ADDENDUM NUMBER TWO
March 14th, 2016

AVC APPLIED ARTS BUILDING RENOVATION
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 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 addenda.

Acknowledge receipt of the Addendum on Form of Proposal

A. PROJECT MANUAL

ITEM NO. 1.1:

Reference Specification Section 01011 Work Scope Special Conditions

Replace specification section 01011 Work Scope Special Conditions in its entirety with the attached 01011 Work Scope Special Conditions.

ITEM NO. 1.2:

Specification 099123- Interior Painting

Revised specification section 099123, replace entirety with the attached 099123 specification.

ITEM NO. 1.3:

Specification 115200 – Audio Visual Equipment

Revised specification section 115200, changed to manually operated projector screens, replace entirety with the attached 115200 specification.

B. DRAWINGS

ITEM NO. 1.1:

Replace the following sheets in their entirety:

AD-101 See Clouded Addendum No 2 Items
AD-102 See Clouded Addendum No 2 Items
A-101 See Clouded Addendum No 2 Items
A-103  See Clouded Addendum No 2 Items
A-201  See Clouded Addendum No 2 Items
A-202  See Clouded Addendum No 2 Items
A-401  See Clouded Addendum No 2 Items
A-504  See Clouded Addendum No 2 Items
A-602  See Clouded Addendum No 2 Items
P-200  See Clouded Addendum No 2 Items
E-001  See Clouded Addendum No 2 Items
E-002  See Clouded Addendum No 2 Items
E-200  See Clouded Addendum No 2 Items
E-201  See Clouded Addendum No 2 Items

C. ATTACHMENTS

I. SPECIFICATIONS

Section 099123  Interior Painting
Section 115200  Audio Visual Equipment

II. DRAWINGS

AD-101  Demo Floor Plan
AD-102  Demo RCP
A-101  Partial Site Plan
A-103  Reflected Ceiling Plan
A-201  Interior Elevations
A-202  Interior Elevations
A-401  Enlarged Floor Plan
A-504  Interior Details
A-602  Room Finish Schedule
P-200  Plumbing Demo Floor Plan
E-001  Electrical Legend, Symbol, List & General Notes
E-002  Panel Schedules
E-200  Partial Electrical Demo Plan
E-201  Partial Electrical Plan

