

ADDENDUM NUMBER FOUR

Date: June 14, 2013

To: All Bidders

From: **Jenkins•Peer Architects**
Charlotte, NC

Re: Catawba County
Sherrills Ford – Terrell Branch Library
JPA Project #: 11SFL900

NOTICE TO BIDDERS:

Bidder is hereby notified that this Addendum shall hereby become a part of the Contract Documents, and shall be attached to the Project Manual for the Project.

The following items are intended to revise and clarify the Drawings and the Project Manual.

The bidder shall see that his Sub-Bidders are in full receipt of the information contained herein.

GENERAL NOTES:

1. This Addendum includes the following groups and subsequent “items” referring to various parts of the Contract Documents.
2. Where an “item” is “Drawing Sheets reissued,” the sheet is replaced in its entirety with the attached sheets.
3. Where an “item” is “Bulletin Drawings enclosed,” the attached bulletin drawing modifies the sheet referenced in that bulletin drawing’s title block.

CORRECTIONS TO PREVIOUS ADDENDA ISSUED: **0**

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS **(2) ITEMS**
-2- Descriptive Change

PROJECT MANUAL:

SPECIFICATION DIVISIONS **(9) ITEMS**
-6- Descriptive Changes
-3- New Sections

DRAWINGS:

(T) TITLE, GENERAL, LIFE-SAFETY DRAWINGS (0) ITEMS

(C) CIVIL, PLANTING, & IRRIGATION DRAWINGS (0) ITEMS

(S) STRUCTURAL DRAWINGS (0) ITEMS

(A) ARCHITECTURAL DRAWINGS (1) ITEMS

-2- Descriptive changes enclosed

(FP) FIRE PROTECTION DRAWINGS (0) ITEMS

(P) PLUMBING DRAWINGS (0) ITEMS

(M) MECHANICAL DRAWINGS (0) ITEMS

(E) ELECTRICAL DRAWINGS (0) ITEMS

MISCELLANEOUS:

MISCELLANEOUS DOCUMENTS (0) ITEMS

END OF TITLE PAGE

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

SUPPLEMENTARY GENERAL CONDITIONS

ARTICLE 3 CONTRACTOR

Paragraph 3.7.1

Revise: “City of Newton water tap fee”
to: “City of Hickory water & sewer tap fee”

BID FORM

Revised and re-issued in its entirety. See attached.

PROJECT MANUAL

1. TABLE OF CONTENTS: DIVISION 11 - EQUIPMENT
Add: 11 52 13 PROJECTION SCREENS
Add: 11 52 16 PROJECTOR MOUNTS
2. SPECIFICATIONS SECTION 01 23 00 ALTERNATES
Revised and re-issued in its entirety. See attached.
3. SPECIFICATIONS SECTION 03 30 00 CAST-IN-PLACE CONCRETE
Part 2 - Products
2.8 Vapor Barrier
Add: e. W.R. Meadows; Perminator 15mil
4. SPECIFICATIONS SECTION 07 25 00 WEATHER BARRIERS
Part 2 – Products
2.2 Fluid-Applied Air Barrier Membrane
Revise: a. Grace Construction Products; Perm-A-Barrier Liquid
to: a. Grace Construction Products; Perm-A-Barrier Liquid VP
Revise: b. Henry Company; Air-Bloc 21
to: b. Henry Company; Air-Bloc 33MR
5. SPECIFICATIONS SECTION 09 21 16 RESILIENT TILE FLOORING
Part 2 – Products
2.1 A. Acceptable Manufacturers
Add: 5. Approved Equal: Forbo Marmoleum MCT with Sustain Adhesive; Color as selected from full line
6. SPECIFICATIONS SECTION 09 65 19 GYPSUM BOARD ASSEMBLIES
Part 1 – General
1.1 Section Includes
Add: H. Exterior Wall Sheathing
7. Add: SPECIFICATIONS SECTION 11 52 13 PROJECTION SCREENS
8. Add: SPECIFICATIONS SECTION 11 52 16 PROJECTOR MOUNTS

9. SPECIFICATIONS SECTION 23 08 31 LARGE DIAMETER FANS

Part 2 – Products

2.1 Manufacturer

Add:

B. MacroAir: Airstar 10 Model No. 10XL1606.

(Note: All references to Big Ass Fans throughout this specification Section shall not be construed to indicate that Big Ass Fans are the only acceptable manufacturer. See also Owner Preferred Alternates in Section 012300)

(A) ARCHITECTURAL DRAWINGS

1. Sheet A2.01 – Reflected Ceiling Plan Legend: Replace “ACOUSTICAL WALL PANELS” with “ACOUSTICAL CEILING PANELS”.
2. Sheet A2.01 – Add the following to General Notes:
 6. All acoustical wall and ceiling panels are to be included in Alternate A-2. See Section 012300.

