BID DOCUMENTS COVER SHEET

CONTRACT DOCUMENTS

FOR

L-619
Little Theater ADA Improvements
AT
LOS MEDANOS COLLEGE
2700 East Leland Road,
Pittsburg, California 94565

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

DSA File #7-C1
DSA Application # 01-117060

ADDENDUM #1

Architect:
IBI GROUP
160 W. Santa Clara St., Suite 800
San Jose, CA 95113

February 15, 2018
NOTICE TO ALL PRE-QUALIFIED CONTRACTORS ONLY

You are hereby notified of the following changes, clarifications and/or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and/or previous Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same, and shall take precedence over anything to the contrary therein. All other conditions remain unchanged.

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents dated [date]. Acknowledge receipt of this Addendum in space provided on the Bid Proposal Form. Failure to acknowledge may subject Bidder to disqualification.

A. Revisions to Contract Documents


B. Revisions to Specifications – Refer to attached IBI Group Addendum No. 1

1. REVISE: Table of Contents
   Section 12 52 19 Re-Upholstered Seating to read: “12 61 05 Refurbishing of Existing Audience Seating”

2. REPLACE: Section 12 52 19 Re-Upholstered Seating
   Section 12 52 19 Re-Upholstered Seating is deleted in its entirety and is being replaced with the attached Section 12 61 05 Refurbishing of Existing Audience Seating.

C. Revisions to Drawing Sheets – Refer to attached IBI Group Addendum No. 1
   All drawing modifications are indicated on the drawings with a cloud graphic and a Delta 1.
ADDENDUM #1

1. A6010 Interior Elevations
   i  REMOVE: Portion of new gypsum wall from 7'-0” wide to 3’10” wide over case opening (3'-6” wide). SEE ATTACHED DRAWING AD1-A.1.
   ii  ADD: Details, 4 and 5, SEE ATACHED DRAWING AD1-A.1.

2. A8500 Details – 12, 13, 14, 15, 18, & 19 Interior Partition Wall Types
   i  REFER to Structural sheets S9.1 and S9.2 Typical Light Gauge Details for proper metal stud size per each wall type.

D. Pre-Bid Meeting Sign in Sheet.

E. Pre-Bid Meeting Minutes.

If you have any questions regarding this Addendum, please contact:

Jovan Espirit
Contra Costa Community College District
500 Court St., Martinez, CA 94553
Email: jesprit@4cd.edu
Facsimile: 925-229-6959

All other terms and conditions of BID are to remain the same.

Architect of Record:
IBI GROUP
160 W. Santa Clara St., Suite 800
San Jose CA  95113

END OF ADDENDUM #1
Limited Pre-Renovation Hazardous Materials Survey Report

Los Medanos College
L-619 Little Theater Accessibility Upgrades
2700 E. Leland Road
Pittsburg, California

January 31, 2018

Terracon Project No. R1187055

Prepared for:
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Prepared by:
Terracon Consultants, Inc.
Emeryville, CA

Steffen Steiner, Office Manager (CAC #92-0850, DPH Lead I/A #477)
Denise Wallen, Engineering Assistant (CSST #15-5444)
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Appendix C Sample Location Drawings
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EXECUTIVE SUMMARY

The following is a report of the limited pre-renovation building survey conducted by Matt Chin, Certified Asbestos Consultant (CAC) and Department of Public Health (DPH) Lead Inspector/Assessor, with Terracon Consultants, Inc. (Terracon). The survey was performed on January 19, 2018 at Los Medanos College located at 2700 E. Leland Road in Pittsburg, California, for the L-619 Little Theater Accessibility Upgrades project.

The scope of the survey included the interior of the Little Theater. The survey was limited to accessible areas and materials that are within the path of construction of pending renovation activities. A total of eight (8) homogeneous suspect asbestos-containing materials (ACMs) were identified and sampled during the survey. It should be noted that the building was occupied and in use at the time of the survey. Of the materials sampled, two (2) were reported to contain asbestos in concentrations exceeding the laboratory limit of detection. Table I in Section 3.0 of this report provides a summary of the materials confirmed to contain asbestos. Table II in Section 3.0 lists the suspect ACMs sampled but found to be non-detect for asbestos.

Six (6) paint samples were collected from surfaces suspected to be lead containing. One (1) of the samples was found to contain lead above the laboratory detection limit. A summary table of the lead sampling results is provided in Section 4.0.

The building was also visually inspected for the presence of PCB-containing fluorescent light ballasts, mercury containing fluorescent light tubes and thermostats. A summary table of these hazardous materials is provided in Section 6.0.
1.0 SCOPE OF WORK

The scope of the pre-renovation survey was as follows:

- Conduct a limited pre-renovation survey of the interior of the building to identify the presence of asbestos, lead-containing paint/materials, PCB-containing equipment, and mercury containing equipment/devices.
- Collect a representative number of samples of suspect ACMs following an Asbestos Hazard Emergency Response Act (AHERA) protocol for sample collection for a demolition survey. Asbestos bulk samples were analyzed using polarized light microscopy (PLM) in accordance with EPA’s July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.
- Collect bulk samples of coatings suspected to be lead-containing. Paint samples were analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).
- Visually inspect representative fluorescent light fixtures for the presence of PCBs and mercury containing light tubes.
- Submit written report including analytical results, sampling strategies and regulatory requirements.

1.1 Reliance

This report is for the exclusive use of Contra Costa Community College District (CCCCD) for the project being discussed. Reliance by any other party on this report is prohibited without written authorization of Terracon and CCCC. Reliance on this report by CCCC and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report and Terracon’s Agreement for Services.
2.0 METHODS AND SAMPLING STRATEGIES – ASBESTOS & LEAD

2.1 Asbestos-Containing Materials (ACMs)

Accessible building materials were visually inspected using the methods presented in the federal AHERA regulations (40 CFR, Part 763) as a guideline. AHERA was originally only applicable to schools, however State and Federal Occupational Safety and Health Administration (OSHA) have adopted the AHERA sampling methodology for all buildings subject to demolition or renovation.

Bulk samples of suspect ACMs were collected from numerous homogeneous materials, as feasible, based on occupancy of the buildings. A homogeneous material is defined as a surfacing material, thermal system insulation, or miscellaneous material that is similar in size, color, texture and age of construction. Examples of homogeneous materials include:

- Pipe insulation produced by the same manufacturer and installed during the same time period
- Resilient flooring of identical color and pattern
- Troweled on surfacing materials with similar textures

The interior of the theater was visually inspected for the presence of suspect materials. As materials were identified, bulk samples were obtained with the aid of a coring device or other hand tool and placed into individual sample containers. Each sample was given a discreet identification number and recorded on field notes as well as chain of custody forms. Refer to Tables I and II below and Appendix A for details on material sample locations and analytical results.

Asbestos bulk samples were transported under chain of custody procedures to EMLab P&K (EMLab) in Phoenix, Arizona. EMLab is accredited by the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP). All bulk samples were analyzed using polarized light microscopy (PLM) techniques in accordance with methodology approved by the U.S. Environmental Protection Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. Cal-OSHA defines asbestos containing construction materials (ACCM) as those materials having an asbestos content of greater than one tenth of one percent (> 0.1%).

