

**Date:** August 11, 2016

## **Addendum No. 1**

**Project:** Legislative Hall Secure Loading Dock  
MC1002000319

**Project No:** 15045

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The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

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<i>Item</i>	<i>Description</i>
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**General:**

1. See attached Pre-Bid Sign in Sheet.
2. See meeting minutes below:
  1. Welcome and intro
  2. Noted that Prebid meeting is mandatory and you must be signed in
  3. Reviewed advertisement for bid
    - a. Noted Due Date and Location – August 18, 2:30 at OMB
    - b. Noted Last day for questions – August 10
    - c. Noted Substantial Completion Date – December 1
  4. Reviewed bid form and Sub-contractor list
    - a. Noted that Owner/Architect must be notified of any proposed changes to the subcontractor list
    - b. Noted that all items on the bid form must be filled in
    - c. Noted that all Addenda must be individually acknowledged by number
  5. Reviewed Drug Testing Documents and policy
  6. Questions to be in writing copy to Phil, Paul, John
  7. Reviewed scope of work
  8. Noted work must coordinate with ongoing operations in the building
  9. Access badges will be provided for Field Super and limited other individuals that require access to other parts of the building. Badges should not be shared.
  10. Noted work to be completed by Advantec – All low voltage wiring and controls
  11. Q&A
    - a. Anticipate start in 2<sup>nd</sup> or 3<sup>rd</sup> week of September
    - b. Must schedule work at the loading dock early and expedite this work to minimize closure of the dock. Deliveries will be required through the dock while work is ongoing elsewhere.
    - c. Safing and dust enclosure will be required to separate work area from public corridor. Plastic sheet is acceptable.
    - d. Work at the interior corridors walls should be expedited to minimize disruption to adjacent spaces.
    - e. All ceiling tiles should be retained. Ceiling tiles are no longer available. Existing tiles will be reused.
    - f. Laydown space will be available at back of Credit Union parking lot
    - g. GC is to provide power and conduit to vehicle gate. Advantec will pull low voltage wiring and install motor and controls
  12. Tour of work area and electrical room

13. Scheduled additional walk through for Monday, August 8 at 9:00am. Additional walk through is not mandatory.

### **Clarifications:**

1. **Question:** Is the new panel on the emergency side of the gear?  
**Answer:** Yes
2. **Question:** Getting into the basement ceiling. Is there core drilling needed?  
**Answer:** Core drill as req'd. to facilitate distribution of duct and pipe at wall and floor penetrations is the responsibility of the contractor.
3. **Question:** Wall type 'C' is noted in room 101 on 2/A3.1. Wall type 'C' is not defined, please provide.  
**Answer:** Wall type "C" = CFMF studs @ 16" O.C. with sheathing and plaster finish ea. side. Contractor to match existing wall width and finishes.
4. **Question:** Please confirm that background checks will be performed by the owner.  
**Answer:** Yes
5. **Question:** 2/A3.1 calls for a new downspout at the loading dock. 3/A3.1 shows this downspout as existing. Please clarify.  
**Answer:** Existing downspout is to be demolished in its entirety. New downspout is to be installed and connected to existing gutter above new canopy. See SK-A.2.
6. At door 103A is an FRP door with HM frame. Contractor to install brick mold to match existing at new frame.
7. Frame Type 'C' at door 103A is a custom frame dimensions on dgw. Are for reference only. Verify all dimensions in field.

### **Changes to Drawings:**

#### Architectural

1. *Original Drawing A3.1 – Sketch SK-A.1 Handrail Details* – Sketch issued to show typical handrail requirements.
2. *Original Drawing A3.1 – Sketch SK-A.2 Loading Dock Canopy Details*- Sketch issued to clarify gutter and downspout issues.
3. *Sketch SK-A.3 – Typical Louver Detail* – Sketch issued to confirm masonry opening detail at mechanical louver penetrations.

