

# ADDENDUM NUMBER ONE

January 17, 2017

ANTELOPE VALLEY COLLEGE – ELECTRONIC MESSAGE SIGN  
3041 West Avenue K  
Lancaster, CA 93536

Issued By:  
KRUGER BENSEN ZIEMER ARCHITECTS, INC.  
30 West Arrellaga Street  
Santa Barbara, CA 93101

To all bidders submitting proposal(s) for the captioned project: this Addendum is hereby made part of the Contract Documents to the same extent as though it was originally included therein and takes precedence over the original documents and any previous addenda.

## Acknowledge receipt of the Addendum on Form of Proposal

### A. GENERAL

---

1. None

### B. PROJECT MANUAL

---

ITEM NO. 1: Section 00020 – Notice Inviting Bids:

1. Page 00200- 1: REVISE to read as follows:  
“Submittal of Bid Proposals: Tuesday, February 14, 2017 @ 1:00PM”

ITEM NO. 2: Section 01210 - Allowances:

1. Page 01210- 2, Paragraph 3.1.1.1 REVISE to read as follows:  
A. Category 04 - \$ 25,000.00

ITEM NO. 3: Section 01210 - Allowances:

1. Page 01210- 2, Paragraph 3.1.2: REVISE to read as follows:  
“Cash allowances shall be “NET” cost amounts. The contractors shall include all cost associated with the processing of items that may be charged against the designated allowance amount including estimating, project management, supervision, withholding of retention, overhead, profit and bond costs in their base bid. The only allowable markup shall be a 10% overhead and profit fee by any subcontractor that may perform work (labor) submitted under the prime contractor. The prime contractor shall receive no additional markups. If any allowance amount (in whole or part) is deleted by change order at any given point of the project, the Contractor shall credit back the full or unused portion of the allowance amount stipulated. The Category contractor shall not be entitled to withhold any monies for overhead or profit or be obligated to return any overhead or profit included within their base bid. The use of any allowances is at the sole

ADDENDUM NUMBER ONE

discretion of the Construction Manager/District.”

ITEM NO. 4: Section 101463 - Large Format LED Display and Messaging Sign:

1. Page 101463- 4, Paragraph 1.12B – Warranty: REVISE to read as follows:

“B. Provide display with the manufacturer’s standards 5 year warranty, including zero LED failure and zero components failure including all hardware and software.”

ITEM NO.5: Section 099113 – Exterior Painting

1. Add paint system P5C for the painting of concrete. Section 0999113 is re-issued in its entirety and supersedes section that was originally issued.

**C. DRAWINGS**

---

ITEM NO. 1 SHEET A-301 – Exterior Finish for Concrete:

1. Add the following note: “ALL EXPOSED CONCRETE SHALL BE PAINTED P5C. MATCH THE COLOR OF THE EXISTING CONCRETE MONUMENT SIGN.”

END OF ADDENDUM NUMBER ONE

## SECTION 099113 - EXTERIOR PAINTING

### PART 1 – GENERAL

#### 1.1 SUMMARY

- A. Exterior Painting includes surface preparation and the application of paint systems on the following exterior substrates:
  - Galvanized metal.
- B. Surface preparation, priming, and finish coats are in addition to shop priming and surface treatment.
- C. Paint exposed surfaces whether or not surface or colors are designated in "schedules", except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces.

#### 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For each type of topcoat product indicated.
- C. Delete paragraph above if colors and other characteristics are preselected and specified or scheduled. Retain first paragraph and subparagraphs below with or without above.
- D. Samples for Verification: For each type of paint system and each color and gloss of topcoat indicated.
  - Submit Samples on actual material to be painted, 8 inches square minimum.
  - Step coats on Samples to show each coat required for system.
  - Label each coat of each Sample.
  - Label each Sample for location and application area.
- E. Product List: For each product indicated, include the following:
  - 1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.

### 1.3 QUALITY ASSURANCE

- A. Applicator Qualifications: Engage an experienced applicator who has completed projects similar in material, design, and extent to that indicated for this Project and with a record of 3 years successful in-service performance.
- B. MPI Standards:
  - 1. Preparation and Workmanship: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and paint systems indicated.
- C. Mockups: Apply benchmark samples of each paint system indicated and each color and finish selected to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.  
Architect will select one surface to represent surfaces and conditions for application of each paint system scheduled.
  - a. Architect will designate items or areas required.

Final approval of color selections will be based on benchmark samples.

- b. If preliminary color selections are not approved, apply additional benchmark samples of additional colors selected by Architect at no added cost to Owner.

### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.  
Maintain containers in clean condition, free of foreign materials and residue.  
Remove rags and waste from storage areas daily.

### 1.5 PROJECT CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F.
- B. Do not apply paints in snow, rain, fog, or mist; when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

## 1.6 EXTRA MATERIALS

- A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents.
  - 1. Quantity: Furnish 1 gal. of each material and color applied except for plural component coatings.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by PPG Architectural Finishes.
- B. Material Compatibility:
  - Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
  - For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.
- C. Colors: As indicated on drawing.

## PART 3 -EXECUTION

### 3.1 EXAMINATION

1. Examine substrates and conditions, with Applicator present, for compliance with requirements and other conditions affecting performance of work.
2. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
3. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.
4. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.

