Project:

A NEW AG SHOP / HOME ECONOMICS BUILDING & ALTERATIONS TO EXISTING BAND BUILDING FOR FALKVILLE HIGH SCHOOL FOR THE MORGAN COUNTY BOARD OF EDUCATION DECATUR, ALABAMA

MCKEE PROJECT NO. 18-227
ALABAMA BUILDING COMMISSION NO. 2018501

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

A1.1 GENERAL MODIFICATIONS:

A. Refer to the Advertisement for Bids and General Contractor Prequalification, Change as follows:

Sealed proposals will be received only from previously qualified General Contractors by Morgan County Schools located at 235 Highway 67 South, Decatur, Alabama 35603, as follows:

Proposal “A”- McKee Project No. 18-227 New AG Shop / Home Economics Building & Alterations to Existing Band Building for Falkville High School for the Morgan County Board of Education Decatur, Alabama. Sealed proposal will be received until 2:00 p.m., on April 30, 2019, and then read aloud.

Proposal “B”- McKee Project No. 18-237 New Cafeteria Addition to the Union Hill School for the Morgan County Board of Education Decatur, Alabama. Sealed proposal will be received until 2:30 p.m., on April 30, 2019, and held until 3:00 p.m., and then read aloud.

Proposal “C”- Combination Bid of Proposal “A” and Proposal “B” as identified above. Sealed proposal will be received until 3:00 p.m., on April 30, 2019, and then read aloud.

B. Refer to the attached List of Pre-Qualified General Contractors, herein.

C. Refer to the attached Pre-Bid Meeting Sign-In Sheet, herein.

A1.2 SPECIFICATION MODIFICATIONS:

A. See the attached Section 01010, Scope of the Work (Revised 4.16.19), herein.

B. See the attached Section 12304, Laminate Clad Case Work (Revised 4.17.19), herein.

C. The following manufactures are hereby approved subject to the plans and specifications:

Section 08700, Finish Hardware –
1. Continuous Hinges / ABH A240 Series; PH: 630.875.9900
2. Overhead Stops / ABH 9000 & 4410 Series; PH: 630.875.9900
3. Hinges / Stanley, FBB Series; PH: 855.365.2407

Section 08100, Steel Doors and Frames –
1. Steel Doors & Frames / Mesker Door HM Door & Frames; PH: 256.851.6670

Section 08211, Wood Doors –
1. Wood Doors / Oshkosh Wood Doors; PH: 920.233.6161

A1.3 DRAWING MODIFICATIONS:
   A. None

B1.1 CLARIFICATION & RESPONSES
   A. See the following responses to RFI questions received from Contractor’s

   Question:
   Do we leave out concrete under tables as shown on A1.2? S1.1 does not show gravel under tables.
   Answer: Yes

   Question:
   Where does Section 10670, lumber metal shelving go?
   Answer: See “Wood Rack” Dwg. A1.1

   Question:
   No boring report?
   Answer: No.

END OF ADDENDUM ONE
SECTION 01010 - SCOPE OF THE WORK (Revised 4.16.19)

PART 1 – GENERAL

RELATED DOCUMENTS AND GENERAL INFORMATION:

Drawings and general provisions of the Contract including General and Supplementary Conditions and other Division 1 specification sections apply to the work of this section.

SUMMARY:

This Section includes the following:

1. Type of the Contract.
2. Work Under This Contract.
4. Project Work Identification.
5. Owner-furnished products.
7. Contractor Use of premises.
8. Work Under Other Contracts.
13. Protection of Work in Place.
15. Owner's occupancy requirements.

Related Sections include the following:

1. Division 1 Section 01500 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

TYPE OF CONTRACT:

1. Construction Contract (ABC Form C-5, August 2001).

WORK UNDER THIS CONTRACT:

Construction Phasing:

1. Band Building Completion before start of school.
2. Demolition of existing Agriculture shop after completion of New Agriculture Building.
3. Greenhouse construction to start after Demolition of existing Agriculture Shop.
Completion Schedule:

1. The New Band Building is to be completed by August 2, 2019.
2. The New Agriculture Shop shall be completed within 180 calendar days.
3. The Owner reserves 7 working days to move contents from old Agriculture Shop building to New Agriculture Shop building.
4. The remainder of work is to be completed within 45 calendar days.

