



CITY OF PROVIDENCE, RHODE ISLAND

Department: Public Property

RFP Title: City Hall Restroom Refurbishment

Opening Date: 3/10/2025

Addendum #: 1

Issue Date: 2/26/2025

The purpose of this addendum is to clarify the scope of the work as outlined on page 13 of the original RFP.



DEPARTMENT OF PUBLIC PROPERTY
PROVIDENCE CITY HALL
25 DORRANCE ST
PROVIDENCE RI 02903

Procurement # 48375
Department Public Property
RFP Title City Hall Restroom Refurbishment
Bid Due Date: 3/10/25
Addendum # 1
Issue Date 2/10/25

The purpose of this addendum is to clarify the scope of the work as outlined on page 13 of the original RFP. The clarifications are as follows:

1. Flooring: Resinous Coating Specification Section 09 67 24 attached.
2. Demolition:
 - a. No parking spaces can be reserved or used overnight for a dumpster.
 - b. All waste material must be bagged before removal through public spaces.
 - c. Elevators must be protected during use.
 - d. Elevators cannot be dedicated for contractor's use for extended periods of time
3. 4th and 5th floor restroom vestibule walls, trim and ceilings to be painted.
4. 4th floor vestibule floor to be finished with resinous coating.
5. Remove all recessed trash receptacles and wall-mounted dispensers, and patch wall and tile.
6. Install new ADA grab bars in existing locations.
7. Install new sanitary receptacles in each women's room stall, "*Hospeco ND-1E Stainless Steel Surface-Mounted Sanitary Napkin Receptacle with Hinged Bottom*" or equivalent.
8. Install new toilet paper and paper towel dispensers provided by owner.

Guide Specification

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Section 09 67 24 Seamless Resinous flooring

PART 1 GENERAL

1.1 SUMMARY

- A. Provide labor, materials, equipment and supervision necessary to install a high traffic floor system as outlined in this specification to existing glazed tile surfaces.
- B. The manufacturer's application instructions for each product used are considered part of this specification and should be followed at all times.

1.2 SYSTEM DESCRIPTION

- A. System shall be a complete system of compatible materials manufactured to create a seamless decorative flake flooring surface.
- B. System shall be designated for application over glazed terra cotta tile.
- C. The work shall consist of preparation of the substrate, the furnishing and application of epoxy based seamless flooring system with decorative quartz broadcast and topcoats. The system shall have the color and texture as specified by the Owner with a nominal thickness of 65 mils. It shall be applied to the prepared area(s) as defined in the plans strictly in accordance with the Manufacturers recommendations.
- D. Cove base (if required) to be applied where noted on plans and per manufacturers standard details unless otherwise noted.

1.3 SUBMITTALS

- A. Technical Data: Submit manufacturer's product data, Safety Data Sheets (SDS) and installation instructions.
- B. Samples: Submit a sample of flooring system. Samples shall be construed as examples of finished color and texture of the system only. The installed flooring system shall be like the accepted sample in thickness of respective film layers, color, texture, overall appearance and finish.
- C. Applicator Approval: Submit letter from manufacturer stating applicator is approved to install the approved flooring system.
- D. Surface preparation efforts shall be evaluated by conducting Bond Tests at the site prior to application of the flooring system, consult with Material Manufacturer for specific procedure.
- E. Warranty: Submit copy of manufacturer's standard sample warranty, identifying the terms and conditions stated in section 1.7 Warranty.

1.4 QUALITY ASSURANCE

- A. Supplier Qualifications: Neoquartz-MMP Hybri-Gard HTU System as supplied by Neogard, is approved for use on this project.
- B. No request for substitution shall be considered that would change the generic type of floor system specified. Equivalent materials of other manufactures may be substituted on approval of City Project Manager. Request will be subject to specification requirements described in this section.
- C. Each approved applicator shall have been trained by the manufacturer in all phases of surface preparation and application of the specified flooring system.
- D. Applicator Qualifications: Applicator shall be approved to install specified system.

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- E. Requirement of Regulatory Agencies: Specified materials shall meet existing Federal, State and local VOC regulations.
- F. Source Limitations: Obtain primary resinous flooring materials, including primers, resins, hardening agents, grouting coats and topcoats, through one source from a single manufacturer, with not less than ten years of successful experience in manufacturing and installing principal materials described in this section.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Materials shall be delivered in original sealed containers, clearly marked with supplier's name, brand name and type of material.
- B. Storage and Handling: Recommended material storage temperature is 75°F (23°C). Handle products to prevent damage to container. All materials shall be stored in compliance with local fire and safety requirements. Do not store at high temperatures or in direct sunlight.

1.6 PROJECT CONDITIONS

- A. Read and follow the SDS and container labels for detailed health and safety information.
- B. Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring application.
- C. Close spaces to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends longer.
- D. Coordinate flooring work with other trades. Applicator shall have sole right of access to the specified area for the time needed to complete the application and allow the flooring system to cure adequately.
- E. Protect adjacent surfaces from damage resulting from installation of the system. If necessary, mask and/or cover adjacent surfaces, fixtures, equipment, and others by suitable means.
- F. Provide adequate ventilation.
- H. If any of the above conditions are not met, consult with your sales or technical representative.

1.7 WARRANTY

- A.** Manufacturer shall provide a standard warranty for institutional, commercial, industrial, and high-rise/multi-family residential projects only, upon substantial completion of the application.

