

**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