END OF ADDENDUM NUMBER TWO
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>CONTRACTOR CATEGORY NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Contractor shall not interfere with the normal, regular, or existing business operations or activities of the College at the project site.</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Properly protect existing improvements scheduled to remain when performing work within this category.</td>
<td>yes</td>
</tr>
<tr>
<td>3</td>
<td>Properly &amp; completely coordinate all work through the Construction Manager to ensure that all work is properly and efficiently installed per the project manual.</td>
<td>yes</td>
</tr>
<tr>
<td>4</td>
<td>All daily reports shall be turned into the Construction Manager on a daily basis.</td>
<td>yes</td>
</tr>
<tr>
<td>5</td>
<td>All deliveries and material or equipment moving between construction areas shall be coordinated and approved by the Construction Manager prior to commencement.</td>
<td>yes</td>
</tr>
<tr>
<td>6</td>
<td>This Contractor shall include all site visits as requested by the Construction Manager with the purpose of coordinating with the applicable Category Contractors. This Contractor shall also provide, all layouts for the integration of work between this Category and the applicable Categories.</td>
<td>yes</td>
</tr>
<tr>
<td>7</td>
<td>Utilize suitable equipment for traversing the site, hauling or relocating of materials, and/or erection of items within this trade regardless of soils conditions or grades at no additional cost or delay to the schedule.</td>
<td>yes</td>
</tr>
<tr>
<td>8</td>
<td>Contractors within this category shall pay and maintain cell phone numbers for their project foreman throughout the duration of this project.</td>
<td>yes</td>
</tr>
<tr>
<td>9</td>
<td>Provide all job verification and field measuring as may be needed and/or required to ensure that the work is coordinated and fits properly.</td>
<td>yes</td>
</tr>
<tr>
<td>10</td>
<td>Repair any and all finishes damaged as a result of the execution of the work in this category.</td>
<td>yes</td>
</tr>
<tr>
<td>11</td>
<td>Provide cleanup on a daily basis to insure a clean and safe &amp; accessible work environment.</td>
<td>yes</td>
</tr>
<tr>
<td>12</td>
<td>Contractor to provide trash containers and/or properly dispose of waste, trash, lunch trash and debris. This includes procurement of all hauling permits and/or dump fees which may be required. This applies equally to any/all subcontractors employed by the Prime Contractor.</td>
<td>yes</td>
</tr>
<tr>
<td>13</td>
<td>Be advised - the project site is located in an area of potential high winds. The protection against and prevention of wind damage to incomplete work or on-site stored materials is the responsibility of the contractor.</td>
<td>yes</td>
</tr>
<tr>
<td>14</td>
<td>Be advised - the project site is located in an area of potential high heat. The protection against and prevention of heat damage to incomplete work or on-site stored materials is the responsibility of the contractor.</td>
<td>yes</td>
</tr>
<tr>
<td>15</td>
<td>The Construction Manager will set the construction working hours on site.</td>
<td>yes</td>
</tr>
<tr>
<td>16</td>
<td>Completely furnish all cutting and patching as required in all existing construction including finishes due to the installation of work of this category contractor.</td>
<td>yes</td>
</tr>
<tr>
<td>17</td>
<td>Coordinate through Facilities to sign out a parking pass and badge for each employee.</td>
<td>yes</td>
</tr>
<tr>
<td>18</td>
<td>Parking areas shall be designated by the Construction Manager.</td>
<td>yes</td>
</tr>
<tr>
<td>19</td>
<td>The Construction Manager will review and approve the placement of all temporary storage containers, trailers and stored materials.</td>
<td>yes</td>
</tr>
<tr>
<td>ITEM:</td>
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<td>4</td>
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<tr>
<td>20</td>
<td>It shall be established that any materials delivered &quot;Freight on Board&quot; (FOB) shall be unloaded by the Category Contractor that is receiving these items, any discrepancy in quantities or any damage to any items must be acknowledged at the time of delivery. Any discrepancy in quantity or damage that goes unreported shall be the responsibility of the receiving Category Contractor to replace and/or repair.</td>
<td>yes</td>
</tr>
<tr>
<td>21</td>
<td>Provide all barricades, warning lights and signs &amp; safety measures etc. required for the execution of the work within this category.</td>
<td>yes</td>
</tr>
<tr>
<td>22</td>
<td>Contractor shall verify and keep all existing systems fully operational as they execute the scope of work within this contract.</td>
<td>yes</td>
</tr>
<tr>
<td>23</td>
<td>Provide all demolition as indicated on the project documents unless otherwise noted within this work scope special conditions.</td>
<td>yes</td>
</tr>
<tr>
<td>24</td>
<td>Provide all demolition activities associated with electrical work; conduit, circuits, lights, switches, receptacles, etc.</td>
<td>no</td>
</tr>
<tr>
<td>25</td>
<td>Provide all demolition activities associated with mechanical work; control conduit, control wire, thermostats, registers etc.</td>
<td>no</td>
</tr>
<tr>
<td>26</td>
<td>Provide moisture &amp; PH testing prior to commencement of prep/patch for the flooring installation for verification that the existing substrate does not exceed the manufactures recommendations for moisture vapor emission and PH levels.</td>
<td>yes</td>
</tr>
<tr>
<td>27</td>
