

ADDENDUM NO. 3

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Repair / Replace Skylights
Missouri State Capitol
Jefferson City, Missouri
PROJECT NO.: O2040-01**

Bid Opening Date: 1:30 PM, Thursday, March 17, 2022 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 086300 – Metal-Framed Skylights
 - a. DELETE Paragraph 2.5-A.1, which addresses the Skylight Finishes.
 - b. ADD Paragraphs 2.5-A.1, 2, 3, and 4 as follows:
 1. The aluminum finish for new and replacement items on the skylights is to match the original finish.
 2. Liquid Fluoropolymer Aluminum Coating, FGIA/AAMA 2605: Minimum 70% PVDF resin, by weight.
 - a. Product: PPG Duranar, two coat system
 - i. Dry Film Thickness, ASTM D 7091: .20 mil primer coat plus 1.0 mil color coat.
 3. The color is to be a custom color match to the existing finish. The existing finishes have been exposed to the elements and potentially have faded. A custom color match is to be provided to existing finishes.
 4. The finish shall be Shop Applied by Imperial Glass Structures.
 - c. ADD Appendix A – PPG Duranar Coating Product Data Sheet

GENERAL COMMENTS:

1. The crane location(s) will be coordinated with the State during the Pre-Construction Meeting. The North and South circle drive and/or South Carriage Drives may be used with advance planning to close a section as needed.
2. Bidders who wish to perform a site inspection should contact Brad Berendzen at (573) 694-0763 or brad.berendzen@oa.mo.gov to schedule a time to enter the facility.
3. Please contact Mandy Roberson, Contract Specialist, at (573) 522-0074, mandy.roberson@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
4. The deadline for technical questions was Wednesday, March 9, 2022.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.

7. Current Planholders list is available online at: [O2040-01 Repair/Replace Skylights-Missouri State Capitol :: Plan Holders :: State of Missouri Office of Administration \(oafmdcplanroom.com\)](https://oafmdcplanroom.com)
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, (573) 446-7768 to get plans and specifications.
9. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for each alternate. Failure to do so will result in rejection of the bid.**
10. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**

ATTACHMENTS:

1. Appendix A – PPG Duranar Coating Product Data Sheet

March 11, 2022

END ADDENDUM NO. 3



PRODUCT DESCRIPTION

DURANAR fluoropolymer extrusion coatings are two-coat systems consisting of a patented primer and a durable color coat. They combine PPG proprietary resin and pigment technologies with 70% of the resin system being fluoropolymer base resins. For more than 40 years DURANAR extrusion coatings have demonstrated proven performance on exterior aluminum surfaces. They are highly resistant to chalking, fading, chipping, and peeling when properly applied by an approved applicator. DURANAR coatings resist dirt collection and chemical staining, and can significantly reduce maintenance and restoration costs over time. They meet AAMA 2605 performance specifications and are the architectural extrusion coatings of choice when exceptional durability and performance are required.

SYSTEM OVERVIEW

DURANAR extrusion coatings provide outstanding durability and performance in a variety of exterior architectural applications. Commercialized over 40 years ago, they have gained worldwide recognition as the leader in high performance, low maintenance coatings. Its coater friendly application properties allows the two-coat system to be applied “wet-on-wet” with a nominal coating thickness of 0.25 mil primer and 1.0 mil minimum topcoat.

DURANAR coatings provide exceptional aesthetics. They are available in a wide range of earthtone colors and offer excellent color consistency panel to panel compared to anodic finishes. DURANAR coatings are extremely inert, resisting chemical attack and surface damage caused by acid rain, salt deposits, mortar deposits, humidity, and graffiti. DURANAR coatings can also be repaired in the field if damaged.

COMMERCIAL USES

DURANAR spray-applied extrusion coatings are formulated to provide the ultimate performance against weathering in environments where added protection against industrial or seacoast influences such as corrosive chemicals, salt spray, etc. is not required.

(DURANAR XL coatings are recommended for these environments.) The two-coat DURANAR system is the coating of choice for use on pre-formed aluminum components such as storefronts, curtainwalls, windows, and louvers.

DURABILITY

DURANAR coatings are chemically inert, providing outstanding resistance against color and gloss fade, and environmental stress such as acid rain and ultraviolet attack. All pigments are tested for a minimum of ten years in south Florida prior to approval for use in any

DURANAR coating system. Additionally, DURANAR coatings are tested at exposure sites throughout the world in all types of climatic and industrial conditions to ensure the coatings’ outstanding performance and durability.

DURANAR and the PPG logo are registered trademarks and the PPG Certified Applicator Program logo is a service mark of PPG Industries, Inc.



DURANAR SPECIFICATIONS	
Colors Available	White, black, and a range of selected colors
Dry Film Thickness ASTM D1400	0.25 ± 0.05 mil primer 1.0 mil min. color coat
Gloss ASTM D523 @ 60°	Low & medium gloss
Pencil Hardness ASTM D3363	F min.
Cross Hatch Adhesion 1/16" wet and dry	Excellent — No removal
Direct Impact 1/10" distortion	Excellent — No removal
Acid Resistance ASTM D1308 10% muriatic acid spot test	No attack
Alkali Resistance Mortar pat test 100% relative humidity @ 100°F	24 hours — No attack
Detergent Resistance 3% immersion @ 100°F	72 hours — No attack
Salt Spray Resistance ASTM B117, 4000 hrs. 5% NaCl @ 100°F	1/16" maximum undercutting
Humidity Resistance ASTM D714, ASTM D2247, 4000 hrs. 100% relative humidity @ 100°F	Up to few #8 blisters maximum
Exterior Exposure 10 yrs. @ 45°, south Florida ASTM D2244 ASTM D4214 ASTM B244 (Erosion)	Maximum 5ΔE color change Maximum 8 chalk rating Maximum 5% film loss

DURANAR WARRANTY INFORMATION

PPG offers a comprehensive warranty on DURANAR extrusion coatings. For complete warranty information and a copy of the DURANAR extrusion coatings warranty, please call PPG at **1-800-258-6398**.

