

SECTION 015000
TEMPORARY UTILITIES

PART 1 - GENERAL

1.1 STIPULATIONS

- A. The specifications sections "General Conditions of the Construction Contract", "Special Conditions", and "Division 1 - General Requirements" form a part of this Section by this reference thereto, and shall have the same force and effect as if printed herewith in full.

1.2 TEMPORARY SERVICES DURING CONSTRUCTION

- A. The designated Contractor shall install, operate, protect and maintain the temporary services, as hereinafter specified, during the construction of the entire Project.
- B. Temporary connections to new and/or existing permanent service lines shall be made at locations as directed by the Department, in conjunction with the Client Agency (as applicable), and when the temporary service lines are no longer required, they shall be removed by the Contractor. Any part or parts of the permanent service lines, grounds and building, disturbed and damaged by the installation and/or removal of the temporary service lines, shall be restored to their original condition by the Contractor responsible for the temporary installation.
- C. If the Contractor fails to carry out its responsibility in supplying temporary services as set forth in this Contract, it is responsible for such failure and the Department may take such action as it deems proper for the protection and conduct of the work, and shall deduct the cost involved from the amount due the Contractor. Only those temporary utilities required for construction need to be extended to the work area(s).
- D. The Client Agency will not charge a usage fee for electric power consumed for construction services.

1.3 TEMPORARY WATER SUPPLY

- A. Water required for construction operations will be made available by the Client Agency from one of the janitor's closets within the East Wing.
 - 1. The Client Agency will not charge for water used for construction sources.

1.4 TEMPORARY HEAT

- A. The traditional temporary building heat requirements are not required for this Project. The existing heating and cooling system will be in operation throughout the duration of the construction period.

1.5 CONSTRUCTION LIGHT AND POWER

- A. Prime Contractors may use the 120-volt receptacles located throughout the East Wing.

1. The Client Agency will not charge a usage fee for electric power consumed for construction activities.
 2. Each Prime Contractor shall provide its own properly sized extension cords from the existing receptacles. Locate and secure extension cords to avoid tripping hazard.
 3. All Prime Contractors using existing receptacles for construction power shall research the loading of the existing circuits and shall avoid overloading circuits.
 4. All Contractors requiring electrical power of voltages greater than 120 volts shall provide self-contained engine generating units.
 - a. Do not locate generators within the East Wing, or in areas where fumes will enter buildings.
 - b. Locate generators only at areas reviewed and approved by the Client Agency.
- 1) Contractors shall include 250 LF of lead wire in their bid amount.

B. Temporary Lighting:

1. The Contractor shall provide temporary LED string lighting in all areas where the scope includes removal of existing light fixtures.
 - a. Temporary lighting shall be installed immediately after existing light fixtures are demolished and removed. Temporary lighting shall remain in place until permanent lighting is installed.
2. Areas requiring temporary lighting include the following:
 - a. Elevator pit.
 - b. Elevator machine room.
 - c. Cafeteria.
3. Each Prime Contractor requiring supplemental light greater than the temporary lighting shall provide its own portable light fixtures.

1.6 WELDING

- A. Any Contractor using electrical power for welding on the site shall use self-contained engine generating units.
 1. Do not locate generators within the East Wing, or in areas where fumes will enter buildings.
- B. Any welding activities must be pre-approved by the Client Agency.

1.7 FIRE EXTINGUISHERS

- A. Each Contractor shall provide UL listed, NFPA approved fire extinguishers, ten (10) lb. minimum, at each construction work area, suitable for all types of fires in accordance with OSHA.

1.8 TEMPORARY EGRESS SIGNAGE

- A. The .1 Contractor shall provide all temporary egress signage to direct occupants of the East Wing around each construction area.
- B. Temporary signage shall be printed by a professional printing company in accordance with the details indicated.
 - 1. Signage shall be printed in color on 50 lb. minimum paper and shall be laminated.
 - 2. Temporary signage graphics and colors shall be reviewed and approved by the Client Agency.
 - 3. Tape or fastening methods must be reviewed and approved by the Client Agency.
 - 4. Inspect temporary signage on a weekly basis and repair or replace signage as required.

1.9 TEMPORARY PROTECTIONS

- A. Each Prime Contractor shall provide temporary protection around work areas to protect the users of the East Wing, direct them around the work areas, and prevent the spread of construction dust.
 - 1. All Prime Contractors performing cutting and grinding operations shall protect HVAC supply and return diffusers located within 50 feet of the work area with MERV 4 filter material.

1.10 INTERRUPTION OF SERVICES

- A. Each Prime Contractor shall have all needed equipment and material to complete planned work at the site, prior to shutting down any system.
- B. No additional compensation or time will be given to the Contractor, if work must be performed on State or National Holidays or on weekends or on overtime. See paragraph on 'Working Hours' under Section 01040.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 015000