

**SECTION 26 00 00  
ELECTRICAL REQUIREMENTS**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Basic Electrical Requirements specifically applicable to, but not limited to Division 25, 26, 27, &28 in addition to Division 1 -General requirements.

**1.2 CODES AND FEES**

- A. Unless specifically noted to the contrary, the Contractor shall furnish all equipment, materials, labor, and install and test in accordance with the FBC.
- B. The Contractor shall comply with applicable building and construction codes as stated in Section 01 41 00.

**1.3 STANDARDS**

- A. All materials shall be new, free of defects, and shall be U.L. listed, bear the U.L. label or be labeled or listed with an approved, nationally recognized Electrical Testing Agency.
- B. Where no labeling or listing service is available for certain types of equipment submit test data to the Engineer proving that equipment meets or exceeds available standards.

**1.4 UTILITY COMPANY FEES, CHARGES, COSTS**

- A. It is the contractor's responsibility to contact the appropriate Utility Company to determine if any fees, charges, or costs will be due, as required by the Utility Company for temporary power In/Out installations, hook-ups, etc.
  - 1. This fee, charge, or cost and all the usage charges for the temporary power shall be included in this contractor's bid price.
- B. The contractor shall pay all costs, charges, or fees due to the contractor's use of School District owned electrical service.

**1.5 QUALITY ASSURANCE**

- A. A person with a current Palm Beach County Journeyman Electricians Certificate of Competency shall be on site and supervise all electrical work.
  - 1. A copy of the certification shall be available in the General Contractors site office.
- B. Coordinate with other trades to provide adequate working clearance about equipment.
- C. Materials, where applicable, shall bear the label of an approved testing agency, such as:
  - 1. ETL (Electrical Testing Laboratories)
  - 2. UL (Underwriters Laboratories, Inc.)
  - 3. FM (Factory Mutual)
- D. Protect all materials subject to corrosion.

**1.6 RELATED WORK**

- A. Continuity of Service:
  - 1. Do not interrupt or change service or circuits without authorization from the Architect and the Owner. Obtain written authorization before starting work.
- B. Demolition:
  - 1. Deliver all equipment removed and turned over to the Owner at a place and time mutually agreed upon location.
  - 2. Maintain all materials turned over to the Owner or reused and installed in the condition equal to that existing before work began.
    - a. Repair or replace damaged materials or equipment at no additional cost to the Owner.

The School District of Palm Beach County

Project Name:

SDPBC Project No.:

- C. Outdoor equipment not secured to wall surface shall be mounted on steel channel or iron supports.

#### 1.7 TEMPORARY WIRING

- A. New Construction: Install according to NEC.

- B. Remodel:

- 1. Coordination of conductors and routing of temporary wiring in or on existing buildings and approved is by the Department of Facility and Construction Management.
- 2. Remove temporary wiring upon completion of project.
- 3. Install according to NEC.

- C. Grounding: Bond the equipment grounding conductors to available electrodes at each building.

#### 1.8 EQUIPMENT

- A. Equipment of a similar nature shall be identical and of the same manufacturer.

- B. Equipment shall be set level.

- 1. Where grouped, mount at the same height, properly align, bolt together in sections, and fastened in place.
- 2. Tighten screws, bolts, nuts, lamps, fittings, or other fastening devices.
- 3. Install all covers, plates, fittings, and accessories.

### **PART 2 PRODUCTS**

2.1 Not Used

### **PART 3 EXECUTION**

3.1 Not Used

END OF SECTION