END OF ADDENDUM NUMBER FOUR

BID FORM

SINGLE PRIME GENERAL CONSTRUCTION CONTRACT

PROJECT IDENTIFICATION: SHERRILLS FORD – TERRELL BRANCH LIBRARY

BID TO: CATAWBA COUNTY

BID FORM:

1. The undersigned BIDDER agrees, if this Bid is accepted, to enter into an agreement with OWNER, in the form included in the Procurement Documents, to perform and furnish the Work as specified or indicated in the Procurement Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - a. This Bid will remain subject to acceptance for 45 days after the day of Bid opening;
 - b. The Owner has the right to reject this Bid;
 - c. BIDDER accepts the provisions of the Instructions to Bidders regarding disposition of Bid Security;
 - d. BIDDER will sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within 15 days after the date of OWNER's Notice of Award;
 - e. BIDDER has examined copies of all the Procurement Documents;
 - f. BIDDER has visited the site and become familiar with the general, local, and site conditions;
 - g. BIDDER is familiar with federal, state, and local laws and regulations;
 - h. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Procurement Documents and additional examinations, investigations, explorations, tests, studies, and data with the Procurement Documents;
 - i. This Bid is genuine and not made in the interest of or on behalf of an undisclosed person, firm, or corporation and is not submitted in conformity with an agreement or rules of a group, association, organization, or corporation; BIDDER has not directly or indirectly induced or solicited another Bidder to submit a false or sham Bid; BIDDER has not solicited or induced a person, firm, or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself an advantage over another BIDDER or over OWNER.
 - j. Bidder has received the following Addenda, receipt of which is hereby acknowledged:

Number: _____ Date: _____ Initials: _____

3. BIDDER will complete the Work in accordance with the Contract Documents for the following price:

TOTAL BASE BID: _____ (\$ _____)
(use words) (use numbers)

ALLOWANCES:

The following Allowances are further defined in Specification Section 01 21 00:

- A. Allowance No. 1: Facing Brick: \$280 per thousand for modular face brick per Section 04 27 31 Reinforced Unit Masonry. The allowance applies only to the size of the unit selected and not special shaped or other special ordered sizes.
- B. Allowance No. 2: Exit sign Fixture Type X. Provide allowance for three (3) in addition to those shown on Lighting Plan, E3.
- C. Allowance No. 3: Undercut poor Soil and reuse on-site: Provide allowance for removal and re-use in non-bearing area of Five Hundred (500) cubic yards as specified in Section 31 20 00.
- D. Allowance No. 4: Imported Structural Soil placement and compaction: Provide allowance for importing to the site and compaction for structural bearing Five Hundred (500) cubic yards as specified in Section 31 20 00.

UNIT PRICES;

The following Unit Prices are further defined in Specification Section 01 22 00:

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE
UP-1	Light Fixture Type X, Exit Sign	Per Sign	\$ _____
UP-2	Unsuitable Soil Removal and Placement	CY	\$ _____
UP-3	Unsuitable Soil Removal off-site and replacment	CY	\$ _____

ALTERNATES:

The following Alternates are further defined in Specification Section 01 23 00:

ITEM NO.	DESCRIPTION (indicate)	ADD or DEDUCT	AMOUNT
A-1	Paving and striping	Add/Deduct	\$ _____
A-2	Acoustic Control	Add/Deduct	\$ _____
A-3	Lobby Display Case	Add/Deduct	\$ _____
A-4	Energy Monitoring System	Add/Deduct	\$ _____
A-5	Condensate Drywells	Add/Deduct	\$ _____
A-6	Site Pole Lighting	Add/Deduct	\$ _____
A-7	Exterior Window Finish	Add/Deduct	\$ _____

OWNER PREFERRED BRAND ALTERNATES:

PA-1	Preferred Door Hardware Keyway	Add/Deduct	\$ _____
PA-2	Preferred Decorative Glazing Film	Add/Deduct	\$ _____
PA-3	Preferred Tile Carpeting	Add/Deduct	\$ _____
PA-4	Preferred Large Diameter Fans	Add/Deduct	\$ _____

4. SUBCONTRACTORS:

List the major subcontractors to perform:

<u>WORK</u>	<u>NAME OF COMPANY</u>	<u>CONTRACT AMOUNT</u>
Masonry:	_____	\$ _____
HVAC:	_____	\$ _____
Plumbing:	_____	\$ _____
Electrical:	_____	\$ _____

5. The undersigned agrees to begin work promptly upon receipt of Notice to Proceed and to pursue the Work with an adequate work force to complete the Work within Three Hundred (300) calendar days from the Notice to Proceed. Liquidated Damages of Five Hundred and 00/100 Dollars (\$500.00) per calendar days are hereby agreed upon as assessment from the Contractor for failure to complete the Work within the time period stated herein.

