ADDENDUM NO. #2

Project Name: CNM Black Box Theater Renovations Bid #T-2905

This Addendum forms a part of the Contract Documents and modifies the original “CNM BLACKBOX THEATER RENOVATIONS” package dated August 14, 2013 & Specifications Document dated August 14, 2013 known here-with as the “Bidding Documents” noted below. Acknowledge receipt of this Addendum in the space provided on the Request for Proposal Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 18 pages, 0 pages of Specifications, 0 pages of Revision Sketches, 0 full size Drawings and 15 pages of miscellaneous information.

PRIOR APPROVALS:

The following manufacturers have been approved as acceptable equals to those specified, provided that the proposed items are in accordance with the function, material, physical size and meet the design intent specified. Contract requirements are not waived by these prior approvals and it shall be the responsibility of the Contractor to verify that these products are in accordance with the Drawings and Specifications prior to including them in his/her bid. The items submitted for prior approval have only been reviewed for general conformance since complete and detailed submittals have not been made at this time. The Architect is not responsible for detailing or performance problems arising during construction due to the substitution of materials.

1. Section 098413 FIXED SOUND-ABSORPTIVE PANELS – AVL Systems, Inc. TheaterBlack Acoustical Board, 2” Thickness is prior approved.

Addendum To The Specifications:

Item No. Spec. Section

Addendum To The Drawings:

Item No. Drawing

1.01 EL-101 Delete General Note A. on sheet EL-101.
1.02 A-601 Change door schedule to show Door Type “A” for door # 101 and door #102.
1.03 A-501 Replace Package 4 Audience Seating with attached new sections and equipment descriptions.
1.04 A-501 Replace Package 1 Theatrical Lighting System Specifications with attached new sections.
General Instructions:

Item No.

1.05 Pre-bid meeting sign-in sheet was not included in Addendum #1. See attached sign-in sheet.

1.06 All questions received after Tuesday September 3, 2013 and by Friday September 6, 2013 are answered in this addendum.

   1. Question: Sheet A-101, Note 9 – Free Standing L-shaped desk and task chair, are these owner furnished? Answer: See addendum #1 for clarification of contractor furnished desk and chair.

   2. Question: Door Schedule calls out doors Type C for bathroom doors 101 & 102 but Door Type C is not shown on the door type on Sheet A-601. Answer: See changes to drawings per Addendum #2.

   3. Sheet A-101, Note 7 – Wall-mounted projection screen – Is this contractor furnished and contractor installed? What about projector itself? Answer: Contractor furnished Wall-mounted projection screen, see Addendum #1 for specifications. Projector is owner furnished owner installed.

   4. Question: Sheet AD-101, Note 12 – Remove existing unit heater wall-vent, infill with CMU and brick. Does this conflict with sheet A-101, Note 4? (New door as scheduled) Answer: No. Per the Building Elevation D1 on Sheet A-202 the wall vent demo/infill is located above the location of the new door, there is no conflict.

   5. Question: Does the contractor or owner pay the cost for testing concrete? Answer: Owner shall pay for testing concrete.

   6. Question: Besides concrete & mortar testing, is testing required trenching for back-fill and asphalt patch material? Answer: No. Testing is not required for testing for trenching for back-fill and asphalt patch.

   7. Question: Is there a designated testing lab for this job? Answer: Not at this time.

   8. Question: Is electrical power required for the projector and if so in what location? Answer: Outlet at ceiling per EP-101, identified as circuit AV-10 has been located to support the owner furnished, owner installed projector.

   9. Question: Does the projector have any other low voltage sound and signal cabling requirements? Answer:

10. Question: On sheet A-501 package specifications 1, 3 and 4 are listed, but no package 2 is shown. Is this an omission? Answer: There is no package 2.

11. Question: Has the plan been reviewed by the City of Albuquerque? Who is responsible for the plan review fee? Answer: Plans were reviewed by CID. Permit is ready for pickup upon full payment of fee by contractor.

12. Question: On the plans, in the lobby area the floor raises 2+ inches from the bathrooms. Will this meet the ADA requirements? Answer: Yes, all flooring within the facility is specified to align with the raised sacrificial floor.