BUILDING COMMISSION USER FEES:


1. The General Contractor shall include in his Base Bid Proposal all “Permit” and any “Inspection” fees addressed as stated in this memorandum.
2. Do not include the “Plan Review Fee” or the “Contract Administration Fee” in your Proposal.

PROJECT / WORK IDENTIFICATION:

General: Project name is as indicated in the Advertisement For Bids and as shown on the Contract Documents prepared by McKee & Associates, 631 S. Hull Street Montgomery, Alabama 36104.

Contract Documents: Indicate the work of the Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not limited to the following:

1. Existing site conditions and restrictions on use of the site including ingress and egress to the site.
2. Grading operations at the site.
3. The Contractor shall be responsible to secure the site during the execution of the work and provide proof of insurance including but not limited to General Liability, W/C, Auto, Equipment, Etc.

Summary by References: Work of the Contract can be summarized by references to the Contract, General Conditions, Supplementary Conditions, the Project Manual, Technical Specification Sections, Drawings, Addenda and modifications to the Contract Documents issued subsequent to the initial printing of this Project Manual and the Drawings, and including but not necessarily limited to, printed material referenced by any of the above. It is recognized that the Work of the Contract is also unavoidably affected or influenced by governing regulations, natural phenomenon including weather conditions, and other forces outside the contract documents.

OWNER FURNISHED PRODUCTS: NONE
SUPERVISION:

Supervision: The Contractor shall provide adequate supervision of the project to ensure proper supervision for all work.

CONTRACTOR USE OF PREMISES:

General: During the entire cleanup period the Contractor shall have the exclusive use of the premises for cleanup operations, including full use of the site as shown on the Drawings.

Limitations of exclusive use of the site:

a. Confine operations at the site to the areas permitted under the Contract. Portions of the site beyond areas on which work is indicated are not to be disturbed. Conform to applicable rules and regulations affecting the work while engaged in project performance. See site plan for ingress and egress to the site, or if not indicated, same shall be as designated by the Architect.

b. Keep existing public roads, driveways and entrances serving the premises clear and available at all times. Do not use these areas for parking or storage of materials. Remove dirt, mud, debris, etc., from site, sidewalks, streets, and public right-of-way as it occurs.

c. Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage sheds and or designated storage areas as indicated.

d. Lock automotive type vehicles, such as passenger cars and trucks and other mechanized or motorized construction equipment, when parked and unattended, so as to prevent unauthorized use. Do not leave such vehicles or equipment unattended with the motor running or the ignition key in place.

e. The Owner, and their representatives, the Architect and their Consultants, as well as authorities having jurisdiction will require site accessibility for inspections, observations, and perhaps other purposes, related to the planned new construction. All Contractors shall assist in such accessibility, to at least the point of providing and maintaining accessible dry paths to work in progress.

f. Furnish and install by contractor temporary barricades, fencing, etc., as indicated or otherwise required, to restrict pedestrian and vehicular traffic from construction operations, including in part, Owner's staff, the public, students, children, and residents of the adjacent residential neighborhoods.

g. Construction operations shall not affect in any manner, the on-going operations of the Owner, immediately adjacent facilities, adjacent property owners or businesses, or others. Refer to Division 1 Section "Special Conditions" for additional information and requirements regarding coordination with Owner's activities, etc.
h. Construction equipment shall not come in contact with or swing over existing facilities to remain, public areas, occupied buildings, right-of-ways, etc., which are to remain.

i. All contractors and their employees shall limit any discussion of the Work of this project to the Owner's representatives named in the front of this Project Manual, Consultants employed, inspecting authorities with jurisdiction, and the Architect. In no instance shall this project be discussed with others, except as may otherwise be indicated herein.

j. Parking on-site, if any, shall be limited to the "staging areas" indicated on the Drawings, or if not indicated, as mutually agreed between the Architect and Contractor at the Pre-Construction Conference.

k. Smoking or other use of tobacco products shall not be permitted within the structure of the Building, Owner's facilities or on roofs.

l. The use or presence of alcohol and/or other debilitating substances shall not be permitted in the construction of the building and or on the project site.

m. Firearms and/or other weapons shall not be permitted on the project site.

n. The Contractor shall furnish necessary temporary toilets for all work forces on the job site.

