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**ADDENDUM No. 3
TO THE CONTRACT DOCUMENTS**
for
New Terminal Building with
Paving, Drainage and Site Work
Sikeston Memorial Municipal Airport
Sikeston, Missouri
PROJECT 14-077B-1

Revised Bid Date: May 12, 2015

TO ALL PLANHOLDERS:

The Contract Documents for the Sikeston Airport Project are hereby changed as follows:

1. ARCHITECTURAL ADDENDUM

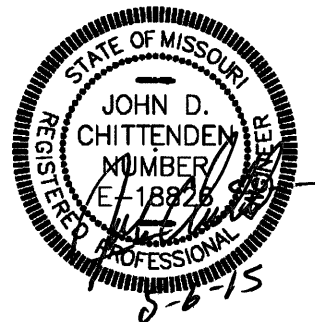
The attached Addendum #003 from Stephanie Ireland, consisting of 6 pages and dated May 6, 2015, is made a part of the contract documents through this Addendum No. 3.

Bidder should acknowledge receipt of this addendum on their bid form on page 89.



John Chittenden, PE

Date: May 6, 2015



+++++ End of Addendum No. 3 +++++



Addendum #003

5/6/2015

Project: Sikeston Memorial Municipal Airport
MoDot – Aviation Project 14-077B-1
Sikeston, Scott County, MO 63801

From: Stephanie D. Ireland
Email address: Stephanie@IrelandArchitects.com
Project #: 14-108

This Addendum forms a part of the Contract Documents and modifies or interprets the drawings. Acknowledge receipt of this addendum on proposals, failure to do so may subject bidder to disqualification.



This Addendum consists of the following narrative and the attached documents indicated herein. Review all documents for changes.

Revised Architectural Drawings:

- 1) All references to the exterior wall batt insulation shall be revised to read R-19 in lieu of R-13.

Revised Specification Sections:

1) 08 14 10 – Wood Doors

PART 2: PRODUCTS

INTERIOR FLUSH WOOD DOORS:

Face: **Natural** Birch, plain sliced

Grade: Premium with Grade **A** faces for transparent finishes. **(Change from Grade "AA" to "A")**

2) 07 76 00 Gutters, Downspouts, Flashing & Misc. Flashing

PART 2 MATERIALS

FASCIAS, EAVE FLASHING & CLEATS: ~~.040 aluminum~~ **24 ga galvanized steel** with Kynar, where exposed, **to match the roof**

COUNTERFLASHINGS: ~~.040 aluminum~~ **24 ga. galvanized steel** with Kynar finish **to match the roof**

GUTTERS & DOWNSPOUTS: ~~3105 aluminum, min tensile strength 28,000 psi, with baked-on acrylic finish,~~ **24 ga. galvanized steel with Kynar finish to match the roof**



Addendum #003

5/6/2015

Gutters: 6" wide, .027" **thickness 24 ga. galvanized steel** x 4 1/2" deep, or as shown on the drawings, **to match the roof.**

Downspouts: 3" x 4", .019" ~~thickness~~, 24 ga. galvanized steel, or as shown on the drawings, **to match the roof.**

3) 07 46 00 Aluminum Fascia & Soffits

ALUMINUM SOFFIT PANELS

Style; 6" wide panels, **.032"** ~~0.19"~~ thickness with 6" wide faces forming U-grooves fully lanced except where soffit panel is applied vertically, then use non-perforated panels

4) 07 61 00 Metal Roofing

PART 2 PRODUCTS

METAL ROOF PANELS:

Panels shall be striated to reduce oil canning

Add Specification Section:

1) 03 35 43 Dyed Polished Concrete – see attached.

PRODUCT SUBSTITUTION: The following products have been reviewed as the same quality as the meta roof specified. Approval of the QUALITY of this product does not exempt the rest of the requirements in the project manual, such as the Buy American Policy, etc.