13. Question: Sheet EL-101 General Notes A. states that theatrical lighting and associated controls shall be by others. Answer: General Note A on Sheet EL-101 is deleted per Addendum #2.

14. Question: In Addendum 1 – pages 79-90 – Package 3 – Softgoods: There is no mention of any drapery track or installation. Are tracks required? Is installation required? If yes, please specify or identify this as a materials only bid. Answer: No installation is required. This is a materials only bid.

15. Question: In Addendum 1 – Pages 41-74 – Theatre Lighting: There is no mention of installation or training. Is installation required? Is training required? If yes, please specify or identify this as a materials only bid? Answer: No training or installation is required. This is a materials only bid.

16. Question: In Addendum 1 – Pages 75-77 – LED House Light: A) There are no quantities listed. Please clarify quantities. B) There is no mention of installation.
Is this a materials only bid? C) Are any control cables required? If yes, please specify. D) Para. 4 – B – Control: lists “Optional Control of the LED House Light shall be via wireless DMX for use with and optional wireless DMX transmitter.” Do you require an optional bid for this? If yes please Specify make/model. Answer: A) This is listed in the above revised spreadsheet to be included in Addendum #2. B) Same as answer to A. C) No installation required, information is included in the specs. D) Not requested.

By: Susan Johnson
Principal

cc: File

encl: Sign – in Sheet, Theatrical Seating Specifications and Equipment Descriptions, Theatrical Lighting Specifications

All other provisions and conditions of the Drawings and Specifications remain unchanged.

file: \NTSERVER4\Education\CN M Blackbox\10-Bidding & Addendums

END OF ADDENDUM No. 2
Central New Mexico University – Blackbox Renovation

Purpose of Meeting: Pre-Bid Meeting

Meeting Location: Project Site

Meeting Time/Date: August 30, 2013 – 10:00am

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Organization</th>
<th>E-mail</th>
<th>Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susan Johnson</td>
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<td>899-3535</td>
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<td>Daniel May</td>
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<td>Tim Anthony</td>
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<td>881-4242</td>
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<td>Marvin Jacobs</td>
<td>AIC</td>
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<td>911-1016</td>
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<td>Roger Cowick</td>
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<td>503-516-</td>
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<td>Gay Cowart</td>
<td></td>
<td><a href="mailto:gcowart@cmu.edu">gcowart@cmu.edu</a></td>
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## PACKAGE 1 SPECIFICATIONS

### THEATRICAL LIGHTING SYSTEM

#### LIGHTING CONTROL

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<tbody>
<tr>
<td>ETC ETC Ion 1000 Console</td>
<td>Ion 1000 (1024 Outputs)</td>
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<td>ETC Fader Wing 2x10</td>
<td>FADW 2x10</td>
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<td>ELO ELO 19&quot; Touchscreen DK Gray</td>
<td>1928L (Dark Gray) (Verify Compatibility)</td>
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<td>LITTLIGHT 18&quot; LED Gooseneck Task light for Ion Console</td>
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#### LIGHTING INSTRUMENTS

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<tr>
<td>STRAND PLPROFILE1 LED WITH PL INTERCONNECT BOX, C-CLAMP &amp; SAFETY CABLE INSTALLED</td>
<td>PLZS1-2444-03 (GR)</td>
<td>18</td>
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<tr>
<td>STRAND PLFRESNEL1 LED WITH PL INTERCONNECT BOX, C-CLAMP &amp; SAFETY CABLE INSTALLED</td>
<td>PLFR1-03 (GR)</td>
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<tr>
<td>STRAND ACCLAIM FRESNEL BARN DOOR</td>
<td>20BDMF</td>
<td>18</td>
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<tr>
<td>STRAND PLCYC LED WITH C-CLAMP &amp; SAFETY CABLE INSTALLED</td>
<td>PLCYC1-03 (GR)</td>
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<td>LIGHT SOURCE LED DIMMING 115 WATT FRESNEL WORK LIGHT WITH C-CLAMP &amp; SAFETY CABLE INSTALLED</td>
<td>WL1B 08030K PX</td>
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#### DATA/POWER CABLE