When None Detected (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM method.

Note: under EPA assessment criteria, if a single sample of a homogeneous material tests positive for asbestos, then the entire homogeneous material is considered to be asbestos-containing.
2.2 Lead-Containing Paint and Bulk Materials

Inspection activities began with visual observations of painted surfaces to identify unique combinations of paint on building materials. A unique combination of paint consists of paint that is applied to a building material and has similar color, substrate and component. Assessment was conducted throughout the visually accessible areas of the building. Suspect lead containing caulking, sealants, window putty and ceramic tile were not identified.

Paint chip samples were collected using hand tools and were placed into individual sampling containers. Each sample was provided a discreet sample number and was recorded on a chain-of-custody form. Refer to Table III below and Appendix B for details on sample locations and analytical results.

The samples were transported under chain of custody procedures to QuanTEM Laboratories, in Oklahoma City, Oklahoma. QuanTEM is accredited by the American Industrial Hygiene Association’s (AIHA’s) Environmental Lead Laboratory Accreditation Program (ELLAP) for the analysis of lead in paint chips, dust wipes, and/or soil. All paint and bulk material samples were analyzed for lead content using the Flame Atomic Absorption spectroscopy (FLAA) in accordance to EPA Method P EPA 7000B. When “<” appears in the lead sample report, it should be interpreted as meaning below analytical detection limit and no lead was detected in the sample.

2.3 Visual Assessment – Other Hazardous Building Materials

The theater was visually surveyed for the presence of mercury containing products such as fluorescent light tubes, switches, high intensity discharge (HID) bulbs, and thermometers. Lighting fixtures were screened for the potential presence of PCB containing ballasts. All materials were visually assessed and no testing was performed.

3.0 ASBESTOS RESULTS

During the survey, a total of eight (8) homogeneous, suspect ACMs were identified with the interior of the theater. Two (2) of the sampled materials were identified as containing asbestos through sampling and laboratory analysis. Summary tables of materials confirmed to contain asbestos and non-ACMs are provided below:
### TABLE I
ASBESTOS-CONTAINING MATERIALS

<table>
<thead>
<tr>
<th>HM # – Material Description</th>
<th>Sample Locations</th>
<th>NESHAP Category</th>
<th>Asbestos Type</th>
<th>Approx. Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM 1 – Wallboard and Taping Mud</td>
<td>Theater Side Upper Walkway SE Corner, Hallway at Doors, Hallway SW Area of Wall</td>
<td>N/A</td>
<td>Off-white Joint Compound: &lt;1.0% CH  White Drywall: ND  400-pt Composite Point Count: &lt;0.25% CH</td>
<td>800 sf</td>
</tr>
<tr>
<td>HM 6 – Fiberboard with Texture</td>
<td>Hallway West Wall</td>
<td>N/A</td>
<td>White Texture: ND  Off-white Joint Compound: &lt;1.0% CH  Brown Fiberboard: ND  400-pt Joint Compound Point Count: 0.25%</td>
<td>Included Above</td>
</tr>
</tbody>
</table>

NA = Not Applicable, CH = Chrysotile, lf = linear feet, sf = square feet, RACM = Regulated asbestos containing material (friable), Cat. I = Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal), Cat. II = Category II Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal)

Six (6) suspect materials were sampled but did not contain asbestos. The non-asbestos containing materials are listed in Table II below:

### TABLE II
NON-ASBESTOS CONTAINING MATERIALS

<table>
<thead>
<tr>
<th>HM 2 – Wall Texture</th>
<th>HM 3 – Off-white and Brown Cove Base Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM 4 – Carpet Adhesive</td>
<td>HM 5 – Concrete Stairs</td>
</tr>
<tr>
<td>HM 7 – Yellow Carpet Adhesive</td>
<td>HM 8 – Yellow Mastic under Wood Floor</td>
</tr>
</tbody>
</table>

Laboratory reports and chain of custody documentation for the asbestos samples are provided in Appendix A.

It should be reemphasized that although reasonable efforts were made to survey accessible suspect materials, additional suspect but un-sampled materials could be located under existing building materials, inside walls, above ceilings, in isolated areas or in other concealed areas. Per current regulatory framework, if suspect materials are encountered during abatement and/or demolition activities that do not appear to have been characterized as ACM or non-ACM, these materials should be assumed to contain asbestos and treated accordingly until proven otherwise by appropriate sampling and laboratory analysis methodologies.
4.0 LEAD RESULTS

Six (6) paint samples were collected from the theater. Of the materials collected, one (1) was found to contain lead above the laboratory detection limit. A summary of the lead sampling results is provided in Table III below.

TABLE III
LEAD SAMPLE RESULTS

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Material Description / Sample Location</th>
<th>Results mg/kg (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pb-01</td>
<td>Black Paint on Wood Floor – Theater</td>
<td>&lt;49.4</td>
</tr>
<tr>
<td>Pb-02</td>
<td>Black Paint on Metal Rail – Theater Seats East</td>
<td>&lt;50.0</td>
</tr>
<tr>
<td>Pb-03</td>
<td>Black Paint on Drywall Wall – Theater Upper Walkway</td>
<td>&lt;49.8</td>
</tr>
<tr>
<td>Pb-04</td>
<td>Black Paint on Concrete Wall – Theater Northwest Entry</td>
<td>&lt;53.8</td>
</tr>
<tr>
<td>Pb-05</td>
<td>Red Paint on Metal Rail – Stairs</td>
<td>1,310</td>
</tr>
<tr>
<td>Pb-06</td>
<td>Red Paint on Drywall Wall – Hallway West Wall</td>
<td>&lt;48.9</td>
</tr>
</tbody>
</table>

Laboratory reports and chain of custody documentation for the lead samples are provided in Appendix B.

5.0 OTHER HAZARDOUS MATERIALS

Terracon also visually assessed the building for the presence of mercury containing products such as fluorescent light tubes, HID bulbs, mercury switches and thermostats. Mercury-containing tubes, bulbs, and thermostats should be removed from the fixtures or equipment without breakage and packaged for mercury reclamation as a universal waste through an appropriate vendor prior to removal of any fixtures.
Select lighting ballasts were inspected for labeling indicating the absence of PCBs. Ballasts observed were labeled as non-PCB ballast. All ballasts should be inspected prior to disposal to verify the presence/absence of PCBs. Ballasts should be assumed to be PCB-containing unless specified by the manufacturer’s label as containing “No PCBs”.

A summary of the visually confirmed materials is provided in Table IV below.

### TABLE IV

<table>
<thead>
<tr>
<th>VISUALLY CONFIRMED HAZARDOUS BUILDING MATERIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>Mercury Containing Materials</td>
</tr>
<tr>
<td>Fluorescent Light Tubes</td>
</tr>
<tr>
<td>Ballasts with Suspect PCB Capacitors</td>
</tr>
<tr>
<td>Fluorescent Light Fixtures</td>
</tr>
</tbody>
</table>

### 6.0 REGULATORY REQUIREMENTS

#### 6.1 Asbestos

Asbestos-containing building materials at the subject building contain asbestos in concentrations of greater than one percent (1.0%). Impacting materials containing greater than 1.0% asbestos either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal). Cal-OSHA regulates asbestos at concentrations greater than one tenth of one percent (0.1%).