6. The following documents are attached to and made a condition of this Bid:

- a. Required Bid Security in the form of _____.
- b. Required Minority Participation forms based on this proposal.

SUBMITTED on _____, 2013.

By _____ (SEAL)

(Firm Name)

(Name of Person Authorized to Sign)

Business Address: _____

Phone Number: _____

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Alternate submission procedures.
- B. Documentation of changes to Contract Sum and Contract Time.

1.2 RELATED REQUIREMENTS

- A. Instructions to Bidders and General Conditions of the Contract: Instructions for preparation of pricing for alternates.
- B. Bid Forms: List of alternates on the Bid Form.

1.3 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each alternate

1.4 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of the construction to be completed or in the products, materials, equipment systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.
- B. Owner Preferred Alternate: provide the referenced item by the named manufacturer in lieu of other named manufacturers in the Specification section. If more than one manufacturer is listed in the description of the Owner Preferred Alternate, any of the preferred manufacturers are acceptable. The base bid shall included the cost of the referenced item from any of the manufacturers listed in the Specification section.

1.4 SCHEDULE OF ALTERNATES

ALTERNATES

- A-1 Additional Parking Spaces and Paving – Provide additional paving, curb and gutter, and striping for 14 parking spaces indicated as “Future” on Sheet 1.01, Layout Plan.
- A-2 Acoustic Control – Provide Acoustical Panels at walls and ceilings as specified in Sections 09 84 23 ACOUSTICAL SOUND PANELS, 09 84 33 ACOUSTICAL WALL & CEILING PANELS, and 09 84 35 ACOUSTICAL FLOATER PANELS.
- A-3 Lobby Display Case – Provide display case and associated lighting as noted on A1.01, 6/A8.21, 1/A9.02, 8, 9, 10/A9.11 and sheet E3, (fixture type “Q”)
- A-4 Energy Monitoring System – Provide Entouch Controls Energy Monitoring System per Section 23 09 10 Energy Monitoring. Remote communication and programming capability shall be included in the base bid spec per Section 23 09 00 Automatic Temperature Controls and Instrumentation.
- A-5 Condensate Drywells – Provide four (4) drywells per Sheet M2. Base Bid shall consist of condensate piping turning out of exterior wall at 6” above grade and spilling onto splash block on grade.
- A-6 Site Pole Lighting – Provide parking lot lighting fixtures OB & OC as scheduled on Sheet E1 in the configuration shown on Sheet E6 and as required by the specifications. Wiring and conduit from panel to exterior face of building and coordination with Owner’s contractor providing parking lot lighting shall be included in the base bid.
- A-7 Exterior Window Finish: Provide thermo set polyester finish in accordance with AAMA #2603 at exterior aluminum cladding in lieu of Kynar 500 finish as specified in Section 08 52 13 METAL CLAD WOOD WINDOWS 2.7 B.

PREFERRED BRAND ALTERNATES

- PA-1 Section 08 71 00 – Door Hardware Locksets
Corbin Russwin 59A1 Keyway
- PA-2 Section 08 87 33 – Decorative Glazing Films
Solar Graphics
- PA-3 Section 09 68 13 – Tile Carpeting
Mohawk International (Bigelow)
- PA-4 Section 23 08 31 – Large Diameter Fans
Delta T Corporation, dba Big Ass Fans

PART 2 - PRODUCTS - NOT USED

PART 3 - EXECUTION - NOT USED

END OF SECTION 01 23 00

SECTION 11 52 13 – PROJECTION SCREENS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Front projection screen assemblies.

1.2 RELATED REQUIREMENTS

- A. Section 06 10 00 - Rough Carpentry: Wood blocking in walls and ceilings.
- B. Section 09 21 16 - Gypsum Board Assemblies: Suspended gypsum board ceilings for recessed screens, and openings in gypsum board partitions for fixed and rear projection screens.
- C. Division 26 - Equipment Wiring: Electrical supply, conduit, and wiring for electric motor operated projection screens.