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<td>LEX DMX CABLE SHIELDED 5-PIN (5')</td>
<td>DMX-5P-5</td>
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<td>LEX DMX CABLE SHIELDED 5-PIN 10'</td>
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## PACKAGE 1 SPECIFICATIONS

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<td>15 Amp, EDISON Extension with Extra Hard Usage cord (10')</td>
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<td>LEX</td>
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<td>LEX</td>
<td>20 Amp, 12/3 SJ E PowerCON extension (5')</td>
<td>PE700J-5-PCN</td>
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<td>LEX</td>
<td>20 Amp, 12/3 SJ E PowerCON extension (10')</td>
<td>PE700J-10-PCN</td>
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<td>LEX</td>
<td>POWERCON/EDISON FEED THRU ADAPTER</td>
<td>3123J-515/PCN</td>
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<tr>
<td>NSI/LEVITON</td>
<td>4 CHANNEL PORTABLE DMX DIMMER PACK</td>
<td>D4DMX004MD5</td>
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## ACCESSORIES

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<td>MISC</td>
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<tr>
<td>CITY THEATRICAL</td>
<td>M SIZE SANDWICH PATTERN HOLDER FOR PL1PROFILE</td>
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<tr>
<td>ROSCO</td>
<td>M SIZE STANDARD STEEL GOBO</td>
<td>TO BE SPECIFIED BY CNM</td>
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<tr>
<td>CITY THEATRICAL</td>
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## PACKAGE 4 (AUDIENCE SEATING)

### AUDIENCE PLATFORMS

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<td>3' X 6' STAGETEK PLATFORM, ICE</td>
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<td>WENGER</td>
<td>12&quot; FIXED LEG ASSEMBLY KIT (4 PACK)</td>
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<td>24&quot; FIXED LEG ASSEMBLY KIT (4 PACK)</td>
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<td>WENGER</td>
<td>6' STANDARD GAURDRAIL</td>
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<td>WENGER</td>
<td>3' STANDARD GAURDRAIL</td>
<td>281A404.100</td>
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<tr>
<td>WENGER</td>
<td>BOX STEP 6&quot; RISE X 32&quot; W TO MATCH STAGETEK</td>
<td>CUSTOM</td>
<td>8</td>
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<tr>
<td>WENGER</td>
<td>STAGETEK PIE DECK 3' X 41&quot;, ICE</td>
<td>280A202.101</td>
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<tr>
<td>WENGER</td>
<td>STAGETEK PIE DECK 3' X 68&quot;, ICE</td>
<td>280A202.102</td>
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<td>12&quot; FIXED LEG (SINGLE)</td>
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<td>24&quot; FIXED LEG ASSEMBLY KIT (4 PACK)</td>
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<td>WENGER</td>
<td>60&quot; STANDARD GUARDRAIL FOR ABOVE</td>
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<tr>
<td>WENGER</td>
<td>UNIVERSAL DECK AND RAIL CART</td>
<td>113J001</td>
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### AUDIENCE SEATING

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<td>PORTABLE AUDIENCE CHAIR STANDARD</td>
<td>027A101.112</td>
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<tr>
<td>WENGER</td>
<td>STORAGE CART FOR AUDIENCE CHAIR</td>
<td>027A036</td>
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</table>
PART 1 - GENERAL

1.01 DESCRIPTION

A. Fully upholstered, portable folding chair with automatic seat uplift. Chair standards are mounted on welded steel plate protected with rectangular rubber cushions. Back cushion is shaped to provide lumbar support for long-term comfort.

B. Automatic spring-loaded seat rise returns seat to an upright position when not occupied. Arm rests initiate folding for putting in storage.

C. The chair folds for storage and transport on optional cart.

D. Each chair is equipped with a ganging device for solid, orderly rows.

1.02 REFERENCES


1.03 SUBMITTALS

A. Product data.

B. Shop Drawings: Assembly and installation drawings showing product components in assembly with adjacent materials and products.

C. Contract Closeout Submittals:

1. Cleaning and Maintenance Data.

2. Warranty.

1.04 QUALITY

A. The chair shall be Wenger 027A001 Standard Portable Audience Chair by Wenger Corporation, 555 Park Drive, Owatonna, MN 55060 or equal in design, material, quality and durability.