<td>Provide and maintain all temporary chemical toilets and temporary had wash stations for the duration of the project. A minimum of 2 toilets and 1 hand station at each building staging area shall be provided and may be adjusted based upon the quantity of manpower present on the jobsite. Provide twice a week cleaning.</td>
<td>yes</td>
</tr>
<tr>
<td>28</td>
<td>Provide any and all security measures for the door openings once the frames have been demolished until the new openings have been secured with the new frames, doors and hardware.</td>
<td>yes</td>
</tr>
<tr>
<td>29</td>
<td>This Category Contractor shall verify existing ADA path of travel indicated on documents. If discrepancies are present, issue RFI for direction.</td>
<td>yes</td>
</tr>
<tr>
<td>30</td>
<td>Provide and install all corner guards shown on contract documents.</td>
<td>yes</td>
</tr>
<tr>
<td>31</td>
<td>Provide and install fume hood and associated items for a complete and operable system.</td>
<td>yes</td>
</tr>
<tr>
<td>32</td>
<td>This Category Contractor to include all plumbing activities as shown on Plumbing Drawings and Specifications</td>
<td>yes</td>
</tr>
<tr>
<td>33</td>
<td>Provide and install the operable wall and all associated work to provide a complete and operable system per A-301 and S-101 and associated specifications (with exception to power- which is supplied by the Category 22 Contractor).</td>
<td>yes</td>
</tr>
<tr>
<td>34</td>
<td>Provide all final power termination to all equipment including Owner Furnished items. Contractor to provide matching plug and cord for all equipment.</td>
<td>yes</td>
</tr>
<tr>
<td>35</td>
<td>Provide and install projector mount per detail 10 on sheet A-501 including T-bar escutcheons.</td>
<td>no</td>
</tr>
<tr>
<td>36</td>
<td>Provide and install all door and room signage and per sheet A-601.</td>
<td>yes</td>
</tr>
<tr>
<td>37</td>
<td>Provide and install tv mounts per detail 10 on sheet S-101.</td>
<td>no</td>
</tr>
<tr>
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</tr>
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<td>-----------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>38</td>
<td>This Category Contractor shall include all saw cutting, demolition, trenching, installation of pipe, bedding, backfill and patch for new underground plumbing.</td>
<td>yes</td>
</tr>
<tr>
<td>39</td>
<td>Provide and install structural members shown on S-101 (APL).</td>
<td>yes</td>
</tr>
<tr>
<td>40</td>
<td>Include all proper shut down activities, draining of existing systems during non school operation hours so as not to disrupt regular schedule activities at the site. Advise the Construction Manager 48 hours ahead of scheduled shut downs.</td>
<td>yes</td>
</tr>
<tr>
<td>41</td>
<td>Provide all caulking/joint sealers shown on the contract documents and spelled out within the specifications for ALL trades. (not including fire caulking)</td>
<td>yes</td>
</tr>
<tr>
<td>42</td>
<td>Each Category Contractor shall be responsible for any penetrations through a fire rated wall- whether shown on the drawings or not.</td>
<td>yes</td>
</tr>
<tr>
<td>43</td>
<td>This Category Contractor shall provide all ADA landings as described in detail 2 on sheet A-101(ME)</td>
<td>yes</td>
</tr>
<tr>
<td>44</td>
<td>Provide and install all mechanical units as shown on the Mechanical Drawings (ME) including all mounting racks, suspensions systems in their entirety and as detailed on 3 on sheet S-101 (ME), detail 3 on sheet S-1-1 (ME), detail 2 on sheet S-101 (ME) and all details shown on sheet M-301.</td>
<td>no</td>
</tr>
<tr>
<td>45</td>
<td>This Category Contractor is responsible for the entire condensate drain system as shown on the Mechanical Drawings</td>
<td>no</td>
</tr>
<tr>
<td>46</td>
<td>This Category Contractor shall weather tight roof after all penetrations have been performed on the roof of Building ME for their respective work.</td>
<td>yes</td>
</tr>
<tr>
<td>47</td>
<td>This Category Contractor shall provide all equipment pads for all trades.</td>
<td>yes</td>
</tr>
<tr>
<td>48</td>
<td>Disconnect electrical from abandoned mechanical equipment so the Category 21 Contractor may perform their demolition activities.</td>
<td>no</td>
</tr>
<tr>
<td>49</td>
<td>Disconnect controls and associated devices from abandoned mechanical equipment.</td>
<td>yes</td>
</tr>
<tr>
<td>50</td>
<td>Remove and weigh the existing refrigerant from DX system. Provide proper documentation and disposal per applicable law.</td>
<td>no</td>
</tr>
<tr>
<td>51</td>
<td>Provide and install work associated with keynotes 1&amp;2 on sheet E-203 (ME).</td>
<td>yes</td>
</tr>
<tr>
<td>52</td>
<td>This Category Contractor to be responsible for all cutting and patching of finishes necessary to perform their respective work underground or in existing walls which is not specifically noted to be removed and replaced on the demolition drawings.</td>
<td>no</td>
</tr>
<tr>
<td>53</td>
<td>Provide and install motorized window shades and all associated mounting hardware for complete and operable system per specification section 122413 and the plans.</td>
<td>no</td>
</tr>
<tr>
<td>54</td>
<td>Demolition of all windows &amp; doors/door frames shall be the responsibility of this Category Contractor. Provide temporary security panels until this category installs new doors, walls, windows or Category 21 installs new louvers.</td>
<td>yes</td>
</tr>
<tr>
<td>55</td>
<td>Provide and install all fixed louvers per the Contract Documents.</td>
<td>no</td>
</tr>
<tr>
<td>56</td>
<td>Provide and install all aluminum infill panels per the Contract Documents</td>
<td>yes</td>
</tr>
<tr>
<td>57</td>
<td>Provide and install all misc. sheet metal, galvanized steel, etc. as shown on details on sheets A-502</td>
<td>yes</td>
</tr>
</tbody>
</table>
## CONTRACTOR CATEGORY NUMBER