### 3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.
- B. Remove plates, machined surfaces, and similar items already in place that are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.  
After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- C. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.  
Remove incompatible primers and re-prime substrate with compatible primers as required to produce paint systems indicated.
- D. Steel Substrates: Remove rust and loose mill scale. Clean using methods recommended in writing by paint manufacturer.
- E. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal fabricated from coil stock by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.
- F. Remove or protect prior to surface preparation and painting operations, and all items in contact with painted surfaces and not to be painted.

### 3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions.  
Use applicators and techniques suited for paint and substrate indicated.  
Paint surfaces behind movable items same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed items with prime coat only.  
Galvanized steel: remove oil or soap with detergent or emulsion cleaner. Light abrasive in accordance to SSPC SP 16 guidelines. Archive surface profile of 1.5 – 3.0 mils.  
Ferrous Steel: remove all loose rust, dirt, debris, grease or other contaminants required by SSPC SP 6 Commercial Blast guideline.
- B. Brush apply metal primer over all weld joints and field cuts.

- C. After priming and prior to intermediate and secondary coats, "stripe coat" all joints and outer edges of metals with PPG Amerlock 2 VOC High Solids Epoxy. Refer to Exterior Finish Schedule.
- D. If tinting is not required, delete first paragraph below. Different tints will show through as topcoat erodes.
- E. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- F. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- G. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections.
- H. Perform adhesion tests between subsequent applied layers. Continue coating application only after unsatisfactory conditions have been corrected.

### 3.4 FIELD QUALITY CONTROL

- A. Testing of Paint Materials: Owner reserves the right to invoke the following procedure at any time and as often as Owner deems necessary during the period when paints are being applied: Owner will engage the services of a qualified testing agency to sample paint materials being used. Samples of material delivered to Project site will be taken, identified, sealed, and certified in presence of Contractor.  
Testing agency will perform tests for compliance of paint materials with product requirements. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying-paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

### 3.5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.

- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

### 3.6 EXTERIOR PAINTING SCHEDULE

#### A. Galvanized Metal Substrates – Paint Type **P8A**:

##### High-performance, Industrial, Air-Dry Coating System

- a. (1) Prime Coat: PPG Amerlock 2 VOC High Solids Epoxy at 4.0 – 8.0 mils DFT per coat.
- b. (1) Stripe Coat & (1) Intermediate Coat: PPG Amerlock 2 High Solids Epoxy at 4.0 – 8.0 mils DFT per coat.
- c. (2) Top/Finish Coats: PPG PSX 700 Engineered Siloxane at 3.0 – 7.0, Gloss finish.

#### B. Concrete – Paint Type **P5C**:

- 1. Acrylic Eggshell Finish (Gloss Level 10-15% on a 60° meter)
  - a. 1<sup>st</sup> coat: Dunn Edwards, SUPER-LOC Premium, SLPROO-2-WH, Masonry/Bonding Primer, (50 g/L VOCs).
  - b. 2<sup>nd</sup> coat: Dunn Edwards, SPARTASHIELD, SSSL30, (45 g/L VOCs).
  - c. 3<sup>rd</sup> coat: Dunn Edwards, SPARTASHIELD, SSSL30, (45 g/L VOCs).



Date: \_\_\_\_\_ Project Name: Antelope Valley College – Electronic Message Sign

WARRANTY FOR \_\_\_\_\_, in Agreement between Antelope Valley Community College District  
(Specification Section) (Owner)

and \_\_\_\_\_  
(the "Contractor") (Name of Installer or Subcontractor or Manufacturer)

hereby guarantees to the Owner that the portion of the Work described as follows:

\_\_\_\_\_, which it has provided for the above referenced Project, is of good quality; free from defects; free from any liens, claims, and security interests; and has been completed in accordance with Specification Section \_\_\_\_\_ and the other requirements of the Contract.

The undersigned further agrees that, if at any time within sixty (60) months after the date hereof the undersigned receives notice from the Owner that the aforesaid portion of the Work is unsatisfactory, faulty, deficient, incomplete, or not in conformance with the requirements of the Contract, the undersigned will, within ten (10) calendar days after receipt of such notice, correct, repair, or replace such portion of the Work, together with any other parts of the Work and any other property which is damaged or destroyed as a result of such defective portion of the Work or the correction, repair, or replacement thereof; and that it shall diligently and continuously prosecute such correction, repair, or replacement to completion.

In the event the undersigned fails to commence such correction, repair, or replacement within ten (10) calendar days after such notice, or to diligently and continuously prosecute the same to completion, the undersigned, collectively and separately, do hereby authorize the Owner to undertake such correction, repair, or replacement at the expense of the undersigned; and the Contractor will pay to the Owner promptly upon demand all costs and expenses incurred by the Owner in connection therewith.

This warranty shall be in addition to and not a limitation of other rights the Owner may have against the Contractor under the Contract Documents.

SUBCONTRACTOR OR INSTALLER

Signed \_\_\_\_\_ Title \_\_\_\_\_

Typed Name \_\_\_\_\_

Name of Firm \_\_\_\_\_

Contractor License Number \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

MANUFACTURER (If Applicable)

Signed \_\_\_\_\_ Title \_\_\_\_\_

Typed Name \_\_\_\_\_

Name of Firm \_\_\_\_\_

CONTRACTOR

Signed \_\_\_\_\_ Title \_\_\_\_\_

Typed Name \_\_\_\_\_

Name of Firm \_\_\_\_\_

END OF SECTION 099113