

SECTION 26 08 00
WORK INCLUDED

PART 1 GENERAL

1.1 DESCRIPTION OF SYSTEMS

- A. The work required under this Division shall include all materials, labor, and auxiliaries required to install, start up, and test a complete and properly operating electrical system.
1. The electrical systems required under this Division consists basically of, but is not limited to, the following:
 - a. The underground feeders from the utility company and equipment to main switchgear, including all necessary risers, etc.
 - b. The main switchboard and distribution panels.
 - c. A complete emergency electric generating system and automatic transfer switches (life safety and equipment branch/optional branch) including all peripheral components required for a complete working system.
 - d. Complete distribution system for lighting including the necessary feeders, branch circuits, lighting fixtures, control switches, and receptacles.
 - e. Complete distribution system for power including feeders, branch circuits, convenience outlets, and connections to motors and other power loads.
 - f. A complete electric service ground system and special grounds as required or noted.
 - g. Connecting motors and manual control, unless otherwise specified.
 - h. Complete exit lighting system.
 - i. Complete emergency lighting system.
 - j. Complete system of empty raceways, cabinets, and terminal boards for communication systems.
 - k. Complete system of electrical distribution including receptacles, non-linear panels, and transformers, grounding for computers.
 - l. Complete ITV television system, including all distribution equipment, cables, and master antenna.
 - m. Complete intercom and public address system.
 - n. Complete system of surge suppression devices.
 - o. Complete system of lightning protection system.
 - p. Complete fire alarm system.
 - q. Complete power distribution system for HVAC equipment including wiring, conduits, and disconnect switches.
 - r. Complete system of empty raceways and terminal cabinets for security and intrusion alarm systems, video surveillance system, card access system, and emergency radio communications systems.
 - s. Complete system of empty raceways and terminal cabinets and power requirements for EMCS (Energy Management and Control System).
 - t. Furnishing and installing all necessary access panels.
 - u. Concrete work for pad mounted equipment, or encased raceways.
 - v. Painting of special equipment
 - w. Temporary power
 - x. Coordination and verification of power and Telephone Company service requirement prior to bid.

The School District of Palm Beach County

Project Name:

SDPBC Project No:

- i) Bid to include all work required.
- y. Contractor shall check site and existing conditions thoroughly before bidding.
 - i) Inform the Architect of discrepancies or questions noted.
- z. On existing buildings being remodeled or renovated, existing disconnected conductors no longer being used shall be removed and associated existing conduits located above ceilings and within walls shall be removed, existing conduits located underground shall be capped and abandoned.

1.2 COMMISSIONING

- A. Commissioning of a system or systems specified in this section is part of the construction process.
- B. Documentation and testing of these systems, as well as training of the Owner's operation and maintenance personnel, is required in cooperation with the Owner's Representative and the Commissioning Authority.
- C. Project Closeout is dependent on successful completion of all commissioning procedures, documentation, and issue closure.
- D. Refer to Section 01 77 00 - Contract Closeout, for substantial completion details.
- E. Refer to Section 01 91 00 - Commissioning, for detailed commissioning requirements.

PART 2 PRODUCTS

2.1 Not Used

PART 3 EXECUTION

3.1 Not Used

END OF SECTION