<table>
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<tr>
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<th>DESCRIPTION:</th>
<th>4</th>
<th>21</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td>This Category Contractor shall provide ALL backing, blocking for all trades unless specifically noted otherwise within this Work Scope Special Conditions.</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>59</td>
<td>THIS CATEGORY CONTRACTOR SHALL SUBMIT ALL SUBMITTALS AND SHOP DRAWINGS WITHIN FIVE (5) BUSINESS DAYS AFTER RECEIPT OF NOTICE OF INTENT TO AWARD. AFTER RECEIVING APPROVAL, CONTRACTOR WILL IMMEDIATELY ORDER ALL ITEMS THAT HAVE LONG LEAD TIMES TO ENSURE THE MATERIAL IS AVAILABLE BY THE SCHEDULED CONSTRUCTION START. CONTRACT WILL BE ABLE TO BILL FOR STORED MATERIAL AFTER SUBMITTING INVOICES AND PROOF OF DELIVERY.</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>60</td>
<td><strong>This Category Contractor shall provide and install all projector screens with mount and hardware.</strong></td>
<td>no</td>
<td>no</td>
<td>yes</td>
</tr>
<tr>
<td>61</td>
<td>These Category Contractor shall include all allowances detailed in specification section 01210 for their respective category.</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>62</td>
<td>This Category Contractor shall include 1000’ lineal feet of temporary fencing for the duration of the project. All fencing shall include wind screen. <strong>Refer to A-101 for temp fencing.</strong></td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>63</td>
<td>This Category Contractor shall include a final cleaning including waxing of floors, final wipe down of all finishes, including ceilings for both buildings.</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64</td>
<td><strong>All electrical work within walls to be demolished shall be this Category Contractors to remove and dispose of properly.</strong></td>
<td>no</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>All plumbing including oxygen utilities within wall to be demolished shall be this Category Contractors to remove and dispose of properly.</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>66</td>
<td><strong>This Category Contractor shall remove and relocate the existing projector mount within A115</strong></td>
<td>no</td>
<td>no</td>
<td>yes</td>
</tr>
<tr>
<td>67</td>
<td><strong>All reference notes shown on P-200 shall be the responsibility of this Category Contractor.</strong></td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>68</td>
<td><strong>This Category Contractor shall include all power, data including terminations to Points of Connections at tables within ME Building. Please reference Specifications Section 123210 for further coordination information. If wire is to be ran in tables this will be included in this category as well.</strong></td>
<td>no</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>Remove existing trees, shrubs, landscaping as shown on A-101 (ME) in order to install new CMU wall.</td>
<td>yes</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>70</td>
<td>Where ever louvers are shown at the exterior of building (A-201 -ME) Category 4 will demolish window and Category 21 will provide and install new louvers.</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>71</td>
<td><strong>THIS CATEGORY CONTRACTOR SHALL INCLUDE IN THEIR BID ALL LOW VOLTAGE CABLELING FROM DEVICES SHOWN ON DRAWINGS TO NEAREST IDF CABINET.</strong></td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>
SECTION 099123 - INTERIOR PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes surface preparation and the application of paint systems on the following interior substrates:
   1. Gypsum Board
   2. Steel Door Frames
   3. Steel Doors
   4. Galvanized metal ductwork

