SECTION 01 70 00

EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.1 SUMMARY

A. Substantial Completion: The following are prerequisites to substantial completion. Provide the following.
   1. Punch list completion report prepared by Contractor and subcontractors as applicable.
   2. Supporting documentation.
   3. Warranties.
   4. Certifications.
   5. Occupancy permit.
   6. Start-up and testing of building systems.
   7. Change over of locks.
   8. Commissioning documentation.

B. Final Acceptance: Provide the following prerequisites to final acceptance.
   1. Final payment request with supporting affidavits.
   2. Completed punch list.

C. As-Built Drawings: Provide a marked-up set of drawings including changes, which occurred during construction.

D. Project Closeout: Provide the following during project closeout.
   1. Submission of record documents.
   2. Submission of maintenance manuals.
   3. Training and turnover to Wayne State University's personnel.
   4. Final cleaning and touch-up.
   5. Removal of temporary facilities.

PART 2 PRODUCTS - Not Applicable To This Section

PART 3 EXECUTION

3.1 CUTTING AND PATCHING

A. Cutting and Patching: Provide cutting and patching work to properly complete the work of the project, complying with project requirements for:
   1. Mechanical/electrical systems.
   2. Visual requirements, including detailing and tolerances.
   3. Operational and safety limitations.
   4. Fire resistance ratings.
   5. Inspection, preparation, and performance.
   6. Cleaning.
B. Means and Methods: Do not cut and patch in a manner that would result in a failure of the work to perform as intended, decrease energy performance, increase maintenance, decrease operational life, or decrease safety performance.

C. Inspection: Inspect conditions prior to work to identify scope and type of work required. Protect adjacent work. Notify Wayne State University of work requiring interruption to building services or Wayne State University’s operations.

D. Performance of Operations: Perform work with workmen skilled in the trades involved. Prepare sample area of each type of work for approval.

E. Cutting: Use cutting tools, not chopping tools. Make neat holes. Minimize damage to adjacent work. Inspect for concealed utilities and structure before cutting.

F. Patching: Make patches, seams, and joints durable and inconspicuous. Comply with tolerances for new work.

G. Cleaning: Clean work area and areas affected by cutting and patching operations.

3.2 GENERAL REQUIREMENTS THAT APPLY TO ALL SPECIFICATION SECTIONS FOR DELIVERY, STORAGE, AND HANDLING

A. Deliver, store and handle materials in accordance with manufacturer’s instructions.

B. Maintain environmental conditions and protect work during and after installation to comply with referenced standards and manufacturer’s printed recommendations.

C. Protect adjacent surfaces during progress of the Work in this Section.

3.3 GENERAL REQUIREMENTS THAT APPLY TO ALL SPECIFICATION SECTIONS FOR PREPARATION, INSTALLATION AND PROTECTION

A. Execution: Examine substrate; report unsatisfactory conditions in writing. Do not begin installation until substrates are within manufacturer’s specified tolerances and have been prepared in accordance with manufacturer’s instructions. Beginning work means acceptance of substrates.

B. Installation:

1. Install materials and systems in accordance with manufacturer’s instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance.
2. Coordinate with work of other sections.
3. Adjust operation, clean and protect.

C. Protection:
   1. Protect, inspect and repair work until final acceptance.
   2. Touch-up, repair or replace damaged products before Substantial Completion.
   3. Furnish complete touchup kit for each type and color of laboratory accessory provided. Include fillers, primers, paints, fabric patches, and other materials necessary to perform permanent repairs to damaged items.

END OF SECTION