Listed below are the regulations that apply if the materials are removed or managed in-place:

- Any individual who contracts to provide health and safety services relating to asbestos-containing materials must be certified by Cal-OSHA as either a Certified Asbestos Consultant or a Site Surveillance Technician. The activities they are certified to provide include: conducting asbestos surveys; writing work plans or specifications for abatement; monitoring the work of abatement contractors; collecting air samples; and determining if the work area is safe for re-occupancy by non-asbestos workers. Regulation: Cal-OSHA 8 CCR 1529 (q)(1).
n Notify employees, tenants and contractors who perform work in the building of the presence, locations and quantities of asbestos in accordance with California Health and Safety Code Section 25915 and Proposition 65, California (8 CCR 1529 (k)) and Federal OSHA (1926.1101) regulations.

n If more than 100 square feet of materials that contain greater than 0.1% asbestos will be removed, the materials must be removed by a registered asbestos abatement contractor. Regulation: Cal-OSHA 8 CCR 1529 (R).

n ACMs that are classified by Cal-OSHA as other/miscellaneous materials are present. Removal of these materials is considered a Class II activity according to Cal-OSHA regulations. Work practices and engineering controls for Class II work are specified in Cal-OSHA 8 CCR 1529 (g) (7-8).

n If more than 100 square feet or 100 linear feet of friable ACM will likely be removed, the abatement contractor must notify the Bay Area Air Quality Management District ten (10) working days prior to removing the material. Regulation: National Emission Standards for Hazardous Air Pollutants {NESHAPS – 40 CFR Part 61}.

n Friable ACMs greater than 1% asbestos must be manifested, transported, and disposed of as hazardous waste in accordance with the Department of Toxic and Substances Control (DTSC), a division of Cal-EPA. DTSC regulates disposal of asbestos waste. DTSC issues U.S. EPA hazardous waste generator identification numbers.

### 6.2 Lead

Impacting lead materials or lead-containing paint either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection), EPA (environmental exposure, transportation and disposal), and Department of Public Health (DPH).

Personnel performing demolition activities that may disturb painted components or materials with concentrations of lead above the designated analytical detection limit should comply with all current DOSH regulations in order to minimize employee exposure. DOSH defines lead containing paint as a paint, which contains lead, regardless of the concentration. Currently, any proposed renovation/demolition is subject to the DOSH regulations (Title 8 CCR 1532.1 – Lead Exposure in Construction). The DOSH regulation defines specific training requirements, engineering controls and working practices for construction personnel subject to this standard. Occupational exposure to lead occurring in the course of construction work, including maintenance activities, painting, alteration and repairs is subject to the DOSH Lead Exposure in Construction standard.

Listed below are the lead paint regulations that apply if the paint is disturbed:
Construction work covered by Title 8 CCR 1532.1 includes any repair or renovation activities or other activities that disturb in-place lead-containing materials, but does not include routine cleaning and repainting where there is insignificant damage, wear, or corrosion of existing lead-containing coatings or substrates. Employers must assure that no employee will be exposed to lead at concentrations greater than 50 micrograms per cubic meter ($\mu g/m^3$) averaged over an eight-hour period without adequate protection. The DOSH Standard also establishes an action level of 30 $\mu g/m^3$ which if exceeded triggers the requirement for medical monitoring.

Disposal of all lead-containing materials is regulated at concentrations at or exceeding 1,000 ppm as stated in 40 Code of Federal Regulations (CFR) Part 263 - Land Disposal Regulations and Title 22, Division 4 Environmental Health of the California Administrative Code. Proper waste stream categorization is required for the disposal of all lead containing materials and painted construction debris with total lead content that exceeds 50 ppm. The debris should be classified as hazardous waste if lead waste concentrations exceed either the total lead concentration or soluble lead concentration regulatory limits. Total lead concentration is determined by Total Threshold Limit Concentration (TTLC). Soluble or leachable lead is determined by the Soluble Threshold Limit Concentration (STLC, California required test) and/or Toxicity Characteristic Leaching Procedure (TCLP) (Federal EPA required test). Regulatory limits characterize a lead waste as a hazardous waste if lead concentrations exceed 1,000 ppm by TTLC or 5 milligram per liter by STLC or TCLP.

Federal OSHA as well as California OSHA regulates all worker exposure during construction activities that impact lead-containing paint. California OSHA enforces the Lead in Construction Standard in Title 8 CCR 1532.1. The scope covers construction work where employees may be exposed to lead during such activities as demolition, removal, surface preparation for re-painting, renovation, clean-up and routine maintenance. The OSHA specified method of compliance includes respiratory protection, protective clothing and equipment, housekeeping, hygiene facilities, medical surveillance, and training, among other requirements.

The above overview is not intended to be inclusive of all potentially pertinent regulatory information. The relevant EPA and OSHA standards should be consulted prior to undertaking activities involving the demolition, renovation, or maintenance of surfaces coated with lead containing paints.

### 6.3 PCBs

PCBs are regulated by the EPA under 40 CFR 761. The production of PCBs have been banned since 1979 and may be present in electrical capacitors, sealants, hydraulic oils, and transformers commonly found in buildings. Materials with greater than 50 ppm PCB content are considered PCB contaminated waste while materials with greater than 500
ppm PCB are considered PCB containing. PCB containing equipment and/or contaminated materials must be removed and disposed properly prior to demolition of a building.

- Fluorescent light ballasts not specifically labeled as “No PCBs” may be present in the building and should be properly inspected prior to disposal. Listed below are regulations that may apply if PCB-containing fluorescent light ballasts are removed and disposed.

- Light ballasts containing PCB oil in the small capacitor or the potting compound are regulated by the U.S. Environmental Protection Agency (EPA) under the Toxic Substance Control Act (TSCA) and Part 761, Title 40 of the Code of Federal Regulations (40 CFR Part 761). PCB wastes are also regulated as hazardous waste by the Department of Toxic Substance Control (DTSC) under the Health and Safety Code (HSC) and Title 22 of the California Code of Regulations.

- All wastes must be packaged in an approved container. All wastes must be shipped by an authorized hazardous waste transporter with a proper Uniform Hazardous Waste Manifest to an authorized disposal facility.

- Federal law requires that any ballast with leaking PCB must be incinerated at a U.S. EPA-approved high temperature incinerator. Non-leaking ballasts may be sent to a U.S. EPA-approved incinerator, landfill, or ballast recycling facility.

6.4 Mercury (Universal Waste)

Mercury containing fluorescent light tubes are present throughout the building. Listed below are regulations that may apply if fluorescent light tubes are removed and disposed.

- Universal waste lamps include, but are not limited to, fluorescent tubes, high intensity discharge (HID) lamps and sodium vapor lamps. Universal wastes are hazardous wastes that are more common and pose a lower risk to people and the environment than other hazardous wastes. Federal and State regulations identify universal wastes and provide rules for proper handling, recycling and disposal. The Universal Waste Rule is CCR Title 22, division 4.5, chapter 23.

