

# ADDENDUM 01

**Project Name:** EWC Tiger Landing Student Housing

**ENB Project No.** 18023

**Issue Date:** September 12, 2019

## THE PURPOSE OF THIS ADDEDUM IS TO:

### GENERAL

1. For your bid to be considered complete, please be sure that all the following items are included with your bid:
  - Executed Bid Form (Revised Bid Form attached in this addendum);
  - Bid Security (5% of bid amount) on AIA Document A312-2010 Bid Bond;
  - Contractors Qualification Statement on AIA Document A305-1986;
  - JSEB Form indicating 15% participation. Appendix H of Specification Section 006000;
  - List of three (3) similar projects per Specification Section 001113 – 1.8 B. Include this information on the AIA Document A305-1986;
  - Statement of Confirmation that Bonding Capacity exceeds \$10,000;
  - Submittal statement on pages 4 and 5 of Specification Section 002113.
2. Enclosed is a copy of the attendance list from the mandatory pre-bid meeting.
3. Fire Protection: The base bid includes installing an NFPA 13R system in all four wings.
4. The last day to submit requests for information is close of business on Monday, September 16.
5. The bid date remains Thursday, September 19, 2019.

### REQUESTS FOR INFORMATION

1. Outside of the project description and the few notes on the drawings, do you have a more in-depth outline of the base bid vs. the alternates and the phasing? The bid form shows a document 004323 “Alternates Form” but I do not see this form included in the specs. Some of my subs and myself are having confusions with the alternate and phasing plans. We want to make sure we have everything picked up in the correct section. There could be a section in the specs or on the drawings I have missed, please let me know.
  - a. Response: See enclosed Section 004323 Alternates Form. The base bid scope of work for the north wing is for a partial renovation of fourteen (14) dormitory units to generally include, but not be limited to, removal of the existing textured ceiling finish and installation of new textured ceiling finish, floor finish, wall base, wall paint, kitchen cabinets and countertop, fire extinguisher, toilet accessories, water heater closet, gypsum board soffit, kitchen sink, water heater, water closet, light fixtures, ceiling fans, and NFPA 13R fire sprinkler system. Exterior work includes concrete stair repairs, new guardrails and handrails, new concrete stair landings, a complete removal of the existing built-up roof system and lightweight concrete substrate and replacement with new TPO

roof system over tapered rigid board insulation, new exterior windows, exterior painting, existing stair concrete repairs. Refer to sheets AD5.2, A2.6, A5.5, A5.11, P3.11, and E3.5 of the Drawings for the base bid work, including all other drawing sheets referenced on these drawings.

2. Can you provide a spec for the acoustical panels shown on A5.8?
  - a. Response: See enclosed Section 098410 – Acoustical Panels and Finishes.
3. Key notes on page AD5.1 do not all match up (i.e. notes 5,6,7). Can this page be revised?
  - a. Response: See enclosed sheet AD5.1 Rev. 1 09/12/19
4. A9.1 room finish general note (A) shows to refer to sheet 9.2 which is not included. Please advise:
  - a. Response: Disregard this general note. It will not be applicable during the bid phase.
5. A3.2 Shows the Nichiha system on the courtyard side of the North Wing (South Elevation) but states that its showing Add. Alt. #1. Will the base bid include the Nichiha system for the North Wing?
  - a. Response: All labor and materials associated with the composite wall panel system shown on sheets A3.2, A3.3 and A3.4 of the drawings shall be included in Add Alternate No. 2 and shall include the work on all four building wings (i.e. north, east, south, west).
6. Will the North Wing units get new window shaker units in the base bid or re-use existing shaker units?
  - a. Response: The existing window shaker units shall remain.
7. AD5.1 seems like the numbering of the notes is mislabeled can we have this fixed in an addendum?
  - a. Response: See enclosed sheet AD5.1 Rev 1. 09/12/19
8. What is the model number for the top-freezer fridges that are to be furnished and installed by the contractor?
  - a. Response: The Top-freezer refrigerators shall be G.E. model GPE12FSKSB. The top-freezer refrigerators shall be included in Add Alternate No. 03.
9. Are Pella Vinyl windows an acceptable substitute for the specified Jeld Wen windows?
  - a. Response: Pella vinyl windows are acceptable.
10. The drawings show the vinyl windows to be single hung but the spec states they are double hung. Can you clarify?
  - a. Response: Provide single hung vinyl windows.
11. S2.2 Detail A1 – I cannot find this instance anywhere on the drawings, please advise where this situation occurs.
  - a. Response: This detail is for the infill of the triangular-shaped plumbing chase penetration located in the 2<sup>nd</sup> floor deck in every unit. See sheet AD5.1 for location of plumbing chase and key note #13.
12. Section 001113: The Advertisement for Bid states that the location for turning in the bid will be determined later through an addendum. Please provide.

- a. Response: The location for turning in your bid and for the bid opening will be 1401 Grunthal St., Jacksonville, FL 32209 and it will be open at 1:30PM.
13. Section 002113: Please clarify if the Submittal Statement form is to be turned in with the bid? The submittal statement is referenced to be filled out under the "protest" section of the specs so it is unclear.
  - a. Response: Submit the Submittal Statement with the bid.
14. Section 004113: The Bid Form, under section 1.7 Bid Supplements, lists item number 1 - Alternates. This document was not found in the specifications. Please provide.
  - a. Response: See enclosed Section 004323 Alternates Form.
15. Section 004371: Please confirm that the Proposed Schedule of Value forms (AIA G702-1992 and G703-1992) are to be filled out post-bid after award. The spec section says these forms are to be "attached to bid" but it seems unusual to require these pre-award for a hard bid.
  - a. Response: The Schedule of Values form will not be required until after the project has been awarded.
16. Section 006000 & 006100.5: Please clarify how we display the Jacksonville Small Emerging Business (JSEB) info on the Bid Form? There does not seem to be a JSEB % of work line item on the Bid Form to show how much we used. Spec section 006000 lists the JSEB forms (006100.5) but the description makes them sound like they are for post-bid/during construction use.
  - a. Response: Use the Appendix H form included in Section 006000. On the form, list the following for each JSEB. After all JSEB's have been listed, please include a line indicating the Total Contact Value for all JSEB's and indicate the participation percentage in parenthesis after the contract value.
    1. Name of Sub Firm.
    2. Address of Sub Firm,
    3. Type of Sub.
    4. Verify that Sub is certified.
    5. Type of Work to be Performed.
    6. Contact Value for Sub.
17. Just to be clear the existing ceiling finish will be removed, and the existing ceiling is to be reused and refinished or will it be totally removed and all new ceilings installed throughout?
  - a. Response: Under the base bid, the existing textured ceiling finish shall be removed from the underside of the existing exposed precast hollow core planks in all wings (i.e. north, east, south, west) and new gypsum board ceilings with textured finish shall be installed over metal hat channel furring to the underside of the existing precast hollow core planks in the east, south and west wings. In the north wing, a new textured ceiling finish shall be applied to the existing precast hollow core planks. Under Add Alternate No. 1, the north wing shall receive new gypsum board ceilings as indicated above.
18. I have noticed we have 2 different specs referring to the cabinets, one spec in Division 6 Plastic-Laminated-Faced Architectural Cabinets (Section 064116) and Division 12 Residential Casework (Section 123530). It states the cabinets must be from within 500miles of the job site so I'm assuming to use Division 6 Specification because the Advanta Cabinets listed in Division 12 no one local carries as they are made in Texas. Please advise.

- a. Response: Division 12 should be for the residential casework located in the units (i.e. kitchen and vanity cabinets). Division 6 should be used for any non-residential cabinets such as the support panels for the countertop in Laundry 104 shown in detail 10 on sheet A6.1, and possibly the accessible vanity located in Restroom 102 if the residential casework manufacturer doesn't offer a model that will not meet the requirements indicated in details 7 & 8 on sheet A6.1.

**REVISE THE DRAWINGS:**

1. AD5.1 Rev. 1: The drawing has been revised to correct the key notes.
2. FP1.0 & FP1.2: Both drawings indicate that the north wing is an alternate and keynote 3 indicates that if alternate is not accepted, then a means for future connection shall be provided. This is incorrect; an NFPA 13R system will be required in the north wing and must be included in the base bid.

**REVISE THE SPECIFICATIONS:**

1. Section 004323 Alternates Form has been added to the project specifications.
2. Section 098410 Acoustical Panels and Finishes has been added to the project specifications.

**ENCLOSURES:**

- 18023 Attendance List\_Prebid Meeting 08-27-19.pdf
- 18023 AD5.1 Rev 1 09-12-19.pdf
- 18023 – SPEC 004323 – ALTERNATES FORM.pdf
- 18023 – SPEC 098410 – ACOUSTICAL PANELS AND FINISHES.pdf



DOCUMENT 004323 - ALTERNATES FORM

1.1 BID INFORMATION

- A. Bidder: \_\_\_\_\_.
- B. Project Name: Edward Waters College Tiger Landing Student Housing.
- C. Project Location: 1780 Pearce Street, Jacksonville, Florida 32209.
- D. Owner: Edward Waters College.
- E. Architect: Ebert Norman Brady Architects.
- F. Architect Project Number: 18023.

1.2 BID FORM SUPPLEMENT

- A. This form is required to be attached to the Bid Form.

1.3 DESCRIPTION

- A. The undersigned Bidder proposes the amount below be added to or deducted from the Base Bid if particular alternates are accepted by Owner. Amounts listed for each alternate include costs of related coordination, modification, or adjustment.
- B. If the alternate does not affect the Contract Sum, the Bidder shall indicate "NO CHANGE."
- C. If the alternate does not affect the Work of this Contract, the Bidder shall indicate "NOT APPLICABLE."
- D. The Bidder shall be responsible for determining from the Contract Documents the affects of each alternate on the Contract Time and the Contract Sum.
- E. Owner reserves the right to accept or reject any alternate, in any order, and to award or amend the Contract accordingly within 60 days of the Notice of Award unless otherwise indicated in the Contract Documents.
- F. Acceptance or non-acceptance of any alternates by the Owner shall have no affect on the Contract Time unless the "Schedule of Alternates" Article below provides a formatted space for the adjustment of the Contract Time.

1.4 SCHEDULE OF ALTERNATES

- A. **Add Alternate No. 01: North Wing:** The scope of work includes a complete renovation of the north wing to match the renovation work in east, south and west wings.

1. \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

- B. **Add Alternate No. 02 - Composite Wall Panel Façade:** The scope of work includes installing a new decorative composite wall panel façade over the existing concrete masonry unit walls at the courtyard entrances to all dormitory units. Refer to sheets A3.2, A3.3 and A3.4 of the Drawings.

1. \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

- C. **Add Alternate No. 03 - Top-Freezer Refrigerators:** Provide GE Model GPE12FSKSB.

1. \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

1.5 SUBMISSION OF BID SUPPLEMENT

- A. Respectfully submitted this \_\_\_\_ day of \_\_\_\_\_, 2019.
- B. Submitted By: \_\_\_\_\_ (Insert name of bidding firm or corporation).
- C. Authorized Signature: \_\_\_\_\_ (Handwritten signature).
- D. Signed By: \_\_\_\_\_ (Type or print name).
- E. Title: \_\_\_\_\_ (Owner/Partner/President/Vice President).

END OF DOCUMENT 004323

## SECTION 098410 - ACOUSTICAL PANELS AND FINISHES

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. This Section includes, but is not limited to, sound absorbing ceiling treatment and panels as follows:
  - 1. Furnish and install factory manufactured acoustical systems of products specified to the sizes and shapes as described herein and as shown by the drawings.
  - 2. Provide and install panels, installation labor and all hardware and materials.
  - 3. All acoustical panels and finishes shall be installed as shown in drawings according to manufacturers' written instructions.
  - 4. Portions of this work may be related to other Sections of these specifications. The related work shall be performed as specified by the other Sections.
- B. Provide and install the following panels:
  - 1. Panel Type – 1" thick Fabric Faced Acoustical Ceiling Panels (Locations indicated on Drawings).
    - a. 1" thick sound absorbing acoustical ceiling panels, 6 pound per cubic foot minimum fiberglass core, fabric finish.

#### 1.2 RELATED SECTIONS

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

#### 1.3 REFERENCE STANDARDS

- A. The American Society of Testing and Materials (latest edition):
  - 1. ASTM C-423 Standard Test Method of Sound Absorption and Sound Absorption Coefficients. Reverberant Room Method.
  - 2. ASTM E-795 Standard Practices for Mounting Test Specimens During Sound Absorption Tests.
  - 3. ASTM E-84 Surface Burning Characteristics of Building Materials.

#### 1.4 PERFORMANCE REQUIREMENTS

- A. Acoustical Criteria:
  - 1. The manufacturer of the acoustical panels will provide acoustical test data only from an independent acoustical laboratory approved by the National Voluntary Laboratory Accreditation Program (NVLAP) as an accredited testing laboratory.
  - 2. The independent acoustical laboratory shall certify the acoustical performance of the entire specified panel. The test shall include all parts of the specified product where applicable; the substrate core,



compressed fiberglass face, sintered aluminum panels, vinyl sheet, thermo-molded resin, a fabric cover, a vinyl cover, a glass fiber scrim cover, sprayed cellulose fibrous materials, porous cementitious compounds, adhesives, hardened resin edges, fiber reinforced gypsum, any wood veneer that is, the entire panel as specified.

3. Submit acoustical data only for the panels specified. The test data will completely describe the test specimen and the test.
4. Testing shall include the following:
  - a. ASTM C-423 Standard Test Method of Sound Absorption and Sound Absorption Coefficients. Reverberant Room Method.
  - b. ASTM E-795 Standard Practices for Mounting Test Specimens During Sound Absorption Tests.

B. Fire and Smoke Requirements:

1. The manufacturer of the acoustical panels will provide Fire and Smoke Tests from an independent laboratory certifying the results of tests conducted on each of the specified panels.
2. The independent acoustical laboratory shall certify the acoustical performance of the entire specified panel. The test shall include all parts of the specified product where applicable; the substrate core, compressed fiberglass face, vinyl sheet, thermo-molded resin, a fabric cover, a vinyl cover, plywood substrate, proprietary membrane and materials, adhesives, hardened resin edges, fiber reinforced gypsum, any paint, any veneer material that is, the entire panel as specified.
3. The test shall be the Surface Characteristics of Building Materials for Flammability conducted in accordance with the latest issue of ASTM E-84.
4. The acoustical finish system shall have a flame spread rating of 25 or less and a smoke developed rating of 450 or less. Panels shall be rated Class A as defined by ASTM E 84.

1.5 SUBMITTALS

C. Product Data: For each type of panel required on Project:

1. Submit manufacturer's composite material specifications.

D. Shop Drawings: Show fabrication and installation details for acoustical panels and finishes, including plans, dimensions, elevations, sections, details, materials and accessories, attachments to other work and other related items:

1. Show orientation of grain, fabric application, pattern matching, panel edges, and locations of seams, orientation and reliefs of all acoustical materials.

E. Samples:

1. Provide two, 12 inch x 12 inch samples of all panels and or materials. Provide samples with a cut-away portion showing the internal fastening of the panel strap and connections.
2. Fabric Samples for Verification: 8-by-11-inch units of each type of acoustical wall panel indicated; in sets for each color, texture, and pattern specified for facing materials, showing the full range of variations expected in these characteristics.

F. Product Certificates: Signed by manufacturers of acoustical panels certifying that products furnished comply with requirements.

- G. Qualification Data: For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.
- H. Product Test Reports: From a qualified testing agency indicating acoustical panels and finishes comply with requirements, based on comprehensive testing of current products.
  - 1. Acoustical Data Test Reports:
    - a. Submit an independent acoustical laboratory's acoustical test of the vendor's product. The test shall be the America Society of Testing Materials Test, ASTM C-423-90a; Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
    - b. Certified test reports must meet the sound absorption requirements for each and all One-Third Octave Band Sound Absorption Coefficients shown for each acoustical panels and finishes below.
    - c. The acoustical test data will be only for the panel and the materials specified.
  - 2. Fire and Smoke Test Reports
    - a. Submit test reports for the specified panels and materials.

#### 1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A firm experienced in manufacturing acoustical panels similar to those indicated for this Project and with a record of successful in-service performance.
- B. Testing Agency Qualifications: An independent testing agency, acceptable to authorities having jurisdiction, with the experience and capability to conduct the testing indicated, as documented according to ASTM E 548.
- C. Source Limitations for Acoustical Panels: Obtain acoustical panels from sources with resources to provide products of consistent quality in appearance and physical properties.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect acoustical panels from excessive moisture when shipping, storing, and handling. Deliver in unopened bundles and store in a dry place with adequate air circulation. Do not deliver material to building until wet-work, such as concrete and plaster, has been completed and cured to a condition of equilibrium. Protect panel edges from crushing and impact.

#### 1.8 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install acoustical panels and finishes until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

#### 1.9 WARRANTY

- A. General Warranty: Special warranty specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Special Warranty: Written warranty, signed by manufacