

Project:

Little Rock Entergy Data Center
Electrical Work

Contract No.:

06-5009

Owner Representative:

Entergy
700 Louisiana St.
Little Rock, AR 72201

Engineering & Construction Mgmt:

Robert E. Lamb, Inc.
P.O. Box 821
Valley Forge, PA 19482
Chet Atkins
Ph. 610-666-9200

Contract Award Date

February 5, 2007

Original Contract Completion Date:

August 2007

Actual Completion Date:

August 2007

Contract Amount:

\$2,774,169.92

**Description of the Project:**

Koontz Electric has been selected to remodel the existing 85,000 sq foot Little Rock Library in downtown Little Rock, Arkansas and assist in converting it into a state-of-the-art Data Center for Entergy. This project has an aggressive schedule and must be completed in 5 months from start to completion.

**Features of work include:**

- Installation of (2) owner furnished 2500KW emergency generators w/walk-in enclosures, & fuel tanks
- Furnishing and installation of (1,418) light fixtures
- Motion Sensor to control the light fixtures
- Installation of (2) new 4000-amp services from the local utility companies vaults to the new main switchgear
- Installation of (3) owner furnished 1600-amp critical distribution switchboards
- Installation of (10) owner furnished critical distribution panelboards
- Installation of (2) owner furnished 2000-amp critical system maintenance by-pass switchgears
- Installation of (4) owner furnished 500-KVA UPS units
- Installation of (5) owner furnished 15-minutes wet cell batteries
- Installation of (12) owner furnished critical system power distribution units
- Installation of (4) owner furnished critical system remote distribution cabinets
- Installation of lightning protection system
- Installation of a raised computer floor grounding system
- Installation of (2) owner furnished 10-sections, 4000-amp generator switchgear
- Installation of (2) owner furnished 12-sections, 4000-amp main switchgear to include main breakers, generator breakers, and tie sections
- Installation of (4) 600-amp motor control centers
- Installation of (2) owner furnished 300-amp Emerson Vortex DC power systems
- Installation of (2) owner furnished 4-hour wet cell battery systems
- Installation of (1) owner furnished site scan monitoring system
- Installation of (1) owner furnished Alber battery monitoring system to monitor the UPS batteries
- Installation of owner furnished battery racks, batteries, and termination of DC cables
- Installation of approximately (200') of fiber guide cable tray
- Installation of floor mounted convenience receptacle in the raised computer floor

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