

SECTION 01 51 13
TEMPORARY ELECTRICITY

Notes: This Section is intended to include requirements for temporary electricity.

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Temporary electrical services.
- B. Operation and Maintenance.
- C. Removal.

1.02 RELATED REQUIREMENTS

- A. Section 01 11 00 - Summary of work.
- B. Section 01 51 26 - Temporary Lighting.
- C. Section 01 52 13 - Field Representative's Office.

1.03 SERVICE REQUIREMENTS

Select Appropriate Paragraph 'A'.

- A. Power Source: [_____] Utility Company, located at [_____
_____].
- [OR]
- A. Power Source: Owner's existing service; connect at indicated location[,] or as directed by the Professional [.]
- B. Service: Provide temporary service compatible with servicing utility company and adequate to accommodate maximum construction and temporary lighting at any time[,] [.] [plus continuous operation of Owner's facilities.] Builder is responsible to make determination prior to submitting bids.
- C. Owner will allow hook-ups to existing power source for minor projects.
- D. For capital projects (over \$2,000,000) Contractor must coordinate with Florida Power & Light and pay all costs associated with this hook-up.

1.04 DISTRIBUTION

- A. Weatherproof distribution boxes with [_____] volt, [_____] phase power outlet and [_____] volt outlets consisting of 100 ampere fused switches with equipment ground, spaced so that a 100 foot extension cord will reach all areas of the building.
- B. Wiring, connections and protection for temporary lighting, warning and marker lights.

- C. Wiring, connections and protection for temporary and permanent equipment for environmental control, for temporary use of electrically operated equipment and for testing.

1.05 USE OF EXISTING SYSTEM

Coordinate with Paragraph, 1.03, B.

- A. Monitor usage, prevent interference with Owner's normal requirements.

[OR]

- A. Do not use existing system for temporary electricity.

1.07 BUILDER RESPONSIBILITIES

- A. Obtain permit and secure all required inspections.
- B. Pay for installation, operation, maintenance and removal of system[,] [,and] restoration of existing and permanent equipment.]
- C. Builder shall pay costs of energy consumed for construction operations.
- E. Builder shall coordinate with Florida Power & Light as necessary and pay all costs associated with this coordination.
- F. Wastes or failure to conserve energy will be cause for revocation of permit of electrical use from the Owner's system.

PART 2 PRODUCTS

2.01 MATERIALS

- A. May be new or used, adequate to the purpose and meeting the Florida Building Code requirements.
- B. Devices and Equipment: Standard devices, meeting UL requirements.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install initial service at time of site mobilization.
- B. Comply with requirements of the Contract Documents.
- C. Modify and extend system as work progresses.
- D. Comply with Florida Building Code.

3.02 OPERATION AND MAINTENANCE

- A. Maintain system to provide continuous service[,] [including prompt restoration of interruptions to Owner's system when temporary service is connected.]

3.03

REMOVAL

- A. Remove temporary material and equipment prior to final Completion.
- B. Restore existing and permanent facilities used for temporary purposes to original condition.

END OF SECTION