PART 2 - SCOPE OF THE WORK:

The Scope of the Work of the Contract is meant to be viewed as a successor to the General Special Conditions of the Contract. Should any discrepancy or ambiguity be noted, the Scope of the Work of the Contract shall apply and the General Special Conditions of the Contract shall defer to Scope of the Work of the Contract Documents. The scope of the work shall be taken in its entirety by all contractors. In signing the contract all contractors have read and understand that the Scope of the Work and the General Special Conditions are taken in their entirety.

The term "Design Consultant" shall be construed to mean "Architect".

The terms "Owner" shall mean "The Morgan County Board of Education".

WORK UNDER OTHER CONTRACTS

General: Cooperate fully with separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying work under this Contract. Coordinate the Work of this Contract with work performed under separate contracts.

Concurrent Work: Owner will award separate contract(s) for the following construction operations at the Project site. Those operations will be conducted simultaneously with work under this Contract.

1. Work done by others or by Owner.
a. Any items noted N.I.C.
b. Construction Testing as defined in Section 01400 Quality Requirements.

BUILDING AND SITE CONSTRUCTION:

1. The Contractor shall maintain the entire site, provide dust control and keep the streets clean at all times and or as directed by the Architect. The Contractor shall call for and be responsible for the locating of all utilities prior to start of work. Use extreme care when working in close proximity to the existing water lines to prevent movement and damage to the water lines.

2. The Contractor shall install and or replace all fencing including furnish and install all temporary fencing as required for all work including safety barriers, signs, traffic directional signals, temporary stripping, flagman, temporary road plates and any temporary roads around any obstruction and or work being constructed. The Contractor shall make all provisions to keep the public and or temporary access roads open during the duration of the work.

3. The Contractor shall maintain & level, all temporary roads and temporary lay down and storage areas using same stone base material. Roads must have no potholes, dips, or rises and provide access to and from the site and other locations on site. The Contractor shall maintain the temporary roads used to move material on the site. Temporary roads are existing and the Contractor shall maintain these temporary roads throughout the duration of construction activity while Contractor is onsite.

GENERAL ISSUES:

1. The Contractor shall be responsible for their own on-site safety requirements within the site per OSHA regulations.

2. Only an approved company owned and insured vehicle shall be allowed on to the construction site. Vehicles shall be clearly marked and identified with the company logo and or name.

TEMPORARY ELECTRICAL POWER AND JOBSITE UTILITIES:

1. The Contractor is responsible for the all costs associated with temporary electrical requirements for performance of the work. The Contractor shall be responsible for the all costs associated with temporary water required for the performance of the work. The Contractor is responsible for all other utility costs as required for the performance of the work.

SITE SECURITY / INSURANCE REQUIREMENTS:

1. The Contractor shall have care custody and control of the site. Contractor shall be responsible for the replacement of their material, equipment and any loss of such.
Contractor shall be responsible for securing all material and equipment. If there is a loss and or damage of material and equipment, that loss shall go against the Contractor's insurance coverage.

PROTECTION OF WORK IN PLACE:

1. The Contractor shall protect all completed work and any rework shall be the responsibility of the contractor at no additional cost to the owner.

WORK RESTRICTIONS

Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:

1. Notify Architect and Owner not less than two days in advance of the proposed utility interruptions.

2. Do not proceed with utility interruptions without Architect's and Owner's written permission.

Nonsmoking Building: Smoking and smokeless tobacco will not be permitted within the new construction after floor slabs are poured.

OWNER'S OCCUPANCY REQUIREMENTS

Owner Occupancy: Owner will occupy adjacent parking lots during entire construction period. Cooperate with Owner during construction operations adjacent to or near the existing building and parking to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits, unless otherwise indicated.

Maintain access to existing walkways and other adjacent occupied or used facilities. Do not close or obstruct walkways or other occupied or used facilities without written permission from Owner and authorities having jurisdiction. Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.

Owner Occupancy of Completed Areas of Construction: Owner reserves the right to place and install equipment in completed areas of building, before Substantial Completion, provided such does not interfere with completion of the Work. Such placement of equipment shall not constitute acceptance of the total Work.