### **Changes to Specification Manual:**

1. *Specification Section 23 81 27 – Small Split System Heating and Cooling:* Add "Samsung" to the approved list of manufacturers.
2. *Specification Section 09 96 56 – Concrete Epoxy Sealer* has been added to Specification Manual
3. *Specification Section 10 11 01 – Visual Display Boards* has been added to Specification Manual



**HEADQUARTERS**

2500 WRANGLE HILL ROAD  
 FOX RUN OFFICE PLAZA, SUITE 110  
 BEAR, DE 19701

302.832.1652 **PHONE**  
 302.832.1423 **FAX**

**ARCHITECTS      ENGINEERS      FACILITIES SOLUTIONS**

Project: State of Delaware – OMB/DFM  
 Legislative Hall, Loading Dock Security  
 Project No.: 15045

Pre-Bid Meeting  
 August 3, 2016

**SIGN IN SHEET**

ATTACH BUSINESS CARD

or

WRITE: Name, Firm, Phone, Email

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 GUARDIAN ENVIRONMENTAL SERVICES  
 Matt Tarr  
 mtarr@gesoncall.com  
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**VENTRESCA BROS. INC.**  
 www.ventrescabros.com  
 Phone (302) 658-6436  
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 GENERAL CONTRACTORS AND BUILDERS  
 2300 N. DuPont Highway • New Castle, DE 19720  
 TONY VENTRESCA  
 Project Manager  
 302-275-0074 Cell  
 tony@ventrescabros.com

**Bathon Builders**  
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 Commercial Construction  
 &  
 Historical Restoration  
 Phone: (410) 398-0800  
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 Bathon Builders  
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Name:	Matt Tarr
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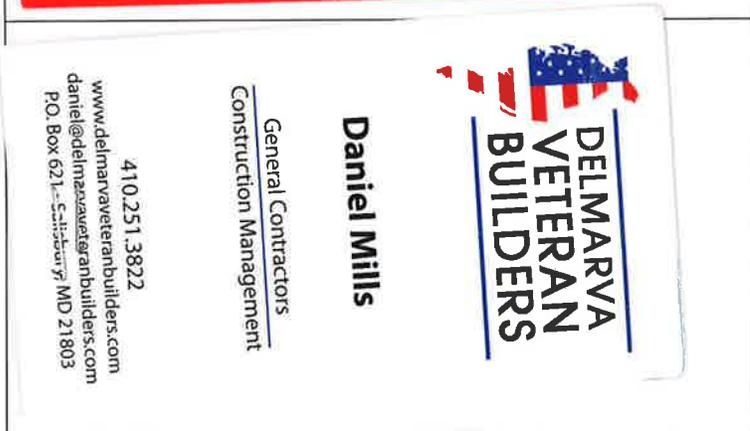
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ARCHITECTS ENGINEERS FACILITIES SOLUTIONS

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Pre-Bid Meeting  
August 3, 2016

SIGN IN SHEET

ATTACH BUSINESS CARD

or

WRITE: Name, Firm, Phone, Email

Large empty rectangular box for business card attachment.

Name:	Tyrone Markese
Firm:	Amakore
Phone:	302-834-8664
Fax:	302 834-8681
Email:	Amakor @ Ae2,CCM
Name:	Brian C Thompson
Firm:	Conventional Builders, INC
Phone:	302-422-2429
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Email:	conventionalbuilders@comcast.net
Name:	Louis DeIdea
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Phone:	302-791-0243
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Email:	loudeidea@COMCAST.NET

**SECTION 09 96 56  
CONCRETE EPOXY SEALER**

**PART 1 GENERAL**

**1.1 SUMMARY**

- A. This Section specifies an applied epoxy for horizontal cast-in-place concrete surfaces.
- B. Related Sections: Refer to the following specification sections for coordination:
  - 1. Section 03 30 00 - Cast-In-Place Concrete.
- C. Light duty floor coatings include a base prim epoxy coat and topcoat to create a dense protective overlay. All surfaces shall be abrasive shot blasted to remove unsounded concrete and cleaning surface as necessary. Surface profiling of wear surface areas is recommended to improve the coefficient of friction.
- D. The epoxy shall be placed at the manufactures specified thickness or as specified per plans. The epoxy materials shall conform to the applied specifications required under this project for concrete construction unless specification is modified.
- E. Contractor shall prior to application, demonstrate that the equipment to be used and procedures to be followed are capable and reliable to satisfactorily batch, mix, deliver, and place all materials and systems specified herein.

**1.2 SUBMITTALS**

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. A cured 2 by 2 feet in size, polymer overlay including, acceptable color shall be submitted for approval. The texture of the sample surface may be changed at owners request for safety requirement at no cost to owner. The sample will be labeled as a sample of the floor overlay, including manufacture of prime coat and top coat, pigment color, identification of system, contractor's name. Signed and dated by contractor.