1.05 WARRANTY
A. Provide written warranty stating that products found not in accordance with the requirements of the contract documents within a period of five years after date of delivery shall be corrected promptly after receipt of written notice from owner.

PART 2 – MATERIALS AND CONSTRUCTION

2.01 CHAIR FRAME

A. Steel chair frame is constructed with 16-gauge continuous, electric welded 1 x 2 inches rectangular steel tube.

1. Frame color: Black powder coat.

Chair seat returns to an upright position when not occupied. The seat plate is fixed to the front standards. Independent seat fold action is by means of two double tension springs, which provide noiseless tilting mechanism. Legs and armrests pivot on steel rivets.

B. Chair height: 32 inches; seat height: 17-½ inches.

C. Available in single-, double- or triple-chair configurations.

D. Available in widths of 21” – 26”, outside-to-outside dimension referencing single-chair configuration.

2.02 SEAT AND BACK

A. Seat and back upholstery: 100% Marquesa® Lana Polypropylene

1. Colors: Choose from Absecon Mills Sherpa & Shire 105 standard colors.

B. Seat Cushions: 2-1/2”-thick, high-resiliency polyurethane foam cushion glued onto a five-ply, 3/8” contoured hardwood plywood structure completely fabric covered. HR polyurethane foam, flame-retardant, allergy-proof, odorless and moisture-proof glued to plywood structure.

C. Back Cushion: One-inch thick, high-resiliency polyurethane with a five-ply, 3/8” contoured hardwood plywood substrate.

D. Underseat and seatback: Fabric-covered.

2.03 ARMREST
A. Yellow birch hardwood, rounded corners, fixed to top of standards. Black lacquer finish.

2.04 FINISH

A. Metal: Baked enamel coating finish electrostatically applied.
B. Wood: Black lacquer.

2.05 ACCESSORIES

A. Storage/Transport Cart
   2. Steel frame construction with casters.
   3. Loaded dimensions (inches): 79H x 82W x 38D.
   4. Unloaded dimensions (inches): 70H x 82W x 38D.

B. Number Sets, magnetic or self-adhesive, brushed gold finish with black lettering.

C. Letter Sets, magnetic or self-adhesive, brushed gold finish.

D. Bland Donor Plates, magnetic or self-adhesive, brushed gold finish.

E. Drink Holder, plastic, right side (when seated in chair).

F. Armrest Relief to accept blank donor plate (specify left or right side when seated in chair).


2.06 DUST COVER

A. Designed to work with chairs when stored on the storage transport cart.

B. Vinyl-coated polypropylene.
PART 3 - EXECUTION

3.01 INSTALLATION
   A. Install per manufacturer’s recommended installation.

3.02 CLEANING
   A. Clean metal, wood and fabric surfaces after installation.
   B. Remove packing materials and construction debris from site.

END OF SECTION
PART 1 - GENERAL

1.1 SECTION INCLUDES
A. Portable stage platforms.
B. Portable seating-platform risers.

1.2 RELATED SECTIONS
A. Division 01 Section "Special Project Procedures for Music Education Facilities" for coordinating installation of related products.
B. Division 01 Section "Sustainable Design Requirements" for related LEED general requirements.

1.3 REFERENCES
A. American Hardboard Association
   1. AHA A135.4: Basic Hardboard.
B. IBC and ASTM Load Ratings Standards:
   1. 2009 International Building Code; SECTION 1607 LIVE LOADS; TABLE 1607.1 MINIMUM UNFORMLY DISTRIBUTED LIVE LOADS AND MINIMUM CONCENTRATED LIVE LOADS. (Uniform loading in PSF for Stages and platforms in Assembly areas and theaters)
   2. 2009 International Building Code; SECTION 1604 GENERAL DESIGN REQUIREMENTS; TABLE 1604.3 DEFLECTION LIMITS (Deflections for floor members as I/XXX)
   3. 2009 International Building Code; SECTION 1714 IN-SITU LOAD TESTS; SECTION 1714.3.2 Load test procedure not specified. (24 hour duration test at 2x design load)
   4. ASTM E2322-03 Standard Test Method for Conducting Transverse and Concentrated Load Tests on Panels used in Floor and Roof Construction Section 10 (Applying uniform load via air bag) Section 11 (Applying concentrated load via 25.4mm diameter pin, measurement method, max load)
   5. ASTM E661-03 Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated and Impact Loads. Section 4,6 (Applying concentrated load via 25mm & 76mm diameter loading disks, loading location)
   6. ASTM Standard for Stair and Tred Loads
C. ASTM International
D. NFPA International
E. U.S. Department of Commerce, National Institute of Standards and Technology
F. US Green Building Council (USGBC):

