To: Prospective Bidders

From:
WBRC ARCHITECTS ENGINEERS
44 Central Street
Bangor, ME 04401-5116
(207) 947-4511
www.wbrcae.com

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated July 29, 2019, as noted below. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of the following:
- Clarifications
- Specification Changes
- Drawing Changes
- Section 11 61 43
- Sheet GI002
- Sheet GI003
- Sheet AD101
- Sheet AE101
- Sheet AE201
- Sheet AE501

CLARIFICATIONS:
1. The project budget construction cost is approximately $220,000,000.
2. Refer to AD101 which shows the extent of concrete floor slab removal, refer to the hatched area noted as “Concrete slab Removal Extent”. This extent of concrete removal is also detailed on A1/AE501. The new concrete slab does not continue under the new stage. Refer to details D1 and M8 on AE501 which show the termination of the new concrete slab. The extent of the new concrete slab is also shown hatched on AE102.
3. Where existing seating is to be removed, existing concrete fasteners are to be removed entirely to allow for concrete patching.
4. The new fixed audience seating, under separate contract, is to be installed and ready for use on or before January 31, 2020. The Owner’s seating vendor anticipates the new seating installation duration to be 3-5 days. The General Contractor will need to confirm and coordinate directly with the Seating Vendor.

SPECIFICATION CHANGES:
5. Section 001100, Summary, Par. 1.8.B. DELETE in its entirety and REPLACE with the following: “B. All work, excluding the new exterior walkway, at Jewett Hall is expected to be completed and ready for occupancy on or before January 31, 2020. Provide temporary exterior egress as indicated on the Drawings. The new permanent asphalt walkway is to commence once site conditions are acceptable for this installation and completed by May 29, 2020.”
Addendum Number 01
Project: 3596.20 UMA Jewett Hall Auditorium Renovation
August 16, 2019

6. Section 06 16 00, Sheathing, Par. 2.3.F, DELETE in its entirety and REPLACE with the following: “F. Nominal Thickness: As shown on drawings.”
7. Section 11 61 43, Stage Curtains, DELETE in its entirety and REPLACE with the attached specification.

DRAWING CHANGES:

8. Sheet GI002, SYMBOLS AND ABBREVIATIONS, ADD attached sheet.
9. Sheet GI003, CODE REVIEW AND LAYOUT PLAN, ADD attached sheet.
10. Sheet AD101, FIRST FLOOR AND REFLECTED CEILING PLAN REMOVALS, DELETE and REPLACE with attached sheet.
11. Sheet AE101, FIRST FLOOR PLAN, REFLECTED CEILING PLAN, DOOR DETAILS, DELETE and REPLACE with attached sheet.
12. Sheet AE201, ELEVATIONS, DELETE and REPLACE with attached sheet.

END OF ADDENDUM 01
SECTION 11 61 43
STAGE CURTAINS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section Includes:

1. Stage curtains, scrims, and drops.
2. Draw-curtain tracks.
3. Curtain rigging.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product and the following:
   1. Tracks: Capability of each track to support the weight and operation of curtains that it supports.

B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.
   1. Include plans, elevations, sections, and attachment details of curtains.
   2. Include fabric assembly and hanging details.
   3. Dimension operating clearances.
   4. Include documentation of capacity of each batten, track, attachment, and rigging component to support loads.
   5. Points of attachment for and the corresponding static and dynamic loads imposed on structure.

C. Samples: Full width by minimum 12-inch-long section of each fabric from dye lot to be used for the Work, with specified treatments applied. Show complete pattern repeat. Mark top and face of fabric.

1.4 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Reflected ceiling plans and other details, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

   1. Structural members to which tracks, battens, and other stage-curtain equipment will be attached.
   2. Locations of lighting fixtures and cabling, ductwork, piping, and sprinklers.
   3. Rigging equipment for stage equipment.

B. Qualification Data: For Installer.

C. Product Certificates: For the following, from manufacturer:
1. Fabric: Provide name of flame-retardant chemical used, identification of applicator, treatment method, application date, allowable life span for treatment, and details of any restrictions and limitations.