- Many universal wastes, including mercury-containing fluorescent light tubes, must be recycled at an authorized recycling facility. If universal wastes are not recycled they must be managed as hazardous waste.

- Employees must be trained in proper universal waste management including handling, packaging, storing and labeling.

- A Uniform Hazardous Waste Manifest is not required for universal waste shipments; however, proper shipping papers such as a bill of lading should be prepared.
7.0 LIMITATIONS

This hazardous materials survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by Contra Costa Community College District for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.
APPENDIX A

LABORATORY RESULTS & CHAIN OF CUSTODY – ASBESTOS
Report for:

Mr. Steffen Steiner  
Terracon Consultants, Inc. - Emeryville  
1466 66th Street  
Emeryville, CA  94608

Regarding: Project: R1187055; CCCCD Los Meadows-Little Theatre  
EML ID: 1864996

Approved by:  
Approved Signatory  
Renee Luna-Trepczynski

Dates of Analysis:  
Asbestos PLM: 01-23-2018

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.
Client: Terracon Consultants, Inc. - Emeryville  
C/O: Mr. Steffen Steiner  
Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 01-23-2018  

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

<table>
<thead>
<tr>
<th>Total Samples Submitted:</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Samples Analyzed:</td>
<td>21</td>
</tr>
<tr>
<td>Total Samples with Layer Asbestos Content &gt; 1%:</td>
<td>0</td>
</tr>
</tbody>
</table>

**Location: 1A, Wallboard and taping mud; Theatre side; upper walkway SE corner**  
Lab ID-Version‡: 8744714-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Wallpaper with Black Surface</td>
<td>ND</td>
</tr>
<tr>
<td>White Compound with Transparent Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Cream Tape</td>
<td>ND</td>
</tr>
<tr>
<td>Off-White Joint Compound</td>
<td>&lt; 1% Chrysotile</td>
</tr>
<tr>
<td>White Drywall with Brown Paper</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Composite Asbestos Fibrous Content:** < 1% Asbestos

**Composite Non-Asbestos Content:** 15% Cellulose
5% Cotton
< 1% Glass Fibers

**Sample Composite Homogeneity:** Poor

**Comments:** Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

**Location: 1B, Wallboard and taping mud; hallway doors; north side of frame**  
Lab ID-Version‡: 8744715-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
</tr>
<tr>
<td>White Drywall with Brown Paper</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Composite Non-Asbestos Content:** 10% Cellulose
< 1% Glass Fibers

**Sample Composite Homogeneity:** Moderate

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The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
Client: Terracon Consultants, Inc. - Emeryville  
C/O: Mr. Steffen Steiner  
Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 01-23-2018

**Location:** 1C, Wallboard and taping mud; hallway SW area of wall  
**Lab ID-Version‡:** 8744716-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Wallpaper with Black Surface</td>
<td>ND</td>
</tr>
<tr>
<td>White Compound with Transparent Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Cream Tape</td>
<td>ND</td>
</tr>
<tr>
<td>Off-White Joint Compound</td>
<td>&lt; 1% Chrysotile</td>
</tr>
<tr>
<td>White Drywall with Brown Paper</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Composite Asbestos Fibrous Content:** < 1% Asbestos  
**Composite Non-Asbestos Content:**  
15% Cellulose  
5% Cotton  
< 1% Glass Fibers

**Sample Composite Homogeneity:** Poor

**Comments:** Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

**Location:** 2A, Wall texture; hallway; west wall; north  
**Lab ID-Version‡:** 8744717-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Sample Composite Homogeneity:** Moderate

**Location:** 2B, Wall texture; hallway; west wall; center  
**Lab ID-Version‡:** 8744718-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Sample Composite Homogeneity:** Moderate

---

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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Aerotech Laboratories, Inc  
EMLab ID: 1864996, Page 3 of 8
Client: Terracon Consultants, Inc. - Emeryville  
C/O: Mr. Steffen Steiner  
Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 01-23-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 2C, Wall texture; hallway; west wall; south**  
Lab ID-Version‡: 8744719-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**Location: 3A, Covebase adhesive; off white and brown; Theatre; upper walkway**  
Lab ID-Version‡: 8744720-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Composite Non-Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Baseboard</td>
<td>ND</td>
<td>&lt; 1% Talc</td>
<td>Poor</td>
</tr>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark Brown Mastic</td>
<td>ND</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Location: 3B, Covebase adhesive; off white and brown; Theatre; stairs**  
Lab ID-Version‡: 8744721-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Composite Non-Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tan Mastic</td>
<td>ND</td>
<td>3% Talc</td>
<td>Moderate</td>
</tr>
<tr>
<td>Dark Brown Mastic</td>
<td>ND</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Location: 3C, Covebase adhesive; off white and brown; hallway; west wall**  
Lab ID-Version‡: 8744722-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
<td>Good</td>
</tr>
</tbody>
</table>

---

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### Location: 4A, Carpet adhesive; Theatre; east seats; first row

Lab ID-Version‡: 8744723-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Adhesive with Multicolored Debris</td>
<td>ND</td>
</tr>
<tr>
<td>Composite Non-Asbestos Content</td>
<td>10% Cellulose, 10% Synthetic Fibers</td>
</tr>
<tr>
<td>Sample Composite Homogeneity</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

### Location: 4B, Carpet adhesive; Theatre; east seats; third row

Lab ID-Version‡: 8744724-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Adhesive with Multicolored Debris</td>
<td>ND</td>
</tr>
<tr>
<td>Composite Non-Asbestos Content</td>
<td>&lt; 1% Cellulose, &lt; 1% Synthetic Fibers</td>
</tr>
<tr>
<td>Sample Composite Homogeneity</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

### Location: 4C, Carpet adhesive; Theatre; NW seats; first row

Lab ID-Version‡: 8744725-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Adhesive with Multicolored Debris</td>
<td>ND</td>
</tr>
<tr>
<td>Composite Non-Asbestos Content</td>
<td>2% Cellulose, &lt; 1% Synthetic Fibers</td>
</tr>
<tr>
<td>Sample Composite Homogeneity</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

### Location: 5A, Concrete; stairs

Lab ID-Version‡: 8744726-1

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Gray Concrete</td>
<td>ND</td>
</tr>
<tr>
<td>Sample Composite Homogeneity</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

---

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Client: Terracon Consultants, Inc. - Emeryville  
C/O: Mr. Steffen Steiner  
Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 01-23-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

### Location: 5B, Concrete; stairs

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Gray Concrete</td>
<td>ND</td>
</tr>
</tbody>
</table>

Sample Composite Homogeneity: Moderate

### Location: 5C, Concrete; stairs

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Gray Concrete</td>
<td>ND</td>
</tr>
</tbody>
</table>

Sample Composite Homogeneity: Moderate

### Location: 6A, Fiberboard with texture; hallway; west wall

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
</tr>
<tr>
<td>Blue Wallpaper</td>
<td>ND</td>
</tr>
<tr>
<td>White Compound with Semi-Transparent Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Cream Tape</td>
<td>ND</td>
</tr>
<tr>
<td>Off-White Joint Compound</td>
<td>&lt; 1% Chrysotile</td>
</tr>
<tr>
<td>Brown Fiberboard</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Composite Non-Asbestos Content:** 40% Cellulose  
3% Cotton

