



Addendum No. 1

Issued: February 3, 2017

Project: Carpet/VCT Flooring & Epoxy Flooring

Bid/RFP No. 2017-FAC 008 Carpet /VCT Flooring
2017-FAC 007 Epoxy Flooring

General – Bidder Questions

G1. Will there be a bid bond required?

G1.1 Answer – Only if each award goes over state requirements of \$50,000 per contract/award.

G2. Will there be a Performance Bond required?

G2.1. Answer – Not unless stated in bid docs.

G3. The areas that are currently VCT and are to receive carpet tile, can the carpet be laid over the existing VCT or must it be removed?

G3.1 Answer – Yes, as long as it does not cause any height problems around the room.

G4. Nowlin Middle School has a small hallway that is attached to the main area to the west, should that be included (it is not highlighted).

G4.1 Answer – Bid only highlighted.

G5. Will all the book shelves be removed in the library prior to installation?

G5.1 Answer – Yes

G6. All waterhog to be supplied by contractor unless noted?

G6.1 Answer – ALL SUPPLIED BY OWNER

G7. Does Benton Elementary receive flooring (no drawing in Appendix A).

G7.1 Answer – Not if no drawing

G8. Is the furniture moving by Vendor or School District?

G8.1 Answer – District

G9. Is waxing of the VCT by Vendor or School District?

G9.1 Answer – District

G10. Do we need a contact name/number for each location to gain access?

G10.1 Answer – Check in with the office and ask for a custodian or someone to show Locations.

G11. Bid called for 1/8" Flake Broadcast but specification attached was for Troweled quartz.

G11.1 Answer – Bid 1/8" Flake Broadcast. New specification attached.

G12. RFP Schedule reads for 2017-FAC 007 Epoxy;

1.2. RFP Schedule

1.2.1. Issue RFP: February 3, 2017

1.2.2. Deadline to schedule inspection of property: March 16, 2017, 8:00 a.m.

1.2.3. Deadline to submit written questions: March 10, 2017, 4:00 p.m.

1.2.4. Deadline to submit proposals: February 17, 2017, 11:00 a.m.

1.2.5. Vendor selection date: March 14, 2017, 6:00 p.m.

G12.1 CORRECTION –

1.2. RFP Schedule

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1.2.5. Vendor selection date: March 14, 2017, 6:00 p.m.

G13. **Due to error in** 1.2.3. Deadline to submit written questions; Deadline was extended until February 14, 2017, 4:00 p.m.

Eco-DFS™ Flake / Eco-HTS
Decorative Flake System (Broadcast) 1/8 inch
Satin Finish Urethane Topcoat



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Division 9

Section - Resinous Flooring

PART 1 - GENERAL

1.01 Summary

- A. A filled two-component, 100% solids epoxy that consists of epoxy resin and colored flake chips topcoated with a proprietary three-component moisture-cure urethane for an attractive, slip-resistant surface with superior abrasion resistance on interior concrete floors. Complies with VOC Rules and Regulations.

1.02 Performance Requirements

- A. See manufacturer's technical data bulletin for specific material, cured coatings and a complete list of chemical resistant properties.

1.03 Submittals

- A. Product Data: Submit manufacturer's product data, including physical properties, chemical resistance, surface preparation and application instructions.
- B. Submit list of five projects similar in nature, which have been installed by applicator during the last five years, identified with project name, location, name of owner's representative, their phone number and date.
- C. Submit manufacturer's standard warranty and applicator's warranty.

1.04 Quality Assurance

- A. Applicator Qualifications:
 - 1. A minimum of three years' experience in the application of coatings or resurfacers to concrete floors.
 - 2. A minimum of ten jobs or 1,000,000 square feet of successful applications.
- B. Pre-Application Meeting: Convene a pre-application meeting 2 weeks before the start of application of floor coating system. Require attendance of parties directly affecting work of this section, including the Contractor, Architect, Applicator and Manufacturer's Representative. Review the surface preparation, application, cleaning, protection and coordination with other work.

1.05 Delivery, Storage and Handling

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in accordance with manufacturer's instructions.
 - 1. Store materials in dry, enclosed area with adequate protection from moisture.
 - 2. Keep containers sealed until ready for use.
 - 3. Storage Temperature: 65°F (18°C) and 90°F (32°C).

1.06 Warranty

- A. Written manufacturer's warranty covering materials only. Applicator to provide application warranty.