2. Rigging: Compliance of suspended tracks with requirements.

D. Sample Warranty: For manufacturer's special warranty.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For stage curtains and rigging to include in operation and maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who has completed installation of stage curtains similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

1.7 FIELD CONDITIONS

A. Environmental Limitations: Do not install stage curtains until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work at and above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

B. Field Measurements: Verify locations of supporting structural elements and construction contiguous with stage curtains and rigging by field measurements before fabrication and indicate measurements on Shop Drawings.

1.8 WARRANTY

A. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace components of stage-curtain systems that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, faulty operation of rigging.

2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 STAGE-CURTAIN SYSTEMS

A. Description: Complete stage-curtain systems, including stage curtains, tracks, draw-curtain machines, and rigging; with necessary accessories for support and operation.

B. Source Limitations: Obtain stage-curtain systems from single manufacturer. Obtain each color, grade, finish, type, and variety of fabric from single source with resources to provide materials of consistent quality in appearance and physical properties.
2.2 PERFORMANCE REQUIREMENTS

A. Structural Performance: Stage-curtain systems and attachments to structure shall withstand the effects of gravity and operational loads and the following loads and stresses:

1. Design Loads: Weight of curtains and loads not to exceed existing curtain and track system.

B. Fire-Test-Response Characteristics: Provide stage curtains meeting the following requirements as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.

   a. Permanently attach label to each fabric of curtain assembly indicating whether fabric is inherently and permanently flame resistant or is treated with flame-retardant chemicals and whether it requires retreatment after cleaning or after a designated time period of use.
   b. Permanently attach 12-inch-square swatch of same fabric and dye lot for each fabric of a curtain assembly to the back of assembly for use as fire-resistance test strip.

2.3 CURTAIN FABRICS

A. General: Provide fabrics inherently and permanently flame resistant or chemically flame resistant by immersion treatment according to performance requirements indicated. Provide fabrics of each type and color from same dye lot.

B. Heavyweight Woven Cotton Velour: Napped fabric of 100 percent cotton weighing not less than 25 oz./linear yd., with pile height not less than 79 mils; 54-inch minimum width.
   a. #2703 Overture; JB Martin Ltd.
   b. #31010 Metro; J. L. de Ball America, Inc.
   c. Memorable; KM Fabrics, Inc.

2. Color/Texture/Pattern: As selected by Architect from manufacturer's full range.

2.4 LINING

A. Cotton Lining: Yarn-dyed denim cloth of 100 percent cotton; woven in a warp-faced twill; 54-inch minimum width; black.

2.5 CURTAIN-BOTTOM WEIGHTS

A. Proof Coil Chain: Grade 30, No. 8, zinc plated, 3/16 inch, ASTM A413/A413M.

B. Weight Tape: Curtain manufacturer's standard, continuous weight tape to suit each curtain type and location.

2.6 CURTAIN FABRICATION

B. Vertical and Top Hems: Machine sew hems as follows unless otherwise indicated:

1. Vertical Hems: Minimum 2 inches wide, and not less than 4 inches wide at borders, valance, teasers, and tormentors, with not less than a 1-inch tuck and with no selvage material visible from front of curtain. Sew open ends of hems closed.

2. Turnbacks: Provide leading-edge turnbacks for traveler curtains, formed by folding back not less than 12 inches of face fabric, with not less than a 1-inch tuck, and vertically secured by sewing.

3. Top Hems: Reinforced by double-stitching 3-1/2-inch-wide, heavy, jute or laminated synthetic webbing to top edge on back side of curtain with not less than 2 inches of face fabric turned under.

C. Fullness:

1. 50 Percent Fullness: Provide fullness, exclusive of turnbacks and hems, by sewing additional material into 3-inch double-stitched, flat, box pleats spaced at 12 inches o.c. along top hem reinforcement.

