



PROVIDING CUTTING-EDGE ELECTRICAL SOLUTIONS AND EXPERIENCED, RELIABLE SERVICE FOR THE HEALTHCARE INDUSTRY

As the nation's oldest independent electrical contractor, E-J Electric brings a tradition of excellence to the healthcare industry where reliability and commitment to quality is critical. We provide superior electrical solutions for all facets of the healthcare and medical industry, including emergency power systems for all life-critical equipment as well as providing electrical systems for lighting control, alarm and safety systems.

Specializing in Electrical Contracting for Healthcare Institutions, Hospitals and Medical Centers

Our professional team is available to complete a wide array of electrical, communication and security assignments for the healthcare sector, including hospitals and other medical centers. We are experienced in the implementation of sophisticated operational and emergency systems, including:

- Nurse Call Systems
- Lighting & Power Systems
- Low Voltage & Specialty Radiology Systems
- Fire Alarm Systems
- UPS Systems
- Cogeneration
- Emergency Generators
- Ground Fault Power
- Coldroom Controls
- Darkroom & Surgery Lighting
- Fire, Security & Computer Networking Systems
- Information Transport Systems

Powering Mount Sinai Center for Science and Medicine

Mount Sinai Center for Science and Medicine at the Mount Sinai School of Medicine in New York City is a 410,000 square foot state-of-the-art science and research facility built to meet the expanding needs of Mount Sinai Hospital. E-J served as Electrical Trade Manager for this project and collaborated extensively with the design and construction team as well as the building owner to provide electrical value engineering and cost control for the final design.

E-J's Comprehensive Electric Solution at Mount Sinai Included:

- Working with the design and construction teams during each phase to provide electrical value engineering and cost management solutions
- Management of the electrical construction, including four (4) 15kV primary distribution 2500kVA transformers feeding a 5000A network ring bus
- A complete normal power system with six main distribution switchboards, two 2000A bus duct risers for research lab floors and a vivarium floor
- An emergency power system for life safety and critical care with two 2500kW generators and two 1000A bus duct risers for research lab floors
- State-of-the-art lighting control and complete interior fit-out including a lecture hall and two seminar rooms
- Telecommunications and data work, fire alarms, security and audio visual systems

Bringing Electricity to New York Hospital Queens

New York Hospital Queens contracted E-J for a major expansion and modernization project that included a new 301,000 square foot surgery center, two core floors for future expansion, a new 372-car garage on the adjoining site and renovations of the existing facility. The new portion of the hospital also created a new entrance and identity for New York Hospital Queens.

E-J's Comprehensive Electric Solution at New York Hospital Queens Included:

- New 2000kVA transformers, to transfer power for a new 4000-amp electrical service from the existing Con Edison vaults, located in the sub cellar on the north side of the existing building, to our new electrical rooms located on the south end of the new addition
- Emergency power for all life critical equipment through two 900kW generators located on the roof, which will distribute power through the new addition via 10 transfer switches
- All power, lighting, life safety and fire alarm systems in 10 operating rooms and 8 procedure rooms
- Installation of 6 UPS and Battery Cabinets in procedure rooms

E-J ELECTRIC INSTALLATION CO. HEALTHCARE EXPERTISE

Our Third Century of Excellence



Unparalleled Experience with New York's Finest Healthcare Institutions

E-J has earned a reputation for unparalleled integrity, on-time delivery, client satisfaction, quality and expertise in the electrical field. Our work on healthcare projects extends throughout New York City and the Tri-State area, including the following leading institutions:

- New York Presbyterian Hospital
- Bronx Lebanon Hospital
- Interfaith Medical Center
- Memorial Sloan Kettering Cancer Research Center
- Montefiore Medical Center
- Bellevue Hospital Center
- Morgan Stanley Children's Hospital of New York
- St. Luke's Roosevelt Hospital
- Rockefeller University
- New York Hospital C.V. Starr Pavilion
- Beth Israel Medical Center
- Stamford Hospital
- Mount Sinai Medical Center
- NYU Langone Medical Center



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