

## SECTION 33 71 73

### ELECTRICAL UTILITY SERVICES

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. Section includes arrangement with Utility Company for permanent electric service; payment of Utility Company charges for service; service provisions; and utility metering equipment.
- B. Related Sections:
  - 1. Division 03 - Cast-In-Place Concrete: Concrete pads.

##### 1.02 CONTACT

- A. Mr. Don Alexhi  
Department of Water and Power  
City of Los Angeles  
2633 Artesian St Room 210  
Los Angeles, CA 90031

##### 1.03 SYSTEM DESCRIPTION

- A. Utility Company: LADWP
- B. Provide a 1000 amp, 4160 volt, 3 phase service from the point of service to the main switchboard as determined by Developer Design/Builder.
- C. System Characteristics: 12,000 volts, three phase, three-wire, 60 Hertz.
- D. Service Entrance: Underground.

##### 1.04 SUBMITTALS

- A. Division 01 - Submittal Procedures.
- B. Submit Utility-Company-prepared drawings.
- C. Acceptance or no exceptions taken by the County's Representative on any substitution proposed by the Developer Design/Builder shall not be construed as relieving the Developer Design/Builder from compliance with the project's specifications and performance requirements nor departure there from. The Developer Design/Builder remains responsible for details and accuracy for confirming and correlating quantities and dimensions and for the selection of fabrication processes, techniques and assembly, coordination of his work with that of all other trades and making any needed modifications consequent to the substitution at his own cost and for performing the work in a safe manner.

##### 1.05 QUALITY ASSURANCE

- A. Perform Work in accordance with Utility Company written requirements.
- B. Maintain one copy of each document on site.

1.06 FIELD MEASUREMENTS

- A. Verify field measurements are as indicated on Utility Company drawings. Notify County's Representative immediately of any discrepancy.

1.07 COORDINATION

- A. Coordinate with utility company, relocation of overhead or underground lines interfering with construction. Where power lines are to be relocated, bill utility costs, directly to Owner.
- B. Contact utility company regarding charges related to service installation. Include utility charges in this contract.

PART 2 PRODUCTS

2.01 UTILITY METERS

- A. Furnished by Utility Company. Contact the Utility Company for socket requirements.

2.02 METERING TRANSFORMER CABINET

- A. Include provisions for padlocking and sealing.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Division 01 - Administrative Requirements: Coordination and project conditions.
- B. Verify service equipment is ready to be connected and energized.

3.02 INSTALLATION

- A. Install service entrance conduits to building service entrance equipment. Utility Company will connect service lateral conductors to service entrance conductors. Connect service lateral conductors to service entrance conductors.

END OF SECTION