D. Grommets: Brass, No. 3, or No. 4.

1. Black Curtains: Provide brass or aluminum grommets with black finish.

2. Pleated Curtains: Center grommets on each box pleat and place 1 inch from corner of curtain; for snap hooks or S-hooks.

E. Bottom Hems: Machine sew hems as follows unless otherwise indicated:

1. For Curtains With Fullness:
   a. Floor-Length Curtains: Hems not less than 6 inches deep, with 1-inch weight tape sewn to top seam of the bottom hem, clear of the finished bottom edge, and with open ends of hems sewn closed.

2. Lining: Where indicated, provide lining for curtain in same fullness as face fabric and finished 2 inches shorter than face fabric. Sew or otherwise securely attach lining to top hem of face fabric. Attach lining to face fabric along bottom and side seams with 4-inch-long strips of heavy woven cotton tape.

2.7 CURTAIN ACCESSORIES

A. S-Hooks: Manufacturer's standard heavy-duty plated-wire hooks, not less than 2 inches long.

B. Tie Lines: No. 4 or No. 4-1/2 cord or braided soft cotton tape, black or white to best match curtain; not less than 5/8 inch wide by 36 inches long, threaded through grommets.

C. Snap Hooks: Manufacturer's standard heavy-duty hooks.

2.8 STEEL CURTAIN TRACK

A. Steel Track: Roll-formed, galvanized, commercial-quality, zinc-coated steel sheet, ASTM A653/A653M; Grade 60 coating designation; with continuous bottom slot and with each half of track in one continuous piece; black paint finish; complete with necessary accessories for support and operation.

1. Steel Thickness: As recommended by manufacturer for loads and operation.
   a. Heavy Duty: Minimum 0.079 inch.
   b. Medium Duty: Minimum 0.064 inch.

B. Clamp and Bracket Hangers: Steel clamps and brackets of sufficient strength required to support loads for attaching track to overhead support.
C. Track-Lap Clamp: Metal to match track channel for attaching two tracks at center overlap.

D. Heavy-Duty Track System: Equip track with heavy-duty components as recommended by manufacturer for loads and operation. Provide end stops for track.

1. Curtain Carriers: Standard carriers of plated steel with a pair of neoprene-tired ball-bearing wheels riveted parallel to body. Equip carriers with rubber or neoprene bumpers to reduce noise, and heavy-duty, plated-steel swivel eye and trim chain for attaching curtain snap or S-hook. Provide quantity of curtain carriers sufficient for track length, to suit curtain fabrication.

   a. Master Curtain Carriers: One master carrier, for each leading curtain edge, of plated steel with two pairs of neoprene-tired ball-bearing wheels and with two line guides per carrier.

2. Pulleys: One dead-end, single-wheel pulley; one live end, double-wheel pulley; and one adjustable pulley to maintain proper tension on operating line; each with not less than 5-inch molded nylon- or glass-filled-nylon-tired ball-bearing sheaves enclosed in steel housings. Provide pulleys with steel housing finished to match track and with bracket for securing off-stage curtain end.

E. Manual Cord Operation: Provide with cord operating line, 3/8-inch, diameter, stretch-resistant operating cord of braided synthetic-fiber jacket over solid, synthetic-fiber, linear filaments.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and conditions, with Installer present, for compliance with requirements for supporting members, blocking, installation tolerances, clearances, and other conditions affecting performance of stage-curtain work.

B. Examine inserts, clips, blocking, or other supports required to be installed by others to support tracks and battens.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. Install stage-curtain system according to curtain and track manufacturer's written instructions.

3.3 TRACK INSTALLATION

A. Ceiling-Mounted Track: Drill track at intervals not greater than manufacturer's written instructions for spacing, and fasten directly to structure.

B. Beam-Mounted Track: Install track by suspending from beam clamps securely mounted to I-beam structure at track-support spacing, according to manufacturer's written instructions.

C.——
D. **Batten Hung Track**: Install track by suspending from pipe batten with manufacturer’s track clamp hangers attached to batten pipe clamps at track support spacing, according to manufacturer’s written instructions. **DELETE Add. No.1 8.16.2019**

E. 

