

SECTION 01 51 13
TEMPORARY POWER

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Requirements for Temporary Power

1.02 RELATED REQUIREMENTS

- A. Section 01 31 00 - Project Management and Coordination

1.03 GENERAL REQUIREMENTS

- A. The Contractor shall verify that sufficient existing power is available for the execution of the Work. For power requirements aside from temporary lighting (e.g. power for heavy duty equipment, electric welding, compressors, etc.), the Contractor shall at their own expense furnish, install, and maintain all power wiring and all equipment necessary to supply power for their Work, and upon completion of their Work, shall remove any temporary power lines installed by them.
- B. If required for the execution of the Work, the Contractor shall be responsible for maintaining temporary power to the site, conforming to the requirements listed herein.
 - 1. The Contractor shall provide weatherproof, grounded electrical power service and a distribution system of sufficient size, capacity, and power characteristics for the entire contract duration period to accommodate the needs of the project. Provide properly configured NEMA-polarized outlets to prevent insertion of 110- to 120-V plugs into higher voltage outlets. Provide receptacle outlets equipped with ground-fault circuit interrupters, reset button, and pilot light for connection of power tools and equipment.
 - 2. For all non-heating, non-lighting and non-hand tool power requirements (i.e. power for heavy duty equipment, electric welding, compressors, etc.), the Contractor shall, at their own expense, furnish, install, and maintain all power wiring and all equipment necessary to connect to the temporary power system for their work, and upon completion of their work, shall remove any temporary power lines installed by them. The Contractor shall furnish the metering equipment, make the application, and obtain the permits necessary to supply temporary power. The Contractor shall be responsible to install and maintain temporary power and light in perfect working order at all times at no cost to the Authority.
 - 3. Power connections to the trailer where applicable with all required metering equipment, necessary permits and signoffs from appropriate public utility company and local authority having jurisdiction.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 DISTRIBUTION OF TEMPORARY POWER

- A. The distribution point of the temporary power shall be coordinated with Capital Projects and the Project Management
- B. Refer to the electrical specification section. (This is depending upon the contract requirement - Provide Electrical specification section)

END OF SECTION