B. Related Sections include the following:
   1. Division 01 Section “Indoor Air Quality (IAQ) Management”.
   2. Division 08 Sections “Hollow Metal Doors and Frames” for factory priming doors with primers specified in this Section.
   3. Division 09 Section “Gypsum Board”.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples for Initial Selection: For each type of topcoat product indicated.

C. Samples for Verification: For each type of paint system and in each color and gloss of topcoat indicated.

   1. Submit Samples on substrates they will be applied to, 8 in x 10” min.
   2. Label each Sample with paint system, color, gloss level, location and application area.

D. 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.

   2. Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.

E. Environmental Submittals:

1. Provide Project Data:
   a. For paint systems, documentation including printed statement of VOC content.

1.4 QUALITY ASSURANCE

A. Mockups: Apply (2) mockup benchmark paint sample colors – one complete wall and one complete door and frame (both sides), to verify colors selected, demonstrate aesthetic effects and set quality standards for materials and execution.
   1. Coordinate areas to be painted with Architect prior to starting mockups.
   2. Apply benchmark samples after permanent lighting and other environmental services have been activated.
   3. Final approval of color selections will be based on benchmark samples.
      a. If preliminary color selections are not approved, apply additional benchmark samples of additional colors selected by Architect at no added cost to Owner.
      b. Accepted samples may remain as part of the Work.

1.5 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.
   1. Maintain containers in clean condition, free of foreign materials and residue.
   2. Remove rags and waste from storage areas daily.

1.6 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 when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

1.7 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 an additional 5 percent, but not less than 1 gal. of each material and color applied.
PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Dunn Edwards Corporation (basis of design)
2. Frazee Paint
3. PPG Coatings

2.2 PAINT, GENERAL

A. Material Compatibility:

1. 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.
2. 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.

B. Colors: As indicated on Drawings.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.

B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:

1. Concrete: 12 percent.
2. Gypsum Board: 12 percent.

C. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.

D. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.

1. 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 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.

   1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
   2. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.

C. Prepare existing gypsum board surfaces that have had wallcovering removed by patching, sanding to remove adhesive, and prepping as necessary to achieve a Level 4 finish per ASTM C840 Drywall Finish Standards.

D. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.

   1. Remove incompatible primers and re-prime substrate with compatible primers as required to produce paint systems indicated.

E. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.

F. Steel Substrates: Remove rust and loose mill scale. Clean using methods recommended in writing by paint manufacturer.

G. 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.

H. Patched Gypsum Board Substrates: Do not begin paint application until finishing compound is dry and sanded smooth.

3.3 APPLICATION

A. Apply paints according to manufacturer's written instructions.

   1. Use applicators and techniques suited for paint and substrate indicated.
   2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
   3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
B. 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.

C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.

D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

E. Painting Mechanical and Electrical Work: Paint items exposed in occupied spaces including, but not limited to, the following:

1. Mechanical Work:
   a. Un-insulated metal piping.
   b. Un-insulated plastic piping.
   c. Pipe hangers and supports.
   d. Metal ducts, without liner.
   e. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
   f. Mechanical equipment that is indicated to have a factory-primed finish for field painting.