F. **Track-Support Spacing**: According to manufacturer’s recommendations for applied loads, but not exceeding the following dimensions between supports:

1. Heavy-Duty Track: 72 inches.
3. Curved Walk-Along Track: 48 inches, with additional supports at curves and splices.

A. **Install track for center parting curtains with not less than 24-inch overlap of track sections at center, supported by track lap clamps.** **DELETE Add. No.1 8.16.2019**

B. 

3.4 **CURTAIN INSTALLATION**

A. **Track Hung**: Secure curtains to track carriers with S-hooks.

B. **Batten Hung**: Secure curtains to pipe battens with S-hooks. **DELETE Add. No.1 8.16.2019**

C. **CURTAIN SCHEDULE**

D. **Stage Curtain**: As indicated on Drawings and as follows:

1. Type: Traveler panels.
2. Size and Arrangement: As indicated on Drawings.
4. Lining: Cotton.
5. Fullness: 50 percent.
8. Battens: As recommended by manufacturer.
9. Track: Heavy-duty steel with double-curtain capacity.
10. Track Shape: Straight.

END OF SECTION 11 61 43
GENERAL REMOVAL NOTES:
1. GENERAL CONTRACTOR (GC) SHALL FIELD VERIFY & REPORT EXISTING CONDITIONS AND DIMENSIONS PRIOR TO REMOVALS. IF DISCREPANCIES ARE FOUND, GC TO NOTIFY ARCHITECT FOR WORK.

TO THEIR WORK MAY BE INDICATED OR DESCRIBED IN 3. REFER TO SPECIFIC DRAWINGS FOR

4. ALL REMOVALS AND PATCHING REQUIRED TO COMPLETE THEIR WORK IN ACCORDANCE WITH THE DESIGN INTENT.

THESE REMOVALS DRAWINGS HAVE BEEN PREPARED BASED UPON EXISTING CONSTRUCTION DOCUMENT DRAWINGS AND FIELD OBSERVATIONS. THE EXACT LOCATION OF THE BUILDING STRUCTURAL ELEMENTS (COLUMNS, BEAMS, LOAD BEARING WALLS, ETC.) MAY BE DIFFERENT IN THE FIELD THAN WHAT IS INDICATED OR ASSUMED ON THESE DRAWINGS. GC STRUCTURAL ELEMENTS. ALL BUILDING STRUCTURAL REMOVED ON THIS DRAWING SHALL BE CONFIRMED

6. GC SHALL PROTECT, REPLACE OR REPAIR ANY EXISTING CONSTRUCTION SCHEDULED TO REMAIN WHICH IS DAMAGED DURING REMOVALS

7. TEMPORARY BRACING DURING REMOVALS

8. REMOVE EXISTING CEILING TILES WHERE NEW CEILINGS ARE INDICATED.

10. CEILINGS WHERE PARTITIONS OR MISCELLANEOUS EXISTING LIGHTING, DIFFUSERS, PANEL AS NECESSARY TO PROVIDE ACCESS TO DURING CONSTRUCTION.

11. REMOVE DOORS, FRAMES AND SIDELIGHTS

12. CONTRACTOR SHALL VERIFY WITH THE OWNER THOSE REMOVED ITEMS TO BE TURNED OVER TO THE OWNER.

13. ALL CEILING MOUNTED LIGHTING, DIFFUSERS, GRILLES, STAGE LIGHTING, SPEAKERS AND EQUIPMENT TO REMAIN, U.N.O. PROTECT DURING CONSTRUCTION.