1.3 SUBMITTALS

- A. See Section 01 33 00 Submittal Procedures, for submittal procedures.
- B. Product Data: Manufacturer's catalog cuts and descriptive information on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Indicate dimensions, verified field measurements, mounting details, and interface with adjacent construction.
- D. Samples: For case and frame finishes, submit two 4 inch x 4 inch size, illustrating color and texture of finish.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver projection screens to project site in manufacturer's original unopened packaging. Inspect for damage and size before accepting delivery.
- B. Store in a protected, clean, dry area with temperature maintained above 50 degrees F. Stack according to manufacturer's recommendations.
- C. Acclimate screens to building temperatures for 24 hours prior to installation, or in accordance with manufacturer's recommendations.

PART 2 PRODUCTS

2.1 FRONT PROJECTION SCREENS

- A. Manufacturers:
 - 1. Bretford: www.bretford.com.
 - 2. Da-Lite Screen Company, Model - Tensioned Advantage Electrol: www.da-

lite.com. (Basis of Design)

3. Draper, Inc: www.draperinc.com.
4. Substitutions: See Section 01 60 00 - Product Requirements.

- B. Front Projection Screens: Factory assembled unless otherwise indicated.
 1. Motorized, matte light diffusing fabric screen, horizontally tensioned, ceiling recessed.
 - a. Screen Viewing Area: 78 inches by 139 inches, HDTV format.
- C. Matte Light Diffusing Fabric: Light diffusing screen fabric; washable, flame retardant and mildew resistant.
 1. Material: Matte white vinyl on fiberglass backing, with nominal gain of 1.0 over viewing angle not less than 80 degrees from axis, horizontally and vertically. Provide Da-Mat manufactured by Da-Lite or approved equal.
- D. Masking Borders: Black, four sides.
- E. Extra Drops: Black; 18 inches.
- F. Screen Case: Designed to receive mounting hardware and sized to suit projection screen.
 1. Type 1: Extruded aluminum with heavy gage steel end caps and adjustable steel brackets.
 2. Case Bottom: Self-trimming with built-in flange and equipped with concealed-hinge aluminum door for manual access.
 3. Finish: White powder coated.
- G. Electrically-Operated Screens:
 1. Roller: 2 inch aluminum, with locking device.
 2. Tab Guide Cable Tensioned Screen Material:
 - a. Front projection, flame retardant, mildew resistant vinyl, with black backing and with standard black borders, easily cleaned with mild soap and water solution.
 - b. Include tab and cable guide on each side of fabric to maintain even, lateral tension and hold viewing surface flat.
 - c. Bottom end of fabric to be inserted into a custom aluminum slat bar with added weight to provide vertical tension on the screen surface.
 - d. Slat ends to be protected by heavy-duty plastic caps enclosing a preset adjustable mechanism for screen tensioning.
 - e. Seamless in all sizes.
- H. Screen Mounting: Ceiling recessed and plenum rated type.
 1. Provide mounting hardware, brackets, supports, fasteners, and other mounting accessories required for a complete installation, in accordance with manufacturer's recommendations for specified substrates and mountings.

2.2 ELECTRICAL COMPONENTS

- A. Electrical Components: Listed and classified by UL and ULC as suitable for the purpose specified and indicated.
- B. Type 2: Ceiling Recessed Electrically Operated Projection Screens.
 1. Screen Operation: Electrically operated, retractable, with one rigid metal roller and tab guide cable screen tensioning system.

- C. Motor: Housed inside metal roller and including automatic thermal overload protection, integral gears, capacitor and electric brake to prevent coasting.
 - 1. Type: 3-wire with ground with quick connect male plug-in connector, permanently lubricated, quick reversal type designed for mounting inside roller.
 - 2. Quantity: 1.
 - 3. Voltage, Frequency: 115 V, 60 Hz.
 - 4. Amperage: 2.4 amps maximum.
 - 5. Include preset, adjustable limit switches to automatically stop viewing surface in UP or DOWN position.
- D. Electric Controls: Wall-mounted switch.
 - 1. Voltage, Frequency: 115 V, 60 Hz.
 - 2. Switch: 3 position type with cover plate for UP, DOWN and STOP functions. Provide two switches. Location to be provided by Architect in field after wall framing is complete.
 - 3. Junction Box: Externally attached to screen case.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that substrate is finished and ready to accept screen installation.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Verify that openings for recessed screens are correctly sized.
- D. Verify type and location of electrical connections.
- E. Do not install projection screens until climate control systems are in place and interior painting and other finishes are completed.

3.2 PREPARATION

- A. Coordinate screen installation with installation of projection systems.
- B. Coordinate installation with adjacent construction and fixtures, including trusses, framing, ceilings, walls, lighting, fire suppression, and registers and grilles.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions, using manufacturer's recommended hardware for relevant substrates.
- B. Do not field cut screens.
- C. Install screens in mountings as specified and as indicated on drawings.
- D. Install plumb and level.
- E. Install electrically operated screens ready for connection to power and control systems by others.