Sample Composite Homogeneity: Poor

---

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Client: Terracon Consultants, Inc. - Emeryville  Date of Sampling: 01-19-2018  
C/O: Mr. Steffen Steiner  Date of Receipt: 01-22-2018  
Re: R1187055; CCCCD Los Meadows-Little Theatre  Date of Report: 01-23-2018  

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

Location: 6B, Fiberboard with texture; hallway; west wall

<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Texture with Multilayered Paint</td>
<td>ND</td>
</tr>
<tr>
<td>Blue Wallpaper</td>
<td>ND</td>
</tr>
<tr>
<td>White Compound with Semi-Transparent Adhesive</td>
<td>ND</td>
</tr>
<tr>
<td>Cream Tape</td>
<td>ND</td>
</tr>
<tr>
<td>Off-White Joint Compound</td>
<td>&lt; 1% Chrysotile</td>
</tr>
<tr>
<td>Brown Fiberboard</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Composite Non-Asbestos Content:** 40% Cellulose  
3% Cotton  

**Sample Composite Homogeneity:** Poor

---

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Client: Terracon Consultants, Inc. - Emeryville  
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Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 01-23-2018  

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 7A, Yellow carpet/adhesive; stairs**  
<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
<td>Good</td>
</tr>
</tbody>
</table>

**Location: 7B, Yellow carpet/adhesive; entry sound booth**  
<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Adhesive</td>
<td>ND</td>
<td>Good</td>
</tr>
</tbody>
</table>

**Location: 8A, Yellow mastic under wood floor; Theatre east stairs**  
<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Mastic</td>
<td>ND</td>
<td>Poor</td>
</tr>
<tr>
<td>Black Non-Fibrous Material</td>
<td>ND</td>
<td></td>
</tr>
<tr>
<td>Off-White Mastic</td>
<td>ND</td>
<td></td>
</tr>
</tbody>
</table>

**Location: 8B, Yellow mastic under wood floor; Theatre east stairs**  
<table>
<thead>
<tr>
<th>Sample Layers</th>
<th>Asbestos Content</th>
<th>Sample Composite Homogeneity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Mastic</td>
<td>ND</td>
<td>Poor</td>
</tr>
<tr>
<td>Black Non-Fibrous Material</td>
<td>ND</td>
<td></td>
</tr>
<tr>
<td>Off-White Mastic</td>
<td>ND</td>
<td></td>
</tr>
</tbody>
</table>

---

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Aerotech Laboratories, Inc  

EMLab ID: 1864996, Page 8 of 8
<table>
<thead>
<tr>
<th>HM#</th>
<th>Material Description</th>
<th>Sample ID</th>
<th>Sample Location &amp; Material Location</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WALL BOARD &amp; TRIMMED</td>
<td>A1</td>
<td>THEATRE SIDES - UPPER LIVING ROOM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2</td>
<td>HALLWAY DOORS - NORTH SIDE OF HALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3</td>
<td>HALLWAY &amp; AREA OF HALL</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>WALL TEXTURES</td>
<td>A1</td>
<td>HALL A - WEST WALL - CENTER</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>COAT RACE FORMS</td>
<td>A1</td>
<td>THEATRE - UPPER WALL - EAST</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3</td>
<td>HALLWAY - WEST WALL</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>CARPET GROOVE</td>
<td>A1</td>
<td>THEATRE - EAST SEATS - FIRST FLOOR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3</td>
<td>NEW SEATS - FIRST FLOOR</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CONCRETE</td>
<td>A1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Name/Address/Building No.: C CCCE DD LOS MEDUSA - COTICE THEATER
Project #: 7.119.72055
Sampled By:  
Sampling Date: 1/19/18
TAT: Rush 24Hrs □ 48Hrs □ 3-5 Days
### Project Name/Address/Building No.

**Project #1**
Los Padres Little Theatre

**Sample ID**

<table>
<thead>
<tr>
<th>HMI#</th>
<th>Material Description</th>
<th>Sample Location &amp; Material Location</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6A</td>
<td></td>
<td>M16/20 - WEST WALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M16/20 - WEST WALL</td>
<td></td>
</tr>
<tr>
<td>7A</td>
<td></td>
<td>STAIRS</td>
<td></td>
</tr>
<tr>
<td>7B</td>
<td></td>
<td>EMERGENCY EXIT</td>
<td></td>
</tr>
<tr>
<td>8A</td>
<td></td>
<td>STAIRS</td>
<td></td>
</tr>
<tr>
<td>8B</td>
<td></td>
<td>STAIRS</td>
<td></td>
</tr>
</tbody>
</table>

**PLM Analysis (Analyze all samples)**
Stop Analysis at First Positive
Point Count Analysis (400-point)

**TAT**
Rush 24 Hrs <br>3-5 Days

**Sampling Date:** 1/19/19

**Sampled By:** [Signature]

**Received By:** [Signature]

**Date/Time:** 1/19/19
Report for:

Mr. Steffen Steiner  
Terracon Consultants, Inc. - Emeryville  
1466 66th Street  
Emeryville, CA  94608

Regarding:  
Project: R1187055; CCCCD Los Meadows-Little Theatre  
EML ID: 1864996

Approved by:  
Renee Luna-Trepczynski

Report Comments:  
All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

Service SOPs: Asbestos-EPA 400 point count (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1262)

Approved Signatory  
Renee Luna-Trepczynski

Dates of Analysis:  
Asbestos-EPA 400 point count: 02-01-2018

EMLab P&K (“the Company”) shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.
**ASBESTOS POINT COUNT REPORT: EPA METHOD 600/R-93-116**

<table>
<thead>
<tr>
<th>Location:</th>
<th>1A</th>
<th>Wallboard and taping mud; Theatre side; upper walkway SE corner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Points Counted:</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>Lab ID-Version‡:</td>
<td>8772430-1</td>
<td></td>
</tr>
<tr>
<td><strong>Sample Layers</strong></td>
<td><strong>Asbestos Type</strong></td>
<td><strong>Asbestos Points Counted</strong></td>
</tr>
<tr>
<td>White Drywall / Joint Compound Composite</td>
<td>Chrysotile</td>
<td>0</td>
</tr>
<tr>
<td><strong>Layer Totals:</strong></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>1C</th>
<th>Wallboard and taping mud; hallway SW area of wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Points Counted:</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>Lab ID-Version‡:</td>
<td>8772431-1</td>
<td></td>
</tr>
<tr>
<td><strong>Sample Layers</strong></td>
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The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Aerotech Laboratories, Inc

EMLab ID: 1864996, Page 2 of 3
Client: Terracon Consultants, Inc. - Emeryville  
C/O: Mr. Steffen Steiner  
Re: R1187055; CCCCD Los Meadows-Little Theatre  
Date of Sampling: 01-19-2018  
Date of Receipt: 01-22-2018  
Date of Report: 02-01-2018

**ASBESTOS POINT COUNT REPORT: EPA METHOD 600/R-93-116**

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The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
Environmental Chemistry Analysis Report

