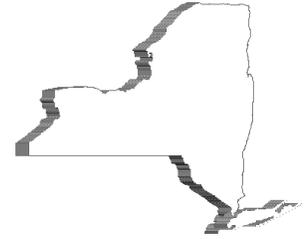




STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 9 TO PROJECT NO. 44220

**Construction Work
Provide Conversion of 4th Floor to Wet Lab, Building No. 4
New York Psychiatric Institute
1051 Riverside Drive
New York, NY 10032**

February 28, 2014

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

REMINDER – THIS IS A PLA (Project Labor Agreement) CONTRACT.

SPECIFICATION GROUP

1. DOCUMENT 096723 EPOXY RESIN FLOORING: Discard the Section bound in the Project Manual and substitute the attached Section 096723 RESINOUS FLOORING (pages 096723 – 1 through 096723 – 4) to the Project Manual.

END OF ADDENDUM

Margaret F. Larkin
Acting Executive Director

SECTION 096723

RESINOUS FLOORING

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Joint Sealants: Section 079200.

1.02 SYSTEM DESCRIPTION

- A. Type EC Flooring and Base: Urethane composition flooring and integral base not less than 3/16 inch thick composed of a resilient urethane resin matrix and aggregate, a grout coat and sealer finish.

1.03 SUBMITTALS

- A. Product Data: Submit printed product descriptions, physical properties data, color charts, specifications, and application instructions as applicable, for each material specified except reinforcement and sealants.
- B. Samples:
 - 1. Flooring and Base Combination: Each type and color; 12 inches x 12 inches x height of base plus one inch, complete with dividing strip at the toe and bead at top of base. Mount sample on plywood.
 - 2. Underlayment Components: One quart.
 - 3. Liquid Binder for Reinforcement: One quart.
 - 4. Clear Sealer: One quart.
- C. Quality Control Submittals:
 - 1. Test Reports: At the request of the Director, furnish test reports from an independent testing laboratory showing that the submitted flooring materials meet or exceed specified physical properties and performance requirements.
 - 2. Certificates: Affidavit required under Article 3.01.
 - 3. Installer's Qualifications Data: Affidavit required under Quality Assurance Article.
 - 4. List of Completed Installations: At the request of the Director, furnish a list of at least 5 comparable installations of the submitted flooring materials with a satisfactory service life of not less than 3 years.
- D. Contract Closeout Submittals:
 - 1. Maintenance Data: Deliver 2 copies of the flooring manufacturer's printed recommendations for cleaning and maintaining the installed flooring to the Director's Representative.

1.04 QUALITY ASSURANCE

- A. Installer's Qualifications: The person supervising the Work of this Section and the workers installing the flooring system shall be personally experienced in epoxy resin flooring work and shall have been regularly employed by a company engaged in this type of flooring installation for a minimum of 3 years.
 - 1. Furnish to the Director the names and addresses of 5 similar projects which the foregoing people have worked on during the past 3 years.
- B. Materials furnished for each type and color of flooring and base shall be from the same batch number.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the Site in factory sealed containers, clearly labeled and marked with manufacturer's name, address, batch number, and date of manufacture.
- B. Store materials in accordance with manufacturer's printed instructions.

1.06 PROJECT CONDITIONS

- A. Environmental Requirements:
 - 1. Make arrangements thru the Director's Representative for maintaining temperature and relative humidity conditions necessary for proper installation and curing of the Work. Comply with flooring manufacturer's recommendations.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Primer: Liquid primer recommended by the flooring manufacturer.
- B. Grout Coat: Two-component, clear, aliphatic polyaspartic urethane.
- D. Sealer: Two-component water-based urethane.
- E. Type EC Flooring and Base:
 - 1. Resin Matrix: Two component urethane resin base; aggregate, internally colored. Cured binder (matrix) shall be chemically resistant to the following reagents when tested in accordance with ASTM D-543, after immersion time of 7 days:
 - a. Soap Solution (1 percent).
 - b. Detergent (.025 percent).
 - c. Acetic Acid (5 percent).
 - d. Lactic Acid (5 percent).
 - e. Citric Acid (20 percent).
 - f. Gasoline (regular).
 - g. Ethyl Alcohol.
 - h. Uric Acid.

2. Aggregate Fillers: Clean, dry, and dust free inert aggregate. Type, size, color, and proportion recommended by the flooring manufacturer to produce flooring to match the approved sample.
 3. Physical properties of cured flooring and base:
 - a. Tensile Strength: 1200 psi min in accordance with ASTM C-307.
 - b. Impact Resistance: 60 in.-lbs, in accordance with ASTM D-2794.
 - c. Percent Elongation: 150%, in accordance with ASTM D-638.
 - d. Surface Hardness: Shore D Durometer 85 min in accordance with ASTM D-2240.
 4. Colors:
 - a. Colors as indicated on the Drawings, or if not indicated, as selected by the Director from the manufacturer's standard range of colors. Colors chosen for the base may be different from the colors chosen for the flooring in the same area and may differ from space to space.
- F. Sealer: Flooring manufacturer's standard or recommended clear sealer.
- G. Sealant: One-part, mildew resistant silicone sealant (Type 1D) specified in Section 079200.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Certification: Furnish affidavit by the flooring installer that the surfaces to receive the Work of this Section have been examined and are acceptable for application of the approved flooring. Do not install the flooring until such certification has been acknowledged by the Director in writing.

3.02 PREPARATION

- A. Prior to application of surface preparation materials, primers and flooring, remove dirt, paint, wax, and other foreign material that may prevent bonding of new materials. Utilize mechanical methods for preparing the surface in accordance with manufacturer's instructions. Vacuum remove debris and dust.
- B. Unless otherwise recommended by the flooring manufacturer in writing, prepare the substrate as follows:
 1. Existing Concrete: Remove loose, spalling, and friable concrete down to sound surfaces. Fill and level depressions, voids, cracks, and construction joints with underlayment.

3.03 INSTALLATION

- A. Priming: The substrate must be free of voids and pinholes after priming and prior to the start of the Mortar application. The primer layer must not be cured for longer than 24 hours to ensure proper intercoat adhesion.
- B. Mixing: Mechanical mixing is required for all components.
- C. Flooring and Base:
 - 1. Install flooring and base with a finished thickness of not less than 3/16 inch. Comply with the manufacturer's printed application instructions, unless otherwise specified.
 - 2. Depositing: Distribute the mix evenly and screed to the required thickness. Compact the mix to eliminate voids and air pockets.
 - a. Deposit Limits: Schedule the Work so that, at the end of the work day, the applied flooring terminates at dividing strips, walls, or other definite borders. Terminate the Work by use of bond-breaking temporary screeds only where other methods cannot be executed and where continuation of Work will not leave any visible line in the finished flooring.
 - b. Base: Install base of height and type indicated.
 - 3. Sealing Type EC Flooring and Base: Vacuum Work surfaces to remove dust. Apply sealer in accordance with the manufacturer's printed instructions.

END OF SECTION