SPECIFICATION FORMATS AND CONVENTIONS

Specification Format: The Specifications are organized into Divisions and Sections using the 16-division format numbering system.
1. **Section Identification**: The Specifications use Section numbers and titles to help cross-referencing in the Contract Documents. Sections in the Project Manual are in numeric sequence; however, the sequence is incomplete because all available Section numbers are not used. Consult the table of contents at the beginning of the Project Manual to determine numbers and names of Sections in the Contract Documents.

**Specification Content**: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:

1. **Abbreviated Language**: Language used in the Specifications another Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.

2. Imperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by Contractor. Occasionally, the indicative or subjunctive mood may be used in the Section Text for clarity to describe responsibilities that must be fulfilled indirectly by Contractor or by others when so noted.
   a. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

**END OF SECTION**
SECTION 12304 - LAMINATE CLAD CASEWORK (Revised 4.17.19)

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of the contract including General and Supplementary Conditions and Division 1 Specification Sections apply to work of this section.

WORK INCLUDED:

The extent of laminate clad casework as shown on the drawings.

The work includes the fabrication and installation of laminate clad casework components of base cabinets, wall cabinets, tall cabinets, shelf units, related countertops and other units as indicated.

RELATED WORK SPECIFIED ELSEWHERE:

Sinks and Service Fixtures: Furnished and installed under Mechanical and Electrical Divisions 15 and 16.

Base Molding: Furnished and installed under Finishes Division 9.

QUALITY ASSURANCE:

Provide laminate clad casework and countertops furnished by the same supplier for single responsibility and integration with other building trades.

Manufacturers shall show evidence of at least five (5) years experience and installations for similar types of projects.

Millwork must conform to design quality of materials, workmanship and function of casework specified and shown on drawings.

SUBMITTALS:

Product Data: In addition to the general conditions as relates to prior approvals, submittals of manufacturer's data, installation instructions and samples are required upon architect's request.

Samples:

1. Submit 2, 2" x 3" samples of casework manufacturer's standard decorative laminate colors, patterns and textures for exposed and semi-exposed materials for architect's selection.
2. Samples will be reviewed by architect for color, texture, and pattern only. Compliance with other specified requirements is the exclusive responsibility of the contractor.
3. Submit one full-size sample base cabinet unit with hardware, doors and drawers, without countertop.
4. Submit one full-size sample wall cabinet unit complete with hardware, doors, and adjustable shelves.
5. Acceptable sample units will be used for comparison inspections at the project. Unless otherwise directed, acceptable sample units may be incorporated in the work. Notify architect of their exact locations. If not incorporated in the work, retain acceptable sample units in the building until completion and acceptance of the work.
6. Remove sample units from the premises when directed by the architect.

**Shop Drawings:**

1. Submit shop drawings for laminate clad casework and counter-tops showing layout, elevations, ends, cross-sections, service run spaces, and location of services. Show details and location of anchorages.
2. Include layout of units with relation to surrounding walls, doors, windows, and other building components.
3. Coordinate shop drawings with other work involved.

**PRODUCT HANDLING:**

Deliver laminate clad casework and countertops only after wet operations in building are completed.

Store completed laminate clad casework and countertops in a ventilated place, protected from the weather, with relative humidity range of 20% to 50%.

Protect finished surfaces from soiling and damage during handling and installation. Keep covered with a protective covering.

**JOB CONDITIONS:**

**Humidity and Temperature Controls:**

1. Advise contractor of requirements for maintaining heating, cooling and ventilation in installation areas as required to reach relative humidity necessary to maintain optimum moisture content.

**WARRANTY:**

All materials and workmanship covered by the section will carry a one (1) year warranty from date of acceptance.

**PART 2 - PRODUCTS**

**Manufacturers:** The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:

1. TMI Systems - Dickson, N.D.
2. Case Systems- Midland, MI.
3. L.S.I.
4. Stevens Industries - Teutopolis, IL.
5. Cabinets By Design

MATERIALS:

Definitions: Identification of casework parts by surface visibility.

1. Unit Body Open Interiors: Any storage unit surface without solid door or drawer fronts and units with glass sliding or glass framed doors.
2. Unit Body Closed Interiors: Any storage unit surface behind solid door or drawer fronts.
3. Unit Body Exposed Side: Any storage unit exterior side surface is visible.
4. Concealed Surfaces: Any surface not normally visible after installation.