QuanTEM Set ID: 289885
Date Received: 01/22/18
Received By: Katie Davis

Client: RGA Environmental
1466 66th Street
Emeryville, CA 94608

Acct. No.: C018

Project: CCCCD - Los Medanos Little Theatre
Location: NA
Project No.: R1187055

AIHA ID: 101352

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Authorized Signature: ____________________________
Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified
EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified
Supplemental Report
QAQC Results

QA ID: 15962  Date: 1/23/2018  Lab Number: 289885
Test: Lead  Matrix: Paint  Approved By: Cherry Rossen
Date Approved: 1/23/2018

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Authorized Signature: ____________________________
Cherry Rossen, Technical Manager
### LEAD PAINT SAMPLE DATA SHEET

**Project Name/Address/Building No.:**

**Project #:** P-187055

**Sampled By:** ME

**Sample(s) Sent To:** QuanTem MAL Other:

**Sampling Date:** 1/21/18

**TAT:** Rush 24 Hrs 48 Hrs 3-5 Days

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**Relinquished By:**

**Received By:**

**Signature:**

**Date/Time:** 1/18/18 10:15
APPENDIX C

SAMPLE LOCATION DRAWINGS
Note: Sample location figures are for informational purposes and are approximate in nature. No scale is associated with any of the provided documents.
APPENDIX D

TERRACON INSPECTOR CERTIFICATIONS
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Matthew P. Chin

Certification No. 08-4332
Expiration 02/21/19

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7400 and 7401 of the Business and Professions Code.
State of California Department of Public Health
Lead-Related Construction Certificate
Inspector/Assessor 10/05/2018
Project Monitor 10/06/2018
Matthew P. Chin
ID # 21331
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Steffen Paul Steiner
Name

Certification No. 92-0850

Expires on 01/08/19

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7584 et seq. of the Business and Professions Code.
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
LOS MEDANOS COLLEGE L-619 LITTLE THEATER ACCESSIBILITY UPGRADES

ADDENDUM NO. ONE DATE: February 15, 2018

CLIENT / PROJECT: Contra Costa Community College District
Los Medanos College L-619 Little Theater Accessibility Upgrades

BID OPENING LOCATION: Contra Costa Community College District (Lobby)
500 Court Street
Martinez, CA 94553

ARCHITECT’S PROJECT NO. 111106

ARCHITECT: IBI Group
Architecture Planning
160 W. Santa Clara St., Suite 800
San Jose, CA 95113

BID DATE: February 22, 2018

D.S.A. APPLICATION NO. 01-117060

BID TIME: 2:00 pm

D.S.A. FILE NO. 7-C1

O.P.S.C. APP. NO. NA

NOTICE TO ALL CONTRACTORS SUBMITTING BIDS FOR THIS WORK AND TO ALL PLAN HOLDERS:

You are hereby notified of the following CHANGES, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain UNCHANGED.

A. CHANGES AND/OR CLARIFICATIONS TO THE PROJECT MANUAL, CONTRACT DOCUMENTS AND SPECIFICATIONS:

Item (1) Refer to sheet Table of Contents:

a. REVISE Section 12 52 19 Re-Upholstered Seating to read:
   “12 61 05 Refurbishing of Existing Audience Seating”.

Item (2) Refer to Section 12 52 19 Re-Upholstered Seating:

a. REPLACE Section 12 52 19 Re-Upholstered Seating in its entirety with
   Section 12 61 05 Refurbishing of Existing Audience Seating.

B. CHANGES AND/OR CLARIFICATIONS TO THE DRAWINGS:

Item (3) Refer to sheet A6010 Interior Elevations:

a. REMOVE portion of new gypsum wall from 7'-0" wide to 3'-10" wide over case
   opening (3'-6" wide), SEE ATTACHED DRAWING AD1-A.1.

b. ADD Details, 4 and 5, SEE ATTACHED DRAWING AD1-A.1.

ADENDUM NO. 1 - Page 1
CONTRA COSTA COMMUNITY COLLEGE DISTRICT 111106
LOS MEDANOS COLLEGE L-619 LITTLE THEATER ACCESSIBILITY UPGRADES
Item (4) Refer to sheet A8500 Details 12, 13, 14, 15, 18, & 19 Interior Partition Wall Types:
a. REFER to Structural sheets S9.1 and S9.2- Typical Light Gauge Details for proper metal stud size per each wall type.

CONFORMANCE WITH CONTRACT DOCUMENTS, PROJECT MANUAL, DRAWINGS AND SPECIFICATIONS

All addenda work shall be in strict conformance with the Contract Documents, Project Manual, Drawings and Specifications as they pertain to work of a similar nature.

IBI Group Architecture Planning

BY: PATRICIA LOCK, AIA C-18268

LICENSED ARCHITECT
PATRICIA LOCK
No. C18268
REN. 6/19
STATE OF CALIFORNIA

ADDENDUM NO. 1 - Page 2
CONTRA COSTA COMMUNITY COLLEGE DISTRICT 111106
LOS MEDANOS COLLEGE L-619 LITTLE THEATER ACCESSIBILITY UPGRADES
SECTION 12 61 05
REFURBISHING OF EXISTING AUDIENCE SEATING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes:
   1. Refurbishing of existing fixed audience seating, including the following:
      a. Reupholstering.
      b. Repair of operable components.
   2. Modification of existing fixed audience seating units to conform with requirements of Americans with Disabilities Act.

1.3 REFERENCES

A. ASTM International:


C. California Department of Consumer Affairs Bureau of Home Furnishings and Thermal Insulation:

D. United States Department of Justice:
   1. 2010 ADA Standards for Accessible Design.

1.4 DEFINITIONS

A. Accessible: Meeting requirements of Americans With Disabilities Act for accessibility.
1.5 PREINSTALLATION MEETING

A. Preinstallation Conference: Conduct conference at Project site to review pertinent issues related to removal, refurbishing, and reinstallation of existing fixed audience seating.

1.6 ACTION SUBMITTALS

A. Product Data: For each type of product indicated, including the following:
   1. Upholstery Materials:
      a. Fabric.
      b. Cushion padding.

B. Shop Drawings: Include plans, elevations, sections, attachment details, and other information illustrating the following:
   1. Upholstering methods.
   2. Modifications required for ADA conformance for seat units designated to be accessible.

C. Samples for Initial Selection: For upholstery fabrics, submit manufacturer’s full range of colors/patterns for selection by Architect.
   1. Minimum Number of Colors for Selection: 18.

D. Samples for Verification:
   1. Fabric: For each type and color/pattern of fabric, full width by 24-inch long section of fabric from dye lot to be used for the Work, with specified treatments applied. Show complete pattern repeat. Mark top and face of fabric.
   2. Foam Padding: For each type and thickness of foam padding, 12-inches by 12-inches.

1.7 INFORMATIONAL SUBMITTALS

A. Upholsterer’s Qualification Data: For upholsterer.

B. Product Certificates:
   1. For each fabric treated with flame retardant, signed by fabric supplier and indicating treatment durability and cleaning procedures required to maintain treatment effectiveness.
   2. For cushion pads, signed by manufacturer, and certifying that material complies with specified requirements.

