

# 01 50 00 Temporary Facilities and Controls

Revision 01/04/2019

## Purpose:

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

## **1. General Requirements**

- a. The University recognizes the importance of adequate temporary facilities and staging areas for the support of new construction and renovation projects while at the same time desires to fully minimize the physical, visual and operational impact to the normal campus.
- b. Staging Plan
  - i. The Contractor shall include a site utilization plan prior to the commencement of construction for approval by the Rice Project Manager. This shall include at a minimum:
    1. Location plan with limits of disturbance.
    2. Fencing plan and pedestrian safety measures immediately surrounding job site.
    3. Vehicular routing and site access.
    4. Internal site organization including trailer, storage, staging and parking areas
    5. Types and locations of utility taps or tie-ins, including but not limited to: Power, water, sanitary, sewer, storm run-off, phone and/or data, etc.
    6. Location, type and impact of temporary construction equipment.
    7. Tree protection.
- c. Fences
  - i. Temporary construction fencing, use 6' min. high chain-link fencing designed to meet City of Houston minimum standards for gravity and wind loads. Provide main gates and vehicular gates that are stable, easy to operate, and lockable.
  - ii. Contractor to provide a visual screen material as a part of temporary fencing. Visual screens shall be green fabric screening. Fabric shall be attached so it can be easily dropped and secured prior to approaching storms.
  - iii. Some projects interior to the core campus may require plywood fencing. This shall be decided by the Rice Project Manager.
  - iv. Job site gate and/or door locking mechanism must be accessible by RUPD and Rice Project Manager.
  - v. Where construction and site fencing have impacted campus street, sidewalk or parking lot lighting, the Contractor is responsible for providing temporary

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lighting for the duration of construction. Temporary lighting plan must be approved by Rice Project Manager.

- d. In-Building Barricades
  - i. When portions of a building must be sectioned off, the architect shall lay out locations of barriers such that:
    - 1. A viable and code compliant means of fire egress must be maintained.
    - 2. Barriers must be kept secure against unauthorized access
    - 3. Barriers shall prevent the spread of dust/dirt and fumes to the occupied portions of the building.
    - 4. Operations of building HVAC system should be maintained.
  - ii. Barricade designs and methods of attachment shall be approved by the Rice Project Manager.
- e. Utilities
  - i. All tie-ins to existing campus services and infrastructure must be reviewed and approved by the Rice Project Manager. Minimum two week notice required to tie-in to campus utilities.
  - ii. Typically all utilities required for construction are provided by the University. Installation and removal costs are born by the contractor.
    - 1. Domestic
    - 2. Water
    - 3. Electric
    - 4. Internet
    - 5. Telecomm
- f. Site Management and Cleanup
  - i. The contract documents will include a requirement for the Contractor to maintain an orderly project site with debris and waste materials ordered, contained and regularly removed from the site.
  - ii. Contractor is responsible for maintaining grass cutting and tree preservation within the site.
  - iii. Fencing shall be maintained in good order.
  - iv. The Contractor shall be required to wash down trucks leaving the site to minimize dust and mud falling from trucks on University streets. Contractor shall clean dust or mud that has fallen on streets from vehicles at the end of each day, or more frequently as conditions require.
  - v. The contractor shall be required to conform to the contractor cart requirements. (reference 34 00 00 Transportation)