PART 2 - PRODUCTS

2.01 Materials

- A. : Decorative Flake
 - 1. Percent Solids, 100 ASTM D2369

2. Completely light stable over the normal life of the coating.
- B. Resin for random seed coats: Tennant Eco-MPE™ - Multi-Purpose Epoxy. A two-component epoxy.
1. Volatile Organic Compound (VOC), ASTM D3960
 1. 0 lb/gal or 0 g/L
 2. Tensile Strength, ASTM D2370
 1. 8,000 psi or 55,200 kPa
 3. Percent Elongation, ASTM D2370
 1. 5%
- C. Tennant Eco-HTS™ - Satin Urethane Topcoat. A three-component moisture-cure urethane.
1. Volatile Organic Compound (VOC), ASTM D3960
 1. <1.1 lb/gal or 130 g/L
 2. Abrasion Resistance, ASTM D4060
 1. 18 mg loss @ 1000 revolutions
 3. Tensile Strength, ASTM D2370
 1. 2,210 psi, 15,227 kPa
 4. Percent Elongation, ASTM D2370
 1. 5%
 5. Sward Hardness, ASTM D2134
 1. 35-40 (1 mil film)
 6. Percent Solids
 1. Part A - 97%
 2. Part B - 16%
 3. Part C - 100%
 4. Mixed - 91.5%
 7. Compressive Strength
 1. ASTM C579 , 10,000 psi 69,000 Kpa
- D. Colors:
1. Tennant Colors - Flake: Checkerboard, Tweed, Evergreen, Storm and Tornado. Custom blends and solid colors are also available.
- E. Cleaners and Related Products:
1. Industrial Grease Remover: Tennant Detergent
 1. Tennant detergents are available in a range of formulations which remove a variety of soilage.

3.01 Examination

- A. Examine concrete surface to receive floor coating system. Notify the Architect if surface is not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.
- B. Allow concrete substrate to cure a minimum of 30 days.
- C. **CHECK THE TEMPERATURE AND HUMIDITY:** Floor temperature and materials should be between 65°F (18°C) and 90°F (32°C). Humidity must be less than 80%. **DO NOT** coat unless floor temperature is more than five degrees over the dew point.
- D. **CHECK FOR MOISTURE:** Concrete must be dry before application of this floor coating material. Concrete moisture testing must occur. Calcium chloride testing or in-situ relative humidity testing is recommended. Readings must be below 3 pounds per 1,000 square feet over a 24-hour period on the calcium chloride test or below 70% relative internal concrete humidity. Test methods can be purchased at www.astm.org, see ASTM F1869 or F2170, respectively or follow instructions from the suppliers of these tests.

NOTE: Although testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts.

3.02 Preparation

- A. Prepare surface in accordance with manufacturer's instructions.
 1. Cleaning: Scrub with Tennant detergent and rinse with clean water to remove surface dirt, grease and oil.
 2. Preparation; Remove coatings and curing membranes and provide the required bonding profile with one of the following methods:
 1. Shotblasting
 2. Diamond Grinding

3.03 Application

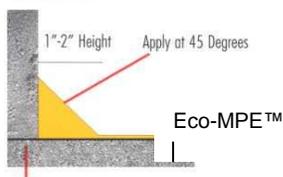
- A. Apply floor coating system in accordance with manufacturer's instructions.
 1. Equipment: squeegees, rollers, mechanical blower and funnel for quartz application, etc.
 2. Coating: Eco-DFS™ -- Decorative Floor Solutions.
 1. Mix Eco-MPE™ components together in accordance with manufacturer's instructions.
 2. Mix only enough material which can be applied within 25 minutes.
 3. Apply Eco-MPE™ at the rate of 160-200 ft²/gal.
 4. Immediately broadcast decorative flake into the resin. Hand toss the flake up into the air and let it float down for an even appearance. Apply the appropriate amount to achieve the desired effect. *Note: Approximately, .2 pounds per sq. ft. is used for a full flake broadcast floor.*
 5. Allow coating to cure 8-10 hours at 75 degrees F (24 degrees C) and 50% relative humidity.
 3. Coating: Eco-HTS™ -- Satin Urethane Topcoat.
 1. Open and mix only enough material which can be applied in a 2 hour period.
 2. Apply Eco-HTS™ at the rate of 500 ft²/gal.
 3. Allow coating to dry 24 hours at 75 degrees F (24 degrees C) and 50% relative humidity.

3.04 Protection

- A. Close job site to traffic for a period of up to 48 hours after coating application depending on temperature and humidity

END OF SECTION

CANT COVE



Coving, if required, shall be installed in accordance with manufacturer's instructions.

ROLLED RADIUS COVE