14. REMOVE EXISTING FLOORING WERE NEW FLOORING IS INDICATED. PREPARE EXISTING FLOOR SURFACES TO RECEIVE NEW FLOORING.

15. REMOVE STAGE ENTIRELY. REMOVE WD FRAMED ABANDONED STAGE BELOW.

16. REMOVE STAIR TRACK AND MOUNTING HARDWARE ENTIRELY

17. REMOVE STAIR CASE THRESHOLD AND PARTIAL FRAME TO REMAIN, TYP.

18. REFER TO DETAILS FOR REMOVALS NECESSARY FOR CURTAIN, TRACK AND MOUNTING HARDWARE ENTIRELY.

19. REMOVE ELECTRICAL POWER OUTLET AND AND HARDWOOD TRIM.

20. ADDENDUM #01 08/16/2019
**General Notes:**

1. Refer to GI002 Sheet for all abbreviations and symbols.
2. Refer to all drawings including sheets and addendums for additional general notes, for intent purposes only. Adjust rough openings and locations as required per actual plans, code reference information and fire safety and/or have fire dampers equivalent to those shown. Where specific dimensions, consult architect before proceeding with the work.

3. Notify the architect and owner of any discrepancies found in the drawings.
4. Install new ceiling tiles in existing construction.
5. New framing shall be corrected by contractor at own cost.

6. Refer to electrical plans for location of lighting and existing stage lighting.
7. All drawings are of equal importance in defining the work of the contract documents. The architect shall verify all conditions and notify architect for clarification before proceeding with the work.

8. Finish floor elevations are to top of seating platform after fixed seating has been removed.

9. Masonry and mortar to match existing concrete, unless otherwise noted.

10. Refer to mechanical and electrical contractors' drawings and manufacturers' templates drawings for all mechanical and electrical equipment supports, bolt setting templates, isolations, spring isolation, etc. Not shown on the drawings.

11. Refer to mechanical and electrical

12. Slope down 3'-0" from floor transition to seating platform when required. Masonry and mortar to match existing concrete, unless otherwise noted.

13. All existing edge infill trench with concrete, feather top after fixed seating has been removed.

14. Patch bolt holes in masonry, interior of masonry, after fixed seating has been removed.

15. Refer to sheet DWG201 for all modifications and changes.

16. Refer to all drawings including sheets and addendums for additional general notes, for intent purposes only. Adjust rough openings and locations as required per actual plans, code reference information and fire safety and/or have fire dampers equivalent to those shown. Where specific dimensions, consult architect before proceeding with the work.

17. Do not scale drawings, the drawings are not contract documents. The architect shall verify all conditions and notify architect for clarification before proceeding with the work.

18. Refer to specifications for complete hidden hardware.

19. Refer to mechanical and electrical.
LOCATE EXIT SIGN 3" ABOVE BOTTOM EDGE OF MAPLE VENEER PANEL

END PANELS TO BE EQUAL WIDTH

ELECTRICAL OUTLET TO BE CENTERED IN PANEL, TYP.

REFER TO ALTERNATES FOR MASONRY CLEANING AT ALL INTERIOR ELEVATIONS THIS ROOM

ALIGN

PATCH, FILL, AND PAINT HM FRAME

PROVIDE NEW HORIZONTAL MULLION, WELD TO EXISTING HM JAMB, PAINT NEW METAL PANEL, PAINT NEW SCHEDULED DOOR

PAINT EXISTING INFILL PANELS AND FRAME

EXISTING SLAB - 4' - 0"

NEW SLAB - 3' - 4"

STAGE - 2' - 1"

REMOVE EXISTING METAL PANEL

REMOVE EXISTING HORIZONTAL MULLION

REMOVE EXISTING DOOR AND HARDWARE

REMOVE EXISTING THRESHOLD

EXISTING PANEL AND MULLION TO REMAIN

EXISTING SLAB - 4' - 0"

NEW SLAB - 3' - 4"

STAGE - 2' - 1"

REMOVE 8" OF HM JAMBS

1" O.D. PIPE HANDRAIL WITH FORMED BENDS, PAINTED

1 1/2" O.D. PIPE HANDRAIL WITH FORMED BENDS, PAINTED

1/2" O.D. PIPE HANDRAIL WITH FORMED BENDS, PAINTED

1/2" O.D. PIPE HANDRAIL WITH FORMED BENDS, PAINTED

1/2" O.D. PIPE HANDRAIL WITH FORMED BENDS, PAINTED