

01 90 00 Life Cycle Activities

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. Requirements for Architect/Engineer

- a. During the design process options should generally be presented with an initial project cost and a life cycle cost.
- b. Knowing that building equipment does have a lifespan, and will require replacement at some point, the architect shall design facilities to accommodate service and future replacement. This includes but is not limited to:
 - i. Access panels in inaccessible walls and ceilings to reach equipment.
 - ii. Adequately sized openings (doors, hatches, removable panels) to allow for replacement of large equipment disassembled to a reasonable extent.
 - iii. Corridor width and height to accommodate ease of equipment transport.
 - iv. Equipment layout in spaces designed to allow access above, below and around equipment as determined necessary by Rice Facilities during design review and/or BIM coordination.
 - v. All clearance requirements per applicable Building Codes, Life Safety Codes and manufacturer's recommendations.

2. Requirements for Contractor

- a. Contractor initiated change requests during construction will generally be presented with an initial project budget impact, schedule impact and a life cycle cost.
 - i. Rice Project Manager direction or approval required.