide range of solutions including conduit and raceway support systems, conduit bending and threading, temporary lighting power, lighting controls, light fixture preparation, panelboard modifications, pre-punched boxes and brackets, and wired and non-wired device assemblies. Our extensive prefab experience means we take a forward-looking approach, customizing solutions that help improve on-site construction.

Always Working Safely

KDC Inc. believes that reduced risk helps to reduce injuries—and an injury-free project will be more productive. Our people, from leadership through the field, embrace our "Be There For Life!" Program. We share a conviction that every injury is preventable and ZERO is attainable. With this philosophy and culture, we create a site-specific safety plan for each project. Our goal is to have everyone return home from work in the same health that they arrived.



Harnessing the Power of a Fortune 500® Leader

A Fortune 500® company, EMCOR Group, Inc. (NYSE: EME) is a leader in mechanical and electrical construction, industrial and energy infrastructure, and building services.

EMCOR specializes in planning, installing, operating, maintaining, and protecting the sophisticated and dynamic systems that create facility environments. This includes systems such as electrical, mechanical, lighting, air conditioning, heating, security, fire protection, and power generation.

With over 180 locations and approximately 38,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.

emcorgroup.com

Safety that Beats the National Average

EMCOR's safety performance consistently remains strong year after year with a current Incident Rate that is 52-percent lower than our competitors (*Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 2382, 2022*). For 15 consecutive years, our incident rate has been less than half the industry average.



WHAT CAN WE DO FOR YOU?

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