**1.3 QUALITY ASSURANCE**

- A. Installer: Minimum 5 years' experience with epoxy flooring materials. Shall be an experienced factory trained contractor who specializes in installing polymer type flooring systems.
- B. Single Source: Flooring materials including polymers for the base and topcoats and surface profile aggregate come from a single manufacture, Concrete Coatings Inc.
- C. Moisture Emissions: When requires the concrete shall be tested for moisture emission using ASTM F1869. One test shall be placed for every 1,000 square feet of concrete surface area to be overlaid. A moisture vapor transmission of no more than 3 lbs. per 1,000 square feet per 24 hours is considered acceptable. Vapor transmissions over 3 lbs. per 1,000 square feet per 24 hours requires treatment of the surface to reduce the reading to an acceptable range. The treatment will be recommended by the manufacturer. Test data will be presented to the manufacture and owner prior to the start of installation.
- D. Surface Soundness and Cleanliness: Surface will be shot blasted or mechanically ground to give a profile per manufacture's requirements. Parameter will be hand ground ensuring all edges next to walls or areas where shot blaster or grinder does not reach to ensure profile.

#### 1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in unopened factory labeled packages. Protect from damage.
- B. Store in a safe place, out of direct sunlight. Keep containers tightly sealed. Do not allow product to freeze. Use within manufacturer's recommended shelf life, approximately 12 months.
- C. Follow manufactures instructions for handling and pre-conditioning all materials.

#### PART 2 - PRODUCTS

##### 2.1 MATERIALS

- A. Polymers: Base coat polymer shall be Shield 50 straw or pigmented per specifications. Top coat shall be Shield 50 straw or UV Shield clear per specifications. All polymer products shall be 100% solids, contain no VOC's, low to no order, non-shrinking and designed as a moisture insensitive formula. Polymer products are available from Concrete Coatings Inc., 1105 North 1600 West, Layton, UT 84041, 800-443-2871, [www.concretecoatingsinc.com](http://www.concretecoatingsinc.com).
- B. Aggregate: Shall be CCI Broadcast Sand, CCI Broadcast Quartz, or CCI Broadcast Flake. Available at Concrete Coatings Inc. 1105 North 1600 West, Layton, UT 84041, Tel 800-443-2871, Fax 801-544-5896, [www.concretecoatingsinc.com](http://www.concretecoatingsinc.com).

#### PART 3 - EXECUTION

##### 3.1 PREPARATION

- A. Use abrasive surface preparation equipment or method approved by manufacture to remove existing contaminants which would inhibit bond but will provide bond profile.
- B. Use mixing equipment capable of blending the preconditioned polymer into a homogenous mix without entraining air or shortening the pot life as instructed by manufacture. Apply the mixed polymers immediately do not leave in mass form.

##### 3.2 PLACEMENT

- A. Repair cracks, joints, patching, vapor barrier or regarding as part of surface prep.
- B. Apply Concrete Coatings Inc. Shield 50 at a rate of 150 square feet per gallon over clean surface with squeegee and rollers. Allow to become tack free before applying second coat or top coat.
- C. Apply Concrete Coatings Inc. Shield 50 or UV Shield at a rate of 150 square feet per gallon evenly over the substrate surface. An application at this rate will be approximately 10 mils per coat. It is recommended that a thin-mil or "neat system" receive a minimum of two coats, achieving a 20-25 mil total cured thickness. The surface profile (texture) is to be lightly broadcast in areas requiring added texture per specification. Broadcast aggregate into wet topcoat and back roll aggregate into wet epoxy.
- D. Follow cure and reapplication times per manufacture requirements and recommendations.

**END OF SECTION**

**SECTION 10 11 01**  
**VISUAL DISPLAY BOARDS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Markerboards and Tackboards.

**1.02 RELATED REQUIREMENTS**

- A. Section 01 61 16 - Volatile Organic Compound (VOC) Content Restrictions.
- B. Section 01 74 19 - Construction Waste Management and Disposal: Limitations on disposal of removed materials; requirements for recycling.
- C. Section 04 20 00 Unit Masonry: Substrate construction.
- D. Section 09 21 16 - Gypsum Board Assemblies: Concealed supports in metal stud walls.

