SECTION 01 77 00 CLOSEOUT PROCEDURES

1. GENERAL
   1. FINAL COMPLETION
      1. When Work is complete, submit written certification to University's Representative that:
         1. Work has been inspected for compliance with the Contract Documents.
         2. Work has been completed in accordance with the Contract Documents.
         3. Equipment and systems have been tested in presence of the University's Representative and are operational.
         4. Work is complete and ready for final inspection.
   2. PREPARATION FOR FINAL INSPECTION
      1. Perform final cleaning as specified below.
      2. In accordance with Section 01 78 00 Close-Out Submittals, assemble guarantees/warranties with service and maintenance contracts, operating and maintenance instructions, and other items as specified, and submit to the University's Representative.
   3. FINAL CLEANING
      1. Upon completion of the Work, promptly remove from the vicinity:
         1. All of Contractor's equipment.
         2. All temporary structures.
         3. All surplus material, including construction debris, lumber, etc.
         4. Mock-ups, field samples, and similar submittals unless directed otherwise by the University’s Representative.
         5. Remove waste, surplus materials and rubbish from Project site, including roof areas.
      2. The entire Project site shall be left in a neat and clean condition to the satisfaction of the University's Representative.
      3. Execute final cleaning prior to final inspection. Cleaning shall be by experienced professional cleaners.
         1. Clean interior and exterior surfaces exposed to view; remove temporary labels, stains and foreign substances, polish glass and glossy surfaces, glazing vacuum all floors.
         2. Clean equipment and fixtures to a sanitary condition, clean permanent filters and replace disposable filters of mechanical equipment operated during construction. See Section 01 81 19 Indoor Air Quality Requirements.
         3. Vacuum and wipe sides of electrical panels and cabinetwork.
         4. Comply with manufacturer's instructions for cleaning.
         5. Clean each surface or unit to condition expected from normal, commercial building cleaning and maintenance program.

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* + - 1. Clean each surface or unit to condition acceptable for a teaching and research laboratory building. This condition shall exceed the cleanliness expected from a conventional commercial building cleaning and maintenance program.
      2. Clean Project site, sweep paved areas, rake clean ground surfaces.
      3. Remove stains, dirt, finger marks, etc., from wall and ceiling surfaces and trim.
      4. Disinfect, clean and polish all plumbing fixtures.
      5. Use cleaning materials and methods that will not create hazards to health or property or cause damage to products or Work.
      6. Remove temporary tapes, wrapping, coatings, paper labels, and similar items. Dust, mop, wash or wipe exposed and semi-exposed surfaces as necessary to leave Work in new, clean condition.
      7. Cleaning products shall meet the Green Seal Environmental Standard for Industrial and Institutional Cleaners (GS-37).
      8. Floor sealers or strippers shall meet the Green Seal Environmental Standard for Industrial & Institutional Floor-Care Products (GS-40).
  1. RESTORATION OF DAMAGED WORK
     1. Restore or replace, as specified or directed by the University's Representative, materials and finishes damaged from movement of equipment or other operations at no additional cost to the University.
     2. Restoration shall be equal to original Work, and finishes shall match appearance of existing adjacent Work.
  2. REMEDIAL WORK
     1. Remedial Work necessary owing to faulty workmanship or materials shall be at no additional cost to the University.
     2. Work shall be coordinated with University's Representative and performed at such time and in such manner to cause minimal interruption and inconvenience to University's operations.

1. PRODUCTS (NOT USED)
2. EXECUTION (NOT USED)

END OF SECTION 01 77 00