CORE MATERIALS:

Particleboard: Minimum density 45 lb. western particleboard of fir or pine meeting or exceeding ANSI A 208 1-1979, 1-M-3 requirements. Thickness used are 1/4", 1/2", 3/4" and 1". (Thickness of particleboard excluding skins).

Hardboard: Prefinished hardboard in 1/4" thickness meeting or exceeding commercial standards CS-251.

Plywood: Shall be 9-ply hardwood plywood.

DECORATIVE LAMINATES:

High pressure decorative laminate GP50 (.050), NEMA Test LD-3 - 1985.
High pressure decorative laminate GP38 (.038), NEMA Test LD-3 - 1985.
High pressure decorative laminate GP28 (.028), NEMA Test LD-3 - 1985. Laminate shall be counter balanced.
High pressure decorative laminate PF42 (.042), NEMA Test LD-3 - 1985.
High pressure decorative laminate PF30 (.030), NEMA Test LD-3 - 1985

High Pressure cabinet liner CL20 (.020), NEMA Test LD-3 - 1985.
Laminate shall be counter balanced.

Melamine laminate tested to meet NEMA Test LD-3 - 1985. Laminate shall be counter balanced.

High pressure backer BK20 (.020). Laminate shall be counter balanced.

Laminate Color Selection(s):

Colors for countertop grades GP50, GP38, PF42 and PF30 shall be selected from Wilsonart's standard solid and pattern offering. A maximum of five (5) colors per project.

Colors for cabinet surfaces grade GP28 shall be selected from Wilsonart's color quest series. A maximum of one (1) color to be selected per unit face and five (5) colors per project.

Melamine colors shall be light beige or dove grey. One color only per project.
**Colors:** To be selected by architect during submittal phase of project.

**PLASTIC EDGING:**

1mm PVC hot melt glue applied.

3mm PVC hot melt glue applied.

**METAL PARTS:**

Countertop support brackets, legs and miscellaneous metal parts shall be furniture steel, welded, degreased, cleaned, treated and powder painted in light beige, sienna brown, dove grey or black colors.

**CABINETS HARDWARE:**

**Hinges:** Shall be five knuckle, 2-3/4 inch, overlay type, hospital tip, .095 inch thick steel. Hinges shall have a minimum of eight (8) edge and leaf fastenings. Doors 48 inches and over in height shall have three (3) hinges per door. Available in light beige, sienna brown, dove grey, black colors, or brushed chrome finish. Magnetic door catches are required with this hinge and shall be magnetic type with a minimum ten (10) pound pull, attached with screws and slotted for adjustment.

**Pulls:** Door and drawer fronts shall be a semi-flush ABS plastic recessed and fastened with glue and screws. Available in light beige, sienna brown, dove grey or black colors.

**Drawer Slides:** Shall be Blum bottom mount style No. BS 230E with epoxy finish. Slides will have a 100 pound load rating at full extension and a built-in, positive stop both directions. Slides shall have a life time warranty as offered by the slide manufacturer.

**Adjustable Shelf Supports:** Shall be heavy-duty to support two hundred (200) pounds, self-locking nylon, to fit 32mm pre-drilled holes in cabinet ends and vertical partitions. The self supports shall have two (2) pins 5mm in diameter, to prevent the shelf support from rotating and tipping. Available for 3/4 inch or 1 inch thick shelves.

**Locks:**

For doors and drawers as shown on drawings shall be National Lock #M4-7054C, removable core, disc tumbler, cam style lock with strike. Each lock shall be furnished with two (2) keys.

Locks for sliding 3/4" doors shall be disc type plunger lock, sliding door type with strike locks for sliding glass doors shall be a rachet type sliding showcase lock. Install locks on all teacher’s cabinets.

Chain bolts shall be 3 inches long, shall have a 18 inch pull and an angle strike to secure inactive door on cabinets over 72 inches in height. Elbow catches shall be used on inactive doors up to and including 72 inches in height.

**Coat Rods:** Shall be 1-1/4 inch, 14 gauge chrome plated steel.

**Mirrors:** Shall be 1/4 inch thick polished mirror plate.
**Computer Grommets:** Shall be 2 ½ inch dia. plastic insert and cover to be located at each computer station.