The CavClear Masonry Mat substitution is approved to replace the SureCavity Rainscreen system and the drainage mat at the base of the wall. It will need to have a 1/2" thickness.

Revised Structural Drawings and Specifications:

Due to concern over availability of flyash in the region where this project is located and other concerns, flyash is no longer an approved ingredient in the concrete for this project. Note C7 on S0.0 shall be removed in its entirety and references in the specification manual to flyash shall also be removed from the contract documents.

Acknowledgment of Addendum

The undersigned hereby acknowledges receipt of Addendum #003.

Company: _____

By: _____

Title: _____

Date: _____

SECTION 03 35 43 - DYE STAINED COLORED GROUND AND POLISHED CONCRETE**PART 1 – GENERAL****1.1 SUMMARY**

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to Work of this Section.
- B. Section Includes:
 - 1. Dye stained concrete interior floor slabs.
 - 2. Grinding and polishing concrete surfaces.
- C. Related Sections:
 - 1. Division 3 Section "Cast-In-Place Concrete" for general applications of concrete and coordination of sample submittal and color selection.
 - 2. Division 7 Section "Joint Sealants" for colored sealant for joints.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM C309 "Liquid Membrane-Forming Compounds for Curing Concrete."
 - 2. ASTM C494 "Standard Specification for Chemical Admixtures for Concrete."

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's complete technical data sheets for the following:
 - 1. Concrete dye stain.
 - 2. Chemical lithium hardener
 - 3. Final finish
- B. Samples for Initial Selection: Manufacturer's color charts showing full range of colors available.
- C. Polished concrete samples: Size 18"x18" for each Polished Concrete finish required.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An installer with at least 5 years experience with work of similar scope and quality.
- B. Dye Stained Ground and Polished Concrete Field Samples:
 - 1. Provide under provisions of Division 1 Section "Quality Control".
 - 2. Construct sample panel using processes and techniques intended for use on permanent work, including curing procedures. Include samples of control, construction, and expansion joints in sample panels. Mockup shall be produced by the individual workers who will perform the work for the Project.
 - 4. Select from Part 4 – Schedules cut and shine level and finish coat.
 - 5. Edges should be included in mockup.
 - 6. Accepted mockup provides visual standard for work of Section.
 - 7. Mockup shall remain through completion of work for use as a quality standard for finished work.
 - 8. Remove mockup when directed.
- K. Environmental Limitations:

1. Comply with manufacturer's written instructions for substrate temperature and moisture content, ambient temperature and humidity, ventilation and other conditions affecting chemical performance. GC to conduct test for the flooring contractor to ensure when the flooring work can begin.
2. Application of finish and dye system shall take place a minimum of 21 days prior to fixture and trim installation and/or substantial completion.
3. Finish concrete area shall be closed to traffic during finish floor application and after application for the time as recommended by the manufacturer.

1.5 DELIVERY, STORAGE AND HANDLING

- A. All chemicals: Comply with manufacturer's instructions. Deliver in original, unopened packaging. Store in dry conditions.

1.6 PROJECT CONDITIONS

- A. Dye Stained Concrete Environmental Requirements:
 1. Schedule placement to minimize exposure to wind and hot sun before material has cured.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. L. M. SCOFIELD COMPANY, Douglasville, Georgia 1-800-800-9900 or equal

2.2 MATERIALS

- A. Solvent based color liquid dye concentrate: by L. M. SCOFIELD COMPANY or equal.
- C. Provide manufacturer's companion products, such as L. M. Scofield Company's Lithium Densifier and final finish product to help ensure color and protection.
- D. Acceptable product:
 1. SCOFIELD® Formula One™ Liquid Dye Concentrate by L. M. SCOFIELD COMPANY or equal.
 2. SCOFIELD® Formula One™ Lithium Densifier MP by L. M. SCOFIELD COMPANY or equal.
 3. SCOFIELD® Formula One™ Guard-W by L. M. SCOFIELD COMPANY or equal.
- E. Chemical Hardener/Densifiers Manufactured by L. M. SCOFIELD COMPANY or equal.
 1. Materials:
 - a. SCOFIELD® Formula One™-LD MP or equal shall be a high performing hardening and dust proofing compound that is chemically reactive and permanently bonds to concrete formulated to be used in conjunction with integrally colored concrete as well as uncolored concrete.
 - b. SCOFIELD® Formula One™ Guard-W or equal shall be a water-borne acrylic penetrating material formulated to protect polished concrete from normal staining and to enhance gloss.
 2. Planetary grinding equipment must be capable of providing a multiple step process starting with course metal bond diamonds and ending with fine resin bond diamonds.
- F. SUBSTITUTIONS: The use of products other than those specified will be considered providing that the Contractor requests its use in writing within 14-days prior to bid date. This request shall be accompanied by the following:
 1. A certificate of compliance from material manufacturer stating that proposed products meet or exceed requirements of this Section.

2.3 COLORS

- A. Concrete Dye Stain[s]:
 1. Liquid Dye Concentrate by L. M. SCOFIELD COMPANY or equal.
From manufacturer's standard colors, to be selected by the Owner.

PART 3 – EXECUTION

3.1 POLISHED CONCRETE APPLICATION

- A. Applicator shall examine the areas and conditions under which work of this section will be provided and the General Contractor shall correct conditions detrimental to the timely and proper completion of the work and the Applicator shall not proceed until unsatisfactory conditions are resolved. Unless determined prior to bid, the condition of the floor before the polishing process is the responsibility of the General Contractor. The floor must be protected from damage during general construction.
- B. Grind the concrete floor with metal bond diamonds removing construction debris until the specified Grade is obtained. The first cut must be performed with a metal bond diamond.
- C. After the 400 grit resin bond diamond has been used apply liquid dye and liquid hardener according to the manufacturer's current literature. Allow 12 hours to cure before continuing.
- D. Finish honing and polishing the floor to desired Class.
- E. After the polishing process has been completed apply protection guard material according to the products current technical bulletin. Allow to cure for 2-4 hours.
- F. Using a high-speed burnishing machine and diamond impregnated pads, burnish the surface to the desired gloss level.
- G. Upon completion, the work shall be ready for final inspection and acceptance by the customer.

3.2 PROTECTION

The General Contractor is responsible for using Temporary Floor Protection throughout the project to safeguard the surface quality of concrete slabs before and after application of decorative finishes or installations of other materials.

- A. All concrete floors that will be not be covered by other materials will be protected throughout the project. The concrete slab must be treated as a finished floor at all times during construction.
- B. Temporary Floor Protection will be removed only while finish work to the concrete is being performed and will be replaced after the final finish has cured sufficiently.
- C. Temporary Floor Protection will be Proguard Duracover as manufactured by L. M. Scofield Company, Douglasville, GA (800-800-9900). Seaming of the temporary floor protection will be performed with Scofield Proguard Heavy Duty Seaming Tape. Both products will be installed following the manufacturer's published installation procedures.
- D. DO NOT APPLY THE HEAVY DUTY SEAMING TAPE TO BARE OR FINISHED FLOORS OR WALL SURFACES AT ANY TIME. IT WILL PERMANENTLY DAMAGE THE FLOOR
- E. No substitutions will be allowed.

3.3 CLEANING

- A. The work area shall be kept clean and free of debris at all times.
- B. Remove slurry and dust from adjoining surfaces as necessary.
- C. Dispose of material containers in accordance with local regulations.
- D. Protect finished work until fully cured per manufacturer's recommendations.

3.4 APPLICATORS

- A. For a list of Certified Applicators, contact Scofield at 1-800-800-9900 or another approved manufacturer.

PART 4 – SCHEDULES

4.1 CUT AND SHINE LEVELS

- A. Shine Level (Gloss level)
 - 1. **Class 1**

END OF SECTION