2. Electrical Work:
   a. All exposed electric conduit.
   b. Electrical equipment that is indicated to have a factory-primed finish for field painting.

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:

1. 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.
2. Testing agency will perform tests for compliance with product requirements.
3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove non-complying-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.

SECTION CONTINUED ON NEXT PAGE
3.6 INTERIOR PAINTING SCHEDULE

E. Wood – Stain with Clear Satin Finish – Finish Type P22I:
   1. 100% Acrylic System, Semi-Gloss Finish (Gloss Level 40-50% on a 60° meter)
      1<sup>st</sup> coat: Old Masters Oil Based Wiping Stain (250 g/L VOCs).
      2<sup>nd</sup> coat: Old Masters Water-Based Polyurethane - 755 Satin Finish (275 g/L VOCs).
      3<sup>rd</sup> coat: Old Masters Water-Based Polyurethane - 755 Satin Finish (275 g/L VOCs).

F. Type X Gypsum Board – Paint Type P25B:
   1. 100% Acrylic System, Semi-Gloss Finish (Gloss Level 40-50% on a 60° meter)
      1<sup>st</sup> coat: Dunn Edwards, ULTRA-GRIP Premium, Multi-Surface, Water-Based Primer, (50 g/L VOCs).
      2<sup>nd</sup> coat: Dunn Edwards, EVEREST, EVER50, 100% Acrylic, (2 g/L VOCs).
      3<sup>rd</sup> coat: Dunn Edwards, EVEREST, EVER50, 100% Acrylic, (2 g/L VOCs).

G. Type X Gypsum Board – Paint Type P25C:
   1. 100% Acrylic System, Eggshell Finish (Gloss Level 10-15% on a 60° meter)
      1<sup>st</sup> coat: Dunn Edwards, ULTRA-GRIP Premium, Multi-Surface, Water-Based Primer, (50 g/L VOCs).
      2<sup>nd</sup> coat: Dunn Edwards, EVEREST, EVER30, 100% Acrylic, (2 g/L VOCs).
      3<sup>rd</sup> coat: Dunn Edwards, EVEREST, EVER30, 100% Acrylic, (2 g/L VOCs).

H. Cement Plaster or Concrete – Paint Type P26C:
   1. Acrylic Eggshell Finish (Gloss Level 10-15% on a 60° meter)
      1<sup>st</sup> coat: Dunn Edwards, SUPER-LOC Premium, SLPROO-2-WH, Masonry/Bonding Primer, (50 g/L VOCs).
      2<sup>nd</sup> coat: Dunn Edwards, SPARTAZERO, SZR030, (2 g/L VOCs).
      3<sup>rd</sup> coat: Dunn Edwards, SPARTAZERO, SZR030, (2 g/L VOCs).

I. Metal Doors and Metal Frames – Paint Type P28B:
   1. Acrylic Urethane System, Semi-Gloss Finish (Gloss Level 40-50% on a 60° meter)
      1<sup>st</sup> coat: Dunn Edwards, BLOC-RUST Premium, BRPROO-2-WH, Rust Inhibitive Water-Based Primer, 50 g/L VOCs).
      2<sup>nd</sup> coat: Dunn Edwards, ULTRASHIELD, ULDM50, (0 g/L VOCs).
      3<sup>rd</sup> coat: Dunn Edwards, ULTRASHIELD, ULDM50, (0 g/L VOCs).

J. Exposed Metal Mechanical & Electrical Equipment – Paint Type P29D:
   1. Fast-Drying, Non-bridging Waterborne Dry Fall Flat Finish
      1<sup>st</sup> coat: Dunn Edwards, AQUAFALL, AQUA10, (35 g/L VOCs).
      2<sup>nd</sup> coat: Dunn Edwards, AQUAFALL, AQUA10, (35 g/L VOCs).
THIS SECTION CONTINUED ON FOLLOWING PAGE
Date: __________ Project Name: Antelope Valley College – Applied Arts Building Renovation