**FABRICATION:**

Fabricate laminate clad casework to dimensions, profiles and details shown.

**Cabinet Joinery:** Tops and bottoms shall be joined to cabinet ends using a minimum of six (6) dowels at each joint for twenty-four (24) inch deep cabinets and a minimum of four (4) dowels at each joint for twelve (12) inch deep cabinets. All dowels are to be industrial grade hardwood laterally fluted, with chamfered ends and a minimum diameter of ten (10) millimeters. Internal cabinet components such as fixed horizontals, rails and verticals are to be doweled in place. Dowels are to be securely glued and cabinets clamped under pressure during assembly to assure secure joints and cabinets and squareness.

**Unit Door and Drawer Fronts:**

1. Shall be 3/4 inch thick particleboard and laminate with high pressure decorative laminate GP28 color as selected on the exposed surface and high pressure laminate cabinet liner CL20 on the interior surface light beige or dove grey color.
2. All edges shall be finished with 3mm PVC in light beige, sienna brown, dove grey or black color.
3. Framed glass insert doors shall be 1/4 inch thick plate glass trimmed with extruded PVC plastic in light beige, sienna brown, dove grey or black color only.
4. Double doors shall be used on all cabinets in excess of 24 inches in width.

**Unit Body Open Interiors:**

1. Exposed cabinet sides shall be 3/4 inch thick particleboard laminated on the exterior with high pressure decorative laminate GP28 in color as selected and balanced with high pressure cabinet liner CL20 in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
2. Unexposed cabinet sides shall be 3/4 inch thick particleboard laminated both sides with melamine in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
3. Unit top or subtop shall be 3/4 inch thick particleboard laminated both sides with melamine and front edge with 1mm PVC to match the door and drawer front edge color. All subtops shall be full depth.
4. Bottom of base and wardrobe units shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color.
5. Fixed intermediates shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. An inter- mediate will be provided on all units over 36 inches wide.
6. Standard unit backs shall be 1/2 inch thick prefinished particleboard. Color to match interior. Exposed back on fixed or movable cabinet to be 3/4 inch thick particleboard laminated with CL20 on the interior to match melamine color and GP28 on the exterior as selected.
7. Adjustable shelves shall be 3/4 inch thick particleboard up to 30 inches wide and 1 inch thick particleboard over 30 inches wide, laminated both sides with melamine in light beige or dove grey color.
8. Shelves shall be edged front edge only with 1mm PVC to match the self color.

Unit Body Closed Interiors:

1. Exposed cabinet sides shall be 3/4 inch thick particleboard laminated on the exterior with high pressure decorative laminate GP28 in color as selected and balanced with high pressure cabinet liner CL20 in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
2. Unexposed cabinet sides shall be 3/4 inch thick particleboard laminated both sides with melamine in light beige or dove grey color. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color.
3. Unit top or subtop shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. All sub-tops shall be full depth. Sink base units shall have a 1 inch x 1 inch x 1/8 inch angle iron rail in lieu of full sub-top.
4. Bottom of base and wardrobe units shall be 3/4 inch thick particleboard laminated both sides with melamine and front edges with 1mm PVC to match the door and drawer front edge color. Sink cabinet bottoms shall be laminated both sides with CL20.
5. Fixed intermediates shall be 3/4 inch thick particleboard laminated both sides with melamine and front edged with 1mm PVC to match the door and drawer front edge color. An intermediate will be provided on all units over 36 inches wide.
6. Standard unit backs shall be 1/2 inch thick prefinished particleboard. Color to match interior. Exposed back on fixed or movable cabinet to be 3/4 inch thick particleboard laminated with CL20 on the interior to match melamine color and GP28 on the exterior as selected.
7. Adjustable shelves shall be 3/4 inch thick particleboard up to 30 inches wide and 1 inch thick particleboard over 30 inches wide, laminated both sides with melamine in light beige or dove grey color.
8. Shelves shall be edged front edge only with 1mm PVC to match the self color.