F. Adjust projection screens and related hardware in accordance with manufacturer's instructions for proper placement and operation.

G. Test electrical screens for proper working condition. Adjust as needed.

3.4 PROTECTION

A. Protect installed products until completion of project.

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

END OF SECTION 11 52 13

SECTION 11 52 16 – PROJECTOR MOUNTS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Commercial audio-visual equipment mounting systems, including:
 - 1. Projector mounts and accessories.

1.3 RELATED SECTIONS

- A. Section 06 10 54 - Wood Blocking and Curbing: Support for projector mounts.
- B. Section 09 51 00- Acoustical Ceilings.

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's product data for specified mounting systems. Identify:
 - 1. Component details of construction relative to dimensions, materials, and gages.
 - 2. Features and load capacity for each type and method of mounting.
 - 3. Color and finish
 - 4. Available accessories.
- B. Schedule: Submit mounting system schedule. Indicate:
 - 1. Types, quantities, sizes, and installation locations (by room) for each mounting system provided for the project.
 - 2. Type and method of mounting.
- C. Quality Assurance Submittals: Submit the following:
 - 1. Manufacturer's product certificates certifying mounting systems comply with specified performance characteristics and physical requirements.
 - 2. Manufacturer's installation instructions.
 - 3. Installer's qualifications.

1.5 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain specified mounting system components and accessories through one source from a single manufacturer.
- B. Installer Qualifications: An experienced installer, who has completed the mounting system manufacturer's installation safety training program, with experience in the installation of audio-visual mounting systems similar in material, design and extent to that indicated for the Project.
- C. Regulatory Requirements:
 - 1. Underwriters Laboratories Inc. (UL): Provide mounting systems UL tested and listed.
- D. Coordination of Work: Coordinate layout and installation of audio-visual mounting system equipment with other construction supported by, or penetrating through, walls and ceilings, including light fixtures, HVAC equipment, fire suppression system equipment, and partitions.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Deliver products in manufacturer's original, unopened and undamaged containers with identification labels intact.

- B. Store, protect, handle, and install products in accordance with manufacturer's recommendations and instructions to prevent damage, soiling and deterioration.

1.6 WARRANTY

- A. Manufacturer's Warranty: Submit manufacturer's standard limited warranty agreeing to repair or replace mounting system defects in materials and workmanship, under normal use, for a period of five years, commencing on date of Final Acceptance.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers:
 - 1. Chief Manufacturing: www.chiefmfg.com (Basis of Desing)
 - 2. Draper: www.draper.com.
 - 3. Peerless Industries, Inc.: www.peerlessmounts.com.
- B. Substitutions: See Section 01 60 00 - Product Requirements.

2.3 PROJECTOR MOUNTS AND ACCESSORIES – Provide one of each of the following at every location noted to receive “PROJECTOR MOUNTING PLATE.”

- A. Projector Mounting Plate:
 - 1. Model No. RPMAU manufactured by Chief Manufacturing or approved equal.
 - a. Adjustments:
 - 1) Roll: 3 degrees.
 - 2) Pitch: 20 degrees.
 - 3) Yaw: 360 degrees.
 - b. Weight Capacity: 50 lbs.
- B. Mounting Pole:
 - 1. Model No. CMS-006 Series manufactured by Chief Manufacturing or approved equal.
- C. Suspended Ceiling Tile Replacement Kit:
 - 1. Model No. CMS 445 manufactured by Chief Manufacturing or approved equal.
 - a. Overall Dimensions: 1.1 x 23.6 x 23.6 inches.
 - b. Color: White.
 - c. Weight Capacity: 50 lbs.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify substrate surfaces and installation conditions are acceptable for audio-visual equipment mounting system installation in accordance with manufacturer's instructions.

3.3 INSTALLATION

- A. Install audio-visual equipment mounting systems in accordance with the manufacturer's installation instructions and recommended details.
 - 1. Provide fasteners and anchors appropriate to the substrate and as recommended by mounting system manufacturer for the required mounting system.
 - 2. Install mounting systems plumb and level, firmly anchored in locations and at

- heights indicated, ready for installation of the required audio-visual equipment.
- 3. Secure designated components, with tamperproof security type fasteners.
- 4. Clean exposed mounting systems surfaces in accordance with manufacturer's recommendations.

3.3 PROTECTION

- A. Protect installed mounting systems and finishes from damage during construction.

END OF SECTION 11 52 16