1.8 CLOSEOUT SUBMITTALS

A. Maintenance Data: For products to include in maintenance manuals.
   1. Include methods for maintaining and cleaning upholstery fabric.
1.9 MAINTENANCE MATERIAL SUBMITTALS
A. Furnish extra materials from the same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
   1. Fabrics: For each fabric color and pattern indicated, from the same product run, full-width lengths equal to 5 percent of amount installed, but no fewer than 10 yards of each fabric, color, and pattern.

1.10 QUALITY ASSURANCE
A. Upholsterer Qualifications: A firm experienced in the upholstering of fixed audience seating as indicated for this Project, and with a record of successful in-service performance, and which employs skilled workers qualified to perform such work.
B. Mockup: Build mockup to verify selections made under Sample submittals, and to demonstrate aesthetic effects and set quality standards for materials, fabrication, and installation, and standard of workmanship.
   1. Build mockup of one standard non-accessible reupholstered seat unit, and one reupholstered seat unit modified to be accessible.
   2. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
   3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.11 DELIVERY, STORAGE, AND HANDLING
A. Do not deliver reupholstered refurbished seating units until all finish work, including painting, is complete and spaces are otherwise ready for occupancy.

1.12 WARRANTY
A. Special Warranty: Manufacturer of upholstery fabric agrees to repair or replace fabric that exhibits wear and deterioration beyond normal use.
   1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS
2.1 PERFORMANCE REQUIREMENTS
A. Refurbishing: Repair or replace all components of existing audience seating units as required to restore to proper operating condition, including self-rising seats.
B. Fire-Test-Response Characteristics: Upholstering materials shall comply with the following as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:

C. Accessibility Requirements: For existing fixed audience seating units designated to be made accessible, make modifications to comply with applicable provisions of the following:
   1. California Building Code (Title 24, Part 2), Chapters 11A and 11B.
   2. United States Department of Justice’s 2010 ADA Standards for Accessible Design.

2.2 UPHOLSTERY

A. Upholstery:
   1. Back:
      a. Padding Thickness: Match existing.
      b. Top Corners: Match existing.
      a. Padding Thickness: Match existing.

B. Fabric: Woven polyethylene, solution-dyed, with flame-retardant, stain-resistant and antimicrobial treatments.
      a. Colors: As selected by Architect from manufacturer’s full range.
   2. Width: 54 inches.
   3. Weight: 20 oz. per linear yard.
   4. Abrasion: No wear after 1,000,000 double-rubs.

C. Padding: Open-cell polyurethane foam, meeting the following:
   1. Physical Characteristics: As follows, according to ASTM D 3574:
      a. Seat:
         i) Density: 3.1 lbs per cubic foot.
         ii) Indentation Force Deflection: 33 lbs/50 sq inches at 25 percent deflection on 4-inch thick specimen.
      b. Seat Backs:
         i) Density: 2.4 lbs per cubic foot.
         ii) Indentation Force Deflection: 26 lbs/50 sq inches at 25 percent deflection on 4-inch thick specimen
   2. Pounding-Fatigue Performance: As follows, according to ASTM D 3453:
      a. Seats: Grade AP (heavy-duty use).
      b. Seat Backs: Grade BP (normal duty use).
      a. Manufacturer: Dacron.
2.3 FABRICATION - REFURBISHING

A. Repair or replace damaged components to restore seating units to proper operating condition.

B. Reupholstering: Remove existing padding and fabric coverings, and fabricate new fabric-covered seating surfaces with molded contoured padding and wrapping beneath fabric, and with fabric covering free of welts, creases, stretch lines, sags, and wrinkles. Seams shall be straight, continuous, and tight. For each upholstered component, install pattern run in a consistent direction.

C. ADA Modifications: Modify existing seat units designated to be accessible, as required to conform with ADA requirements, including removal of existing arm rest for accessible aisle seat. Cut metals cleanly and accurately, and remove sharp or rough areas on exposed surfaces. Finish modified surfaces smooth and blended so as to provide a finished appearance. Refinish portions of existing metal to match existing finish and color.

PART 3 - EXECUTION

3.1 PREPARATION

A. Remove existing fixed audience seating units by detaching anchorages in manner which will allow reinstallation in same locations. Protect seating units from damage during handling and delivery to offsite facility at which reupholstering will take place.

3.2 INSTALLATION OF REFURBISHED AUDIENCE SEATING UNITS

A. Install each refurbished audience seating unit in its original location, using anchorage methods and fasteners to match original installation.
   1. Install seating units level and plumb, and firmly anchored.
   2. Chair backs shall be at proper angles and aligned with each other in uniform rows.
   3. Install seating so moving components operate smoothly and quietly.

3.3 ADJUSTING

A. Adjust hardware and moving parts to function smoothly so they operate easily. Lubricate bearings and sliding parts as needed.

B. Adjust self-rising seat mechanisms so seats in each row are aligned when in upright position.

C. Replace damaged and malfunctioning components that cannot be acceptably repaired.

D. Replace upholstery fabric damaged during installation or work of other trades.
3.4 CLEANING AND PROTECTION

A. Provide protection and maintain condition to ensure that reinstalled audience seating is without damage or deterioration at time of Substantial Completion.

B. Clean upholstered fabric surfaces according to fabric manufacturer’s written instructions.

END OF SECTION 12 61 05
## PRE-BID MEETING SIGN-IN SHEET

**PROJECT TITLE:** L-619 Little Theater ADA Improvements  
**DATE / TIME:** January 31, 2018 at 1:00PM  
**LOCATION:** Los Medanos College

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<td>Owner</td>
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**Please provide business card**  
Office Phone: 925-489-0871  
Cell Phone/Fax: 925-215-2159  
Email Address: amara@estimating-email.com

<table>
<thead>
<tr>
<th><strong>BBRO's Constr.</strong></th>
<th><strong>EVENL</strong></th>
<th><strong>PM</strong></th>
</tr>
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</table>

**Please provide business card**  
Office Phone: 510-351-3040  
Cell Phone: 510-351-3048  
Email Address: bids@bbroscon.com

<table>
<thead>
<tr>
<th><strong>WestCal Design and Build, Inc.</strong></th>
<th><strong>Shalimar Reyes</strong></th>
<th></th>
</tr>
</thead>
</table>

**Please provide business card**  
Office Phone: (415) 819-7925  
Cell Phone: (415) 819-7925  
Email Address: westcaldesign@gmail.com

<table>
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<tr>
<th><strong>Total Environmental &amp; Power Systems (TEPS)</strong></th>
<th><strong>PM</strong></th>
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**Please provide business card**  
Office Phone: 925.681.2238  
Cell Phone: 925.332.9560  
Email Address: Brandon. Holog@e-teps.net
# PRE-BID MEETING SIGN-IN SHEET

**PROJECT TITLE:** L-619 Little Theater ADA Improvements  
**DATE / TIME:** January 31, 2018 at 1:00PM  
**LOCATION:** Los Medanos College