Wall Unit Bottom:

1. For units with open interiors shall be 3/4 inch thick particleboard laminated both sides with melamine laminate in light beige or dove grey color.
2. For units with closed interiors shall be 3/4 inch thick particleboard laminated both sides with melamine laminate in light beige or dove grey color.
3. The front edge shall be edgebanded with 1mm PVC to match the door and drawer front edge color. The exposed bottom edge of each wall cabinet side shall be edgebanded with 1mm PVC.

Drawers:

1. Sides, back and sub-front shall be particleboard, 1/2 inch thick, laminated with melamine in light beige or dove grey color. The back and sub-front are dowelled and glued into sides. Dowels shall be fluted, with chamfered ends and a minimum diameter of eight (8) millimeters. To edge is banded with 1mm PVC edging in a matching color.
2. Drawer bottom shall be 1/2 inch thick prefinished particleboard with color to be light beige or dove grey, screwed directly to the bottom edges of the drawer box.
3. Paper storage drawers are of heavy-duty 3/4 inch particle-board laminated both sides with melamine color to be light beige or dove grey, and constructed with retaining hood at the rear of each drawer.

**Continuous or Unit Tops:** All cabinets over 42" and up to 72" in height shall be supplied where shown with a finished 1" continuous top laminated with high pressure decorative laminate GP28 and balanced with high pressure backer BK20.

**Bases:** All base and tall units shall have an integral base. Rubber vinyl base covering will be furnished and applied by others.

**Specialty Products:**

1. **Instrument Storage Cabinets:**

   a. Instrument Cabinets shown on Drawings are Schematic. Cabinets must be in a configuration to store the following Instruments at a minimum:

   1) Flute (Qty: 15)
   2) Clarinet (Qty: 15)
   3) Trumpet (Qty: 15)
   4) Alto Sax (Qty: 8)
   5) Bass Clarinet (Qty: 2)
   6) Contra Bass Clarinet (Qty: 1)
   7) Tenor Sax (Qty: 3)
   8) Bari Sax (Qty: 2)
   9) French Horn (Qty: 3)
   10) Mellophone (Qty: 3)
   11) Sousaphone (Qty: 2)
   12) Tuba 4/4 (Qty: 3)
   13) Tuba 3/4 (Qty: 2)
   14) Trombone (Qty: 15)
   15) Concert Baritone (Qty: 4)
   16) Marching Baritone (Qty: 3)
   17) Marching Snare (Qty: 2)
   18) Marching Bass Drum (Qty: 4)
   19) Tenor Drums (Qty: 1)
   20) Crash Cymbals (Qty: 1)
   21) Concert Snare/Stand (Qty: 4)
   22) Concert Bass Drum (Qty: 1)
   23) Xylophone (Qty: 1)
   24) Bongos (Qty: 1)
   25) Cymbals/Stands (Qty: 4)
   26) Mark Tree (Qty: 1)

   b. **Shelves:**

   1) Heavy-duty shelves shall be 3/4” Thick M-3 engineered board core with waterfall-nosed front edge and .625” wide x .25” deep grooves from the front edge to within 1” of the back of each shelf spaced at 2.75” oc. Shelves are coated with a
.0625” thick coating of a 2 part polyurethane/polyurea elastomer. Bottom side of each shelf is to have cabinet liner to match the interior color of the cabinets.

2) Front edge of shelves and cabinet end panels shall be high impact radiused 3mm PVC edge.

c.  Doors:

1) Grille doors shall be powder coated with a platinum finish and shall be attached to cabinet with welded-in hinges and shall have positive self-latching individual lock hasps with built-in number plates screwed to cabinet sides in PC Chrome.

d.  Instrument Cabinet Interior Surfaces shall match Standard Interior.

DECORATIVE LAMINATE COUNTERTOPS:

General:  Provide materials which have been selected for surface flatness and smoothness. Exposed surfaces which exhibit pitting, seam marks, roller marks, stains, discolorations, telegraphing of core material, or other imperfections on finished units are not acceptable. Adhesives or fasteners to be provided for securing of tops to cabinet work. Such materials to allow for contraction or expansion of tops where necessary.

Tops shall be 1” thick unless otherwise specified and provided with 4” high curbs where tops abut walls, columns, case ends, etc.

Backsplashes and Side-plashes shall be provided as indicated on drawings.

Types:

1. Plastic laminate counter tops shall be surfaced with general purpose horizontal grade laminate. Cores shall be 1-1/8” built up wood front edge; #45 density particleboard. All exposed edges, including back and end splashes, must be covered with the same laminate as top surfaces. When splice joints are required, they shall be joined with dowel pins and tite-joint fasteners as needed for a gapless joint.

Plastic Laminate Type:  Fire-rated type, 0.050” thick; UL tested and labeled ratings of 25 for flame spread, 25 for fuel contributed and l00 for smoke developed when bonded to wood particle board.

Preparations for Finishing:  Comply with AWI Quality Standards, Section l500, for sanding, filling countersunk fasteners, backpriming and similar preparations for finishing of architectural woodwork, as applicable to each unit of work.

PART 3 - EXECUTION

INSPECTION:

The installer must examine the jobsite and the conditions under which the work under this section is to be performed, and notify the contractor in writing of unsatisfactory conditions. Do
not proceed with work under this section until unsatisfactory conditions have been corrected in a manner acceptable to the installer.

**PREPARATION:**

Conditions laminate clad casework to average prevailing humidity conditions in installation areas prior to installing.

**INSTALLATION:**

Install casework with factory-trained supervision authorized by manufacturer. Erect casework, plumb, level, true and straight with no distortions. Shim as required. Where laminate clad casework abuts other finished work, scribe and cut to accurate fit.

Adjust casework and hardware so that doors and drawers operate smoothly without warp or bind. Lubricate operating hardware as recommended by Manufacturer.

**CLEANING AND PROTECTION:**

Repair or remove and replace defective work as directed upon completion of installation.

Clean plastic surfaces, repair minor damage per plastic laminate manufacturer's recommendations. Replace other damaged parts or units.

Advise contractors of procedures and precautions for protection of casework and tops from damage by other trades until acceptance of the work by the Owner.

**END OF SECTION**
UNION HILL SCHOOL KITCHEN & CAFETERIA ADDITION
and
FALKVILLE HIGH SCHOOL CAREER TECH ADDITION &
BAND ROOM RENOVATIONS

Pre-Qualified General Contractors
*(This revised list is based upon attendance at the mandatory pre-bid conference)*

- Building Construction Associates, Inc.
- Boyett Construction Company, Inc.
- Consolidated Construction Company of Alabama
- Dunlap Contracting, Inc.
- Lee Builders, Inc.
- Limestone Building Group, LLC
# UNION HILL SCHOOL KITCHEN & CAFETERIA ADDITION

and

# FALKVILLE HIGH SCHOOL CAREER TECH ADDITION & BAND ROOM RENOVATIONS

**DATE:** 04/10/19  
**LOCATION:** Morgan County Schools’ Board Room (235 Highway 67 South, Decatur, Alabama 35603)  
**TIME:** 10:00 a.m.

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Contact Number</th>
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<tbody>
<tr>
<td>1. Kevin Humphries</td>
<td>MCBOE</td>
<td>256-309-2106</td>
</tr>
<tr>
<td>2. Shane Bagwell</td>
<td>Volkert</td>
<td>205 915 4298</td>
</tr>
<tr>
<td>3. Scott McKee</td>
<td>McKee</td>
<td>334 546 6488</td>
</tr>
<tr>
<td>4. John Hitt</td>
<td>Volkert</td>
<td>256-476-6826</td>
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<tr>
<td>5. Wyatt Montgomery</td>
<td>Limestone Bld Group</td>
<td>256-278-9314</td>
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<tr>
<td>6. Jessica Hughes</td>
<td>Limestone Bld Group</td>
<td>256-200-5085</td>
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<tr>
<td>7. Michael Boyett</td>
<td>Boyett Const</td>
<td>256-971-6750</td>
</tr>
<tr>
<td>8. Gil Key</td>
<td>REED</td>
<td>256 690 2112</td>
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<tr>
<td>10. Phil Horne</td>
<td>DCI</td>
<td>256-541-7011</td>
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<tr>
<td>11. Billy Dunlap</td>
<td>DCI</td>
<td>256-337-1134</td>
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<tr>
<td>12. Dustin Downey</td>
<td>DCI</td>
<td>(256) 990-1338</td>
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<tr>
<td>13. Darrell Sims</td>
<td>BCA</td>
<td>256-351-2322</td>
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