WARRANTY FOR ____________________, in Agreement between ________________________________ (Specification Section) Antelope Valley Com. College District__________________________________________________________________________ (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 ________________ 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 099123
SECTION 115200 – AUDIO-VISUAL EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes the following items:
   1. Manually operated, front projection screens.
   2. Mounts for LCD projectors.
   3. Mounts for flat panel TV’s.
B. Related Sections:
   1. Division 09 Section “Non-Structural Framing” for metal stud blocking.
   2. Division 09 Section “Acoustical Tile Ceilings”.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, bracket information, dimensions of individual components and profiles, and finishes.
B. Shop Drawings: Show layouts and types of front-projection screens. Include the following:
   1. Drop lengths.
   2. Anchorage details, including connection to supporting structure.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: To include in maintenance manuals.
B. Warranties: Sample of manufacturer’s warranties.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Environmental Limitations: Do not deliver or install front-projection screens until spaces are enclosed and weather-tight, wet work in spaces is complete and dry, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.
B. Deliver all materials free from damage in original packages bearing manufacturer’s label.

C. Store all materials in such a manner as to protect them from corrosion, vandalism or damage in any form.

1.6 COORDINATION

A. Coordinate layout and installation of front-projection screens with adjacent construction, including ceiling suspension systems, light fixtures, HVAC equipment, and fire-suppression system.

PART 2 - MATERIALS

2.1 MANUALLY-OPERATED, FRONT-PROJECTION SCREENS

A. Basis of Design: Provide Da-Lite Screen Company; Deluxe Model B with CSR, video spectra 1.5 wall-mounted screens.

B. General: Manufacturer's standard units consisting of case, screen, mounting accessories, and other components necessary for a complete installation.

   1. Screen Mounting: Top edge securely anchored to rigid metal roller and bottom edge formed into a pocket holding a 3/8-inch (9.5-mm-) diameter metal rod with ends of rod protected by plastic caps.

      a. Roller for motor in roller is supported by vibration- and noise-absorbing supports.

   2. Tab Tensioning: Provide units that have a durable low-stretch cord, such as braided polyester, on each side of screen that is connected to edge of screen by tabs to pull screen flat horizontally.

C. Surface-Mounted, Metal-Encased, Manually Operated Screens with Tab Tensioning: designed and fabricated for surface mounting on wall or ceiling, fabricated from formed-steel sheet not less than 0.027 inch (0.7 mm) thick or from aluminum extrusions; with flat back design and baked-enamel finish. Provide with matching end caps and concealed mounting.

D. Screen Material: Seamless flame retardant and mildew-resistant vinyl sheet with black masking borders and extra drop as required.

E. Size of Viewing Surface: 16:9 HDTV Format.

   1. At Classroom and Lab: 52 by 92 inches (106 inches nominal diagonal).

2.2 PROJECTOR MOUNT

1. Drop Ceiling Plate: Model #DCP-ADJ 824 Adjustable Projector Mount Bracket Plate.
   a. 16 gauge steel
   b. Size: 8 by 24 inches.
   c. Install above suspended acoustical tile with security cable and hanger wire support as shown on Drawings.
   d. Maximum Load: 60 lbs.

2. Ceiling Projector Mount: Model #LCD LOC II Universal Mount
   a. Two interlocking steel trays to provide security and stability for LCD/DLP projectors.
   b. Adjustment: ±15% tilt, pitch, roll and 360° swivel.
   c. Maximum Load: 150 lbs.
   d. Color: Grey (standard).

3. Locking Mechanism: Provide high-security, pick resistant, five wafer, cylindrical screw type key lock at Drop Ceiling Plate and Project Mount.
   a. Key alike.

2.3 FLAT PANEL MONITOR MOUNT

   A. Basis of Design: Provide products by Premier Mounts, 3130 East Miraloma Ave., Anaheim, CA 92806, (800) 368-9700, or approved equal.

   1. Universal Low Profile Tilt Mounts:
      a. Model P4263T for 42 inch to 63 inch LCD monitors.
      b. Model P5080T for 50 inch to 80 inch LCD monitors.