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PART 2 MATERIALS

2.1 MATERIALS

A. Typical manufacturer's system of compatible products designated for existing substrate

1. **Fillers: fumed silica and blended aggregates.**
2. **Primer: polyurethane cement.**
3. **Aggregate: Colored Quartz Aggregate, blended colorway to be selected.**
4. **Base Coat: clear epoxy.**
5. **Grout Coat: clear, low-yellowing epoxy.**
6. **Topcoat: clear High traffic Urethane.**

2.3 MATERIAL PERFORMANCE CRITERIA

A. Typical physical properties of cured primer epoxy used on this project are:

1. Tensile Strength, ASTM D638, 7,500 psi
2. Elongation at Break, ASTM D638, 6.5%
3. Adhesion, ASTM D4541, 1,100 psi
4. Shore D, ASTM D2240, 83
5. Water absorption, 1.35%, 7 weeks @ 77°F/25°C ASTM D570
6. Weight solids (mixed) 100%
7. Volume solids (mixed) 100%
8. Flash point 201°F/93°C
9. VOC (mixed) < 6 g/L, 0.05 lbs/gal
10. MVT (20 mils), ASTM E96, 0.10 Perm
11. Flammability, ASTM D635, Pass
12. Taber Abrasion, ASTM D4060, 89 mg (1,000 CS-17)

B. Typical physical properties of cured base coat epoxy used on this project are:

1. Tensile Strength, ASTM D638, 3,700 psi
2. Elongation, ASTM D638, 25%
3. Compressive Strength, ASTM D695, 25,300 psi
4. Flexural Strength, ASTM D790, 3,180 psi
5. Flexural Modulus, ASTM D790, 57,700 psi
6. Water Resistance, ASTM D570, 0.21%
7. Weight solids (mixed) 100%
8. Volume solids (mixed) 100%
9. MVT (10 mils), ASTM E96, 0.16
10. Taber Abrasion, ASTM D4060, 25 mg (1,000 CS-17)
11. Shore D, ASTM D2240, 78
12. Adhesion, ASTM D4541, 350 psi
13. Flammability, ASTM D635, Pass

C. Typical physical properties of cured grout coat epoxy used on this project are:

1. Compressive Strength, ASTM D695, 11,000 psi
2. Tensile Strength, ASTM D638, 8,000 psi
3. Elongation at Break, ASTM D638, 14%
4. Flexural Strength, ASTM D790, 10,000 psi
5. Flexural Modulus, ASTM D790, 400,000 psi
6. Modulus of Elasticity, ASTM D790, 170,000 psi
7. Shore D, ASTM D2240, 82
8. Adhesion, ASTM D4541, 400 psi
9. Water Resistance, ASTM D570, < 2%

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10. Weight solids (mixed) 100%
11. Volume solids (mixed) 100%
12. MVT (20 mils), ASTM E96, 0.10 Perm
13. Flammability, ASTM D635, Pass
14. Taber Abrasion, ASTM D4060, 89 mg (1,000 CS-17)

D. Typical physical properties of cured clear High Traffic Urethane :

1. Tensile Strength, ASTM D2370, 6,250 psi
2. Shore D, ASTM D2240, 83
3. Weight solids (mixed) 94%
4. Volume solids (mixed) 92%
5. Taber Abrasion, ASTM D4060, 6-8 mg (1,000 CS-17)
6. Anti-Microbial, JIS Z 2801-2010, Pass
7. VOC < 25 g/L ASTM D5201

2.4 MIXING

- A. Comply with manufacturer's instructions for mixing procedures.

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PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that the work done under other sections meets the following requirements:
 - 1. That the substrate surface is free of ridges and sharp projections, sound and dry.
 - 3. That damaged areas of the substrate be restored to match adjacent areas. Use materials and method approved by manufacturer.
 - 4. That due to hydrostatic, capillary and moisture vapor pressure, substrates in contact with ground must have a properly installed, effective vapor barrier. Moisture vapor emission of concrete not to exceed 20 lbs/1,000 sq. ft./24 hrs, when tested by the quantitative calcium chloride test method (ASTM F1869). Relative Humidity is not to exceed 75% when tested by In-situ Probe Test (ASTM F2170).

3.2 PREPARATION

- A. **Cleaning:** Surfaces shall be vigorously scrubbed with a power broom and a strong non-sudsing detergent. Thoroughly wash, clean, and dry. Areas where oil or other contaminants penetrate deep into the substrate may require removal by mechanical methods. Do not apply materials unless surface is clean and dry.
- B. **De-Glazing:** Mechanically prepare glazed terra cotta surface by grinding off terra cotta glaze without causing additional surface defects in substrate. Saw cut 1/4" deep grooves randomly throughout.
- C. **Cracks:** fill all non-moving cracks with epoxy, mixed with fumed silica to form a paste.

3.3 APPLICATION

- A. Applicator is responsible for subsurface preparation according to manufacturer's instructions.
- B. Applicator is responsible for applying sufficient coating to the substrate.

3.4 CLEANING

- A. Remove temporary covering and clean resinous flooring just prior to final inspection. Use cleaning materials and procedures recommended by resinous flooring manufacturer. General Contractor is responsible for cleaning prior to inspection.
- B. Refer to the manufacturer's recommendations for typical cleaning methods.

4.6 CURING AND PROTECTION

- A. Cure resinous flooring materials in compliance with manufacturer's directions, taking care to prevent contamination during stages of application and prior to completion of curing process.
- B. Protect resinous flooring materials from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials.

END OF SECTION