<table>
<thead>
<tr>
<th>COMPANY NAME</th>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Technologies</td>
<td>Gary Allen</td>
<td>Account Manager</td>
</tr>
<tr>
<td></td>
<td>925-490-9013</td>
<td></td>
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<tr>
<td>JCP Industries</td>
<td>Yves Brownfield</td>
<td>Biz Dev Lead</td>
</tr>
<tr>
<td></td>
<td>650-496-1201</td>
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<tr>
<td></td>
<td>510-467-7823</td>
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</tr>
<tr>
<td></td>
<td><a href="mailto:yves@jcpindustries.com">yves@jcpindustries.com</a></td>
<td></td>
</tr>
<tr>
<td>JWatt Construction</td>
<td>Andrew Barrone</td>
<td>Superintendent</td>
</tr>
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<td>JWatt Construction</td>
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<tr>
<td>CWS Costruction Grad</td>
<td>Charlie桌子</td>
<td></td>
</tr>
<tr>
<td></td>
<td>415-899-5835</td>
<td></td>
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<tr>
<td></td>
<td>415-899-5888</td>
<td></td>
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<tr>
<td></td>
<td>CWS Costruction@ Comcast.net</td>
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<tr>
<td><strong>ALDEN ELECTRIC</strong></td>
<td>Kevin Miller</td>
<td>President</td>
</tr>
<tr>
<td><strong>Cal-Pacific Construction</strong></td>
<td>Patricia Ayala</td>
<td></td>
</tr>
<tr>
<td><strong>Rubio's Construction</strong></td>
<td>Fernando Rubio</td>
<td></td>
</tr>
<tr>
<td><strong>Rodan Builders, Inc.</strong></td>
<td>Keith Reynolds</td>
<td></td>
</tr>
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<th>Cell Phone</th>
<th>Email Address</th>
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</thead>
<tbody>
<tr>
<td>ALDEN ELECTRIC</td>
<td>707-313-5221</td>
<td>707-313-5275</td>
<td><a href="mailto:Kevin@ALDEN.electricco.com">Kevin@ALDEN.electricco.com</a></td>
</tr>
<tr>
<td>Cal-Pacific Construction</td>
<td>(650) 557-1238</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rubio's Construction</td>
<td>(925) 708-3192</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rodan Builders, Inc.</td>
<td>650-768-1700</td>
<td>650-740-0560</td>
<td><a href="mailto:bids@rodanbuilders.com">bids@rodanbuilders.com</a></td>
</tr>
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</table>
# PRE-BID MEETING
## SIGN-IN SHEET

**PROJECT TITLE:** L-619 Little Theater ADA Improvements  
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<tr>
<th>COMPANY NAME</th>
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<tbody>
<tr>
<td>Marcon Builders, Inc</td>
<td>Jia Hong</td>
<td></td>
</tr>
</tbody>
</table>

- **Office Phone:** 510-639-1914  
- **Cell Phone:** 510-639-1914  
- **Email Address:** marconcompany.com

<table>
<thead>
<tr>
<th>SIEMENS BT</th>
<th>JAYMIE BROWER</th>
<th></th>
</tr>
</thead>
</table>

- **Office Phone:** 510-963-6741  
- **Cell Phone:** SAME  
- **Email Address:** Jaymie.brower@siemens.com

<table>
<thead>
<tr>
<th>SIEMENS BT</th>
<th>STEPHEN IWATA</th>
<th></th>
</tr>
</thead>
</table>

- **Office Phone:** 510-935-3436  
- **Cell Phone:** Same  
- **Email Address:** stephen.iwata@siemens.com

<table>
<thead>
<tr>
<th>SABCO INC</th>
<th><a href="mailto:TASGHAR@SBCGLOBAL.NET">TASGHAR@SBCGLOBAL.NET</a></th>
<th></th>
</tr>
</thead>
</table>

- **Office Phone:** 626-260-2849  
- **Cell Phone:** Same  
- **Email Address:** Tasghar@sbcglobal.net

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Page 4 of 5
**PRE-BID MEETING**
**SIGN-IN SHEET**

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**DATE / TIME:** January 31, 2018 at 1:00PM

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<tbody>
<tr>
<td>Eagle Builder</td>
<td>Greg Bristow</td>
<td>Project Manager</td>
</tr>
</tbody>
</table>

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<th>Office Phone</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(925) 241-5766</td>
<td>(315) 335-6485</td>
<td><a href="mailto:kevin@eagle-builder.com">kevin@eagle-builder.com</a></td>
</tr>
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</table>
MINUTES
PRE-BID MEETING & SITE WALK (MANDATORY)

=====================================================================================================================  
PROJECT NUMBER/NAME:  L-619 Little Theater ADA Improvements.  
CAMPUS:  Los Medanos College at 2700 E Leland Rd, Pittsburg, CA 94565 

DATE:  January 31, 2018  
TIME:  1:00 PM  
LOCATION:  Los Medanos College - PS2 20  

Important Note: An on-site job walk follows the meeting. Attendance at the job walk for this project is mandatory. At completion of the job walk, be sure to obtain a Certification of Site Visit (Section 00450), signed by the District. This signed form must be submitted with your bid.  

1. Opening Remarks – Stefan Johnson, Construction Manager  
   • Introductions  
   • DIR Registration requirement  

2. Project Team Members  
   Kevin Little  Project Manager - Critical Solutions, Inc. (CSI)  
   Stefan Johnson  Construction Manager - Critical Solutions, Inc. (CSI)  
   Russ Holt  Buildings and Grounds (B&G) Manager, LMC  

3. Brief Project Description  

In general, the Work consists of the following: Limited Alterations in The Little Theater (Drama Lab-814) On the Third Level of The College Complex in Sector 10.  

The work includes alterations to provide accessible seating and access to the space. Scope of work includes limited demolition, reupholstering of (e) seating, cleaning of (e) curtains and painting, new steps and railings, vestibule for drama lab, and associated lighting, power and data modifications  

• Timeline (calendar days):  
  o Bid Opening – Thursday February 22, 2018  
  o Estimated NTP – Monday April 23, 2018
• Contract duration – 73 calendar days to substantial completion; 30 days from SC to Final Completion.

4. Project Work Restrictions

• Refer to General Conditions Section 00700
• LDs $1000/calendar day beyond Substantial Completion, $500/calendar day beyond Final Completion

5. Bid Phase Communications & Correspondence

• All questions related to this Project must be in writing and directed to:

  Jovan Esprit, Contracts Manager
  Contra Costa Community College District
  500 Court St., Martinez, CA 94553
  Email: jesprit@4cd.edu
  Facsimile: 925-370-6517

6. Addenda Update

• No addendum has been issued.

7. Bid Phase Schedule Milestones

• Last day for RFI: February 8, 2018, prior to 2:00 PM
• Last Addendum Issued: February 15, 2018
• Bid Opening: February 22, 2018, prior to 2:00 PM

8. Bid Opening

• Bids must be received at the Contra Costa Community College District Office at 500 Court St, Martinez, CA by Thursday February 22, 2018 prior to 2:00 PM.
• All bids will be time stamped at the reception counter in the building lobby.
• Any bid received after the bid opening time will be rejected.
• An announcement will be made at the 2-minute mark prior to the bid opening deadline.

9. Bid Package

• Review your bid package carefully before submitting it. Be sure to include all required documentation.

10. Site Job Walk

• Review Construction Site
• Distribute signed Certificate of Site Visit forms