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Hospital Electrics Get E-J Treatment



E-J Electric Installation Co. (E-J) served as the electrical contractor for the new 410,000 s/f Mount Sinai Center for Science and Medicine on Madison Avenue.

As the electrical trade manager, E-J worked with key members of the project team, including Lend Lease, Skidmore Owings & Merrill LLP and Jaros Baum & Bolles to successfully complete all electrical work within 30 months.

E-J is leading the electrical, fire alarm system, security system and audio visual system installations for the new building.

During pre-construction, the firm worked closely with the design and construction teams and building owner to provide electrical value engineering and cost control for the final design of the center.

E-J managed the installation of electrical equipment including four 15kV primary distribution 2500KVA transformers feeding a 5000A network ring bus. The E-J team also added a power system with six main distribution switchboards, two 2000A bus duct risers for research lab floors and a vivarium floor. An emergency power system was integrated for life safety and critical care. The system was installed with two 2500KW generators and two 1000A bus duct risers. Finally, E-J added state-of-the-art lighting controls and a complete interior fit-out with a lecture hall and two seminar rooms.

The new Center for Science and Medicine is expected to be completed in 2013.



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