**1.03 REFERENCE STANDARDS**

- A. ANSI A135.4 - American National Standard for Basic Hardboard.
- B. ANSI A208.1 - American National Standard for Particleboard.
- C. ASTM A424 - Standard Specification for Steel, Sheet, for Porcelain Enameling.
- D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's data on markerboard, tackboard, trim, and accessories.
- C. Shop Drawings: Indicate wall elevations, dimensions, joint locations, special anchor details.
- D. Samples: Submit two samples 2 by 2 inch in size illustrating materials and finish, color and texture of markerboard, tackboard, and trim.
- E. Test Reports: Show conformance to specified surface burning characteristics requirements.
- F. Manufacturer's printed installation instructions.
- G. Maintenance Data: Include data on regular cleaning, and stain removal .

**1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum 10 years documented experience.

**1.06 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year warranty for markerboard to include warranty against discoloration due to cleaning, crazing or cracking, and staining.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Visual Display Boards:
  - 1. Claridge Products and Equipment, Inc; Product Marker Board - Claridge LCS Deluxe; Tackboard - Claridge AC Series: [www.claridgeproducts.com](http://www.claridgeproducts.com).
  - 2. Aarco Products, Inc.
  - 3. Substitutions: See Section 01 60 00 - Product Requirements.

**2.02 VISUAL DISPLAY BOARDS**

- A. Markerboards: Porcelain enamel on steel, laminated to core.
  - 1. Color: White.
  - 2. Metal Face Sheet Thickness: 0.024 inch (24 gage).

3. Core: Particleboard, 3/8 inch thick, laminated to face sheet.
  4. Backing: Aluminum sheet, laminated to core.
  5. Size: As indicated on drawings.
  6. Frame: Extruded aluminum; as indicated on drawings, with concealed fasteners.
  7. Frame Profile: As indicated on drawings
  8. Frame Finish: Anodized, satin.
  9. Accessories: Provide chalk tray, map rail, flag holder, and map hooks.
  10. Magnetic.
- B. Tackboards: Composition cork.
1. Cork Thickness: 1/4 inch.
  2. Color: As selected from manufacturer's full range.
  3. Backing: Hardboard, 1/4 inch thick, laminated to tack surface.
  4. Surface Burning Characteristics: Flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84.
  5. Size: As indicated on drawings.
  6. Frame: Same type and finish as for markerboard.
  7. Frame: Extruded aluminum; As indicated on drawings, with concealed fasteners.
  8. Frame Finish: Anodized, natural, satin.

## **2.03 MATERIALS**

- A. Porcelain Enameled Steel Sheet: ASTM A424, Type I, Commercial Steel, with fired-on vitreous finish.
- B. Particleboard: ANSI A208.1; wood chips, set with waterproof resin binder, sanded faces.
- C. Aluminum Sheet Backing: 0.015 inch thick.

## **2.04 ACCESSORIES**

- A. Map Rail: Extruded aluminum, manufacturer's standard profile, with cork insert, end stops, and runners for accessories; 1 inch wide, full width of frame.
- B. Map Supports: Formed aluminum sliding hooks to fit map rail. "One support per two feet of map rail."
- C. Temporary Protective Cover: Sheet polyethylene, 8 mil thick.
- D. Flag Holders: Cast aluminum bored to receive 1 inch diameter flag staff, bracketed to fit top rail of board (2) per board.
- E. Cleaning Instruction Plate: Provide instructions for chalkboard cleaning on a metal plate fastened to perimeter frame near chalkrail.
- F. Chalk Tray: Aluminum, style as indicated on drawings one piece full length of chalkboard, closed ends; concealed fasteners,; manufacturer's standard fastening method, same finish as frame.
- G. Mounting Brackets: Concealed.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that field measurements are as indicated and indicated on shop drawings.
- B. Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

### **3.02 INSTALLATION**

- A. Install boards in accordance with manufacturer's instructions. Mounting height per drawings.
- B. Secure units level and plumb.
- C. Butt Joints: Install with tight hairline joints.

**3.03 CLEANING**

- A. Clean board surfaces in accordance with manufacturer's instructions.
- B. Cover with protective cover, taped to frame.
- C. Remove temporary protective cover at date of Substantial Completion.

**END OF SECTION**

**DRAWINGS REDACTED**