

SECTION 01500

TEMPORARY FACILITIES AND CONTROLS

1.00 GENERAL

1.01 RELATED SECTIONS

Section 01710 Cleaning

1.02 RELATED DOCUMENTS

- A. Drawings and General provisions of the Contract, including Owner's General Conditions and other Division 1 Specification Sections, apply to this Section.

2.00 PRODUCTS

Not Applicable

3.00 EXECUTION

3.01 SAFETY

- A. Comply with applicable provisions and standards of the Occupational Safety and Health Act of 1980 and any other applicable statute, standard, regulation, or code.

3.02 SCAFFOLDING AND HOISTING

- A. Provide all ladders and furnish and install all materials required for all scaffolding, staging, platforms, temporary floorings and railings, in compliance with all local and state laws governing same. The Contractor shall be held responsible for the maintenance, cleaning and removal of all scaffolding and equipment erected.

3.03 ELECTRICAL SERVICE

- A. Provide temporary electrical service, including extensions and connections necessary for construction trailer and for construction work. Pay costs of installing and maintaining service for duration of project. Pay costs associated with use of permanent electrical system until Date of Final Completion, except as otherwise indicated below.

3.04 TEMPORARY LIGHTING

- A. Provide the following minimum light levels for construction purposes.
1. General construction and safety lighting: 5 footcandles.
 2. Finishing work and testing: 25 footcandles.

3.05 TEMPORARY HEAT AND VENTILATION

- A. Provide temporary heat in enclosed spaces to provide minimum temperatures of 40 degrees F. until finishing work begins; then maintain temperatures at levels indicated in specification sections.

- B. Provide ventilation to prevent accumulation of dust, fumes or gases, to properly cure materials and disperse humidity.
- C. Unless Owner authorizes use of permanent HVAC system, provide vented, self-contained, liquid-propane-gas or fuel-oil heaters with individual space thermostatic control. If Owner authorizes use of permanent HVAC system for temporary use during construction, provide filter with MERV of 8 at each return air grille in system and remove at end of construction.

3.06 TELEPHONE SERVICE

- A. Provide temporary telephone service to temporary offices with separate lines for a facsimile machine and answering machine for duration of project. Pay costs for installation and for local service.

3.07 WATER SERVICE

- A. Provide temporary water for construction purposes, including extensions and connections necessary for work. Pay costs of installing and maintaining service for duration of project. Pay costs associated with use of permanent water system until Date of Final Completion.

3.08 SANITARY TOILET FACILITIES

- A. Provide and maintain temporary toilet facilities for construction personnel. Permanent new facilities may not be used by personnel.

3.09 FIRE PROTECTION

- A. Provide one 20-pound, ABC type fire extinguisher for each 5,000 s.f. of floor area during the entire construction period.

3.10 TRASH REMOVAL

- A. Keep the premises always clean and remove all rubbish and debris in containers at the end of each working day in accordance with Section 01710.

3.11 TEMPORARY ENCLOSURES AND PROTECTION

- A. Furnish and maintain all temporary stairs, ramps, barricades, enclosures, railings, shoring, bracing and staging in conformance with O.S.H.A. requirements.

3.12 COMPLETION OF WORK

- A. At completion of work, or at time of permanent utility connections, as applicable, remove temporary facilities, including connections and debris resulting from temporary installation.

3.13 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.

3.14 JOB SITE OFFICE

- A. Provide an air-conditioned job site office in a separate self-contained unit (job site trailer). The unit is to be large enough to contain a plans table sized to allow viewing of plans when fully open, a conference table to accommodate the seating of a minimum of 8 participants and the equipment listed below. This equipment is to be considered required:
1. Copy machine
 2. Computer with high-speed internet connection and printer
 3. Telephone with speaker and teleconference capability
 4. Hard Hats for Owner and Visiting Professionals
 5. Drinking Water
 6. First Aid Kit
 7. Fire Extinguisher
 8. A complete set of the latest approved Permit Drawings.
 9. A complete set of Shop Drawings / Submittals

END OF SECTION 01500