   2. Swing-Out Arm for Large Displays
      a. Model PREM-AM175 for 42 inches and larger. Confirm model of LCD monitor with Owner prior to ordering.

PART 3 - EXECUTION

3.1 PREPARATION

   A. Coordinate and provide blocking in walls for proper and secure attachment of wall mounts.

3.2 INSTALLATION OF AUDIO-VISUAL EQUIPMENT, GENERAL

   A. Install in accordance with manufacturer’s recommendations.

   B. Mounts are to be level and plumb.
C. Touch up scratches on mounts or marks on ceiling and wall.

D. Deliver mounting bolts or other loose accessories to the District in a clearly labeled carton for District’s use in installing projector.

3.3 FRONT PROJECTION SCREEN INSTALLATION

A. Install front-projection screens at locations indicated to comply with screen manufacturer's written instructions.

B. Install front-projection screens with screen cases in position and in relation to adjoining construction indicated. Securely anchor to supporting substrate in a manner that produces a smoothly operating screen with vertical edges plumb and viewing surface flat when screen is lowered.

3.4 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

THIS SECTION CONTINUED ON FOLLOWING PAGE
Date: ______________ Project Name: Antelope Valley College – Applied Arts Building Renovation

WARRANTY FOR ___________________________________ in Agreement between Antelope Valley Comm. 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 ____________ 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 115200
### ROOM FINISH SCHEDULE

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### MATERIALS LEGEND

- **116**: vinyl textiles, floor contact, stretch and stretch vinyl. Style: anti-slip, color: T.B.D.
- **115**: felt and fabric wallcovering. Style: anti-slip, color: T.B.D.
- **CL4**: ceiling tiles, color: T.B.D.

### MISC COLOR LEGEND

- **P4**: paint color: T.B.D.
- **P2**: paint color: T.B.D.
- **P1**: paint color: T.B.D.
- **C3**: color: T.B.D.
- **W1**: color: T.B.D.
- **FN1**: finish: T.B.D.
- **FN4**: finish: T.B.D.

### GENERAL NOTES

- All exterior door frames to be painted, finish: FN5, color: U.N.O.
- All interior doors to be painted, finish: FN5, color: U.N.O.
- All interior door frames to be painted, finish: FN5, color: U.N.O.
- All walls to be painted according to true north as shown on plan.
- Dunn Edwards, paint color: T.B.D. (exterior doors).
- Dunn Edwards, paint color: T.B.D. (interior doors).
- Dunn Edwards, paint color: T.B.D. (interior door frames).

### STORAGE

- Undergrad research testing & const.
- Science Olympiad storage

---

**30 W. ARRELLAGA STREET  SANTA BARBARA  CA 93101**

**TELEPHONE (805) 963-1726**

**Arrangements or plans shall be used by or disclosed to any person, firm or connection with, the specified projects. None of such ideas, designs, and was created, evolved and developed for use on, and in connection with, the specified projects.**

**STEVE DOWTY, AIA**

**PROJECT MANAGER**

**SHANNON BLOMST**

**CONSULTANT INFORMATION**

**ENGINEER'S STAMP & SIGNATURE**

**ARCHITECT'S STAMP & SIGNATURE**

**CONSULTANT INFORMATION**

**DIVISION OF THE STATE ARCHITECT**

**CONSULTANT INFORMATION**

**APPLIED ARTS BUILDING RENOVATION**
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**Applied Arts Building Renovation**

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**Architect's Stamp & Signature**

**Engineer's Stamp & Signature**

**Principle-in-Charge**

**Project Manager**

**Kruger Bensen Ziemer Architects, Inc.**

**AIA**

30 W. Arrellaga Street   Santa Barbara   CA 93101

**Telephone (805) 963-1726**

FAX (805) 963-2951

**Steve Dowty, AIA**

**Shannon Blohm**

**Date**

**Identification Stamp**

**Division of the State Architect**

**File Number:**

**OPSC/DSA Tracking Number:**

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