1.4 PERFORMANCE REQUIREMENTS

A. Structural Performance:
   1. Stage Platforms and Risers: Standard Uniform Load 4’X8’ Deck: 125 lbf/ft.² (6 kN/ m²).
      Heavy-Duty Uniform Load 4’X8’ Deck with additional 5th leg: 200 lbf/ft.² (9.6 kN m²)
   2. Stage Platforms and Risers: Dynamic Live Load: Side load of 15% of total Uniform Live Load: 600lb (2.7 kN) side load on a 4’ X 8’ platform under a total Uniform Live Load of 4,000 lbs (17.8 kN)
   3. Stage Platforms and Risers: Point Load: 1,500lb (6.7 kN) applied via 1” (2.5 cm) diameter pin.
   4. Stage Platforms and Risers: Fully replaceable components including corners, frame and wood deck. Replaceable in the field with common tools.
   5. Treads of Stairs: Uniform Load: 500 lbs (227 Kg) per 36” X 11” tread. (91.44 cm X 27.94 cm), and concentrated load: 300 lbs (136 Kg) on area of 12 sq. in. (77.4 sq. cm): Total Uniform Load of 1,000 lbs (454 Kg) per stair assembly.
   6. Guard Rail Concentrated Load: 200 lbf (0.89 kN) applied at any point in any direction.
   7. Guard Rail Uniform Load: 50 lbf/ft. (0.73 kN/m) applied to top rail.
   8. Intermediate Rails, Panels, and Baluster Concentrated Load: 50 lbf (0.22 kN) applied to 1 sq. ft. (0.093 sq. m) area.
   9. Guard Rail In-Fill Panel compliant with IBC 4” (10 cm) sphere code.

1.5 SUBMITTALS

A. Product Data: Manufacturer’s data sheets and installation instructions.
B. Manufacturer Product Certificates: For stage-drapery fabric and carpet.
C. LEED Submittals:
   1. Credit EQ 4.4: Manufacturer’s certificate indicating that composite wood products and adhesives used contain no urea formaldehyde.
D. Shop Drawings: Prepared by manufacturer. Include elevations showing components and details of each condition of installation. Show fabrication and installation details and relationship to adjacent work. Include plans, elevations, sections, and details, and relationship to other work.
   1. [Indicate seismic bracing meeting project seismic design requirements.]
E. Samples: For stage deck construction and drapery fabric.
F. Operation and Maintenance Data.
G. Warranty: Submit sample meeting warranty requirements of this Section.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Approved manufacturer listed in this section, with minimum [5] years experience in manufacture of stages, platforms, and risers in use in similar environments. Obtain [stage platforms] [and] [risers] through one source from a single approved manufacturer.
   1. Approval of Comparable Products: Submit the following in accordance with project substitution requirements, within time period allowed for substitution review:
      a. Product data.
      b. Samples of each component of product specified.
      c. Project references: Minimum of 5 installations not less than [5] years old, with owner contact information.
d. List of successful installations of similar products available for evaluation by Architect.
e. Sample warranty.

2. Submit substitution request not less than 15 days prior to bid date. Substitutions following award of contract are not allowed except as stipulated in Division 01 General Requirements.

3. Approved manufacturers must meet separate requirements of Submittals Article.

B. Fire-Test-Response Characteristics: Provide products meeting the following fire-test-response characteristics.

1. Stage Drapery Fabric: Flame resistant per NFPA 701.
2. Carpet: Critical radiant flux classification of not less than 0.45 W/sq. cm per ASTM E 648.

C. Source Limitations: Obtain the following products through one source from a single approved manufacturer in accordance with Division 01 Section "Special Project Procedures for Music Education Facilities":

1. Sound control door assemblies.
2. Acoustical room components.
3. Acoustical shells.
4. Folding and portable stages and risers.
5. Orchestra pit fillers.
7. Sound conditioned rooms.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle [stage platforms] [and] [risers] in accordance with manufacturer's recommendations. Ship to jobsite only after roughing-in, painting work, and other related finish work has been completed and installation areas are ready to accept units and recommended temperature and humidity levels will be maintained during the remainder of construction.

1.8 WARRANTY

A. Special Warranty: Manufacturer's written warranty indicating manufacturer's intent to repair or replace components of [stage platforms] [and] [risers] that fail in materials or workmanship within [5] years from date of Substantial Completion. Failures are defined to include, but are not limited to, the following:

1. Fracturing or breaking of unit components which results from normal wear and tear and normal use other than vandalism.
2. Delamination or other failures of glue bond of components.
3. Warping of components not resulting from leaks, flooding, or other uncontrolled moisture or humidity.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design: [Stage platform] [and] [riser] design is based upon products of the manufacturer listed below. Provide basis of design product or approved comparable product. Comply with requirements of Part 1 Quality Assurance Article for approval of products not named below.

B. Wenger Corporation, Owatonna, MN; Telephone: (800)4WENGER (800-493-6437); Email: info@wengercorp.com; Website: www.wengercorp.com.

1. Basis of design product: [StageTek Staging System] [and] [StageTek Seated Riser System].
2. **[Specifier: Insert additional product manufacturers meeting requirements of Quality Assurance Article above, if required for project.]**

2.2 MATERIALS

A. Aluminum: Complies with ASTM Standards listed above in section 1.3 C

B. Materials Meeting Sustainable Design Requirements:
   1. Provide [stage platforms] [and] [risers] made with products and adhesives that contain no urea formaldehyde.


D. Hardboard: AHA A135.4, Tempered Grade.

E. Hardware and Fasteners: Manufacturer's standard non-corroding type, permanently mounted to units, remaining set or tightened under load and vibration in service, and designed to preclude user contact with sharp edges.

2.3 FABRICATION

A. General: Provide portable stages and risers meeting requirements of Performance Requirements Article, with the following characteristics:
   1. Portable and storable in space indicated.
   2. Easily set up and disassembled without use of special tools or loose fasteners.
   3. Modular and reconfigurable.
   4. Platform components replaceable with common tools to include corners, frame sections, and platform decking.
   5. Platforms supported by individual legs that are storable inside the platform frame.
   6. Platforms designed for comfortable and secure power-grip (closed-grip) anywhere around entire deck perimeter.
   7. Lightweight leg sets/understructures - 40" (101 cm) tall or shorter weigh less than 10 lbs (4.5 kg).

2.4 **[STAGE PLATFORMS] [AND] [SEATED RISERS]**

A. Frame: Extruded 6063-T6 aluminum, 4 inches tall (101.60 mm), with hidden contours to accept attachments. Rounded 1.5" (38.1 mm) hand-hold area open to accept power-grip (closed-grip) around entire perimeter. Frame components are repairable and replaceable.

B. Corners: Cast 380 aluminum corner assembly engages leg 3 inches (76.2 mm) and secures leg with a full-length 2.75 inches (69.85 mm) convex brace driven by a threaded bolt operated with a nylon t-handle. Corner assemblies are repairable and replaceable.

C. Legs: Legs operate individually and are constructed of extruded 6063-T6 aluminum round tube, 2.50 inch diameter (63.5 mm) with a wall thickness of .075 inch (1.905 mm). Standard fixed-height legs available in 8, 16, 24, 32, and 40-inch (200, 410, 610, 810, and 1020 mm) high, as required for layout indicated. Non-marking cap. Legs to store resting on frame rails or in clamping brackets within deck frames.
   1. **Custom length legs**: Provide where required for layout indicated.
   2. **Legs and understructures**: To secure into corner pockets and to stay in place when decks are lifted and moved.
   3. **Adjustable legs**: Provided where indicated. Constructed of extruded 6063-T6 aluminum tube, 2.50 inch diameter (63.5 mm) with a wall thickness of .0750 inch (1.905 mm) with an adjustable threaded foot for infinite adjustability plus or minus 2 inch (50.8 mm) from nominal length of leg. The foot will provide a non-marking rubber pad.
   4. **Telescoping legs**: Provide where indicated. Standard Telescoping Legs available in 3 configurations adjusting between 16 inches to 28 inches (40.64 cm to 71.12 cm), 24 inches...
to 40 inches (60.96 cm to 101.60 cm), and 30 inches to 54 inches (76.20 cm to 137.16 cm). Nominal height adjustment in increments of 4 inches (101.6 mm) secured with spring-loaded quick-release pin. Constructed of extruded 6063-T6 aluminum round outer tube, 2.50 by .075 inch (63.5 by 1.905 mm) telescoping over a 2” by .125” (50.8 by 3.17 mm) inner tube. With an adjustable threaded foot providing for fine adjustability between beyond nominal set length of leg. The foot will provide a non-marking rubber pad. Inner and outer tubes secured with non-rattling bushings and will not pull apart from each other.

D. Deck Panels: Manufacturer's standard panel construction, 3/4-inch (19-mm) overall thickness, consisting of minimum 1/2-inch (12-mm) thick plywood substrate with finish surfaces consisting of [1/8-inch (3-mm) tempered hardboard[ black 0.030” (.76-mm) thick Standard Textured polypropylene with black smooth HDPE backer sheet.] [black 0.050” (1.27-mm) thick Heavy Duty textured polypropylene with black smooth HDPE backer sheet.] [manufacturer's standard carpet, with plywood bottom] [plywood substrate ready to receive scheduled field-applied carpet]. edged with extruded aluminum.

1. Panel Dimensions: Manufacturer's standard sizes, as required for layout indicated.

2.5 ACCESSORIES

A. Guards and Railings: Complying with performance requirements specified in Part 1, clamp-attached without tools, lower horizontal rail acts as chair stop. Optional infill panels bring Guard Rails into compliance with International Building Code specifying that a 4” sphere object can not pass through the railing.

B. Ramps: Complying with performance and accessibility requirements specified in Part 1, adjustable to meet platform height, portable and compatible with platform panel storage cart.

C. Stairs: [Fixed] [Articulating] stair set, sized as required by platform layout, with handrails and slip-resistant treads.

D. Box Step: Single relocatable box step equipped with clamps for fixing in place, height as required, located as indicated.

E. Leg Storage Clips: Provide bottom-of-deck panel leg storage clips.

F. Chair Stops: Clamp on leg stop, able to be installed and demounted without tools constructed of tube steel. Semi-permanent Chair Stop constructed of extruded PVC and secured into deck with screws.

G. Storage Cart: Steel tube-framed, folding transport cart with heavy-duty 8-inch (200-mm) casters and clamping safety strap. Provide number of carts required for layout indicated. Cart designed to carry up to 6 decks or 6 guardrails. Combinations of decks and guardrails can be stored on cart.

H. Closure Panels: Closure panels matching Standard textured horizontal surface, not less than 3/4-inch (19-mm) thick plywood, secured with tool-free snap attachment located as follows:

1. Front of unit.
2. Sides of unit.
3. Intermediate risers.

I. Curtain [Closures] [and] [Backdrops]: Manufacturer's standard stage-drapery-fabric curtain closures with hanging accessories, as follows:

1. Skirting closures.
2. Backdrop closure, 8-foot- (2.4 m-) high, with metal frame.
3. Color: As selected by Architect from manufacturer's full range.
2.6 FINISHES
   A. Metal Finishes: Aluminum: Mill finish.

PART 3 - EXECUTION
3.1 INSTALLATION
   A. Install units in location as directed to verify components are complete and operational.
   B. Train Owner’s personnel to adjust, operate, and maintain units.
   C. Disassemble units following approval and store in location indicated.
   D. Turn over operation and maintenance instructions to Owner.

[END OF SECTION 11 61 23]

[END OF SECTION 11062]
Submittals and Substitution Request Reviews: When reviewing substitution requests for other products for compliance with this specification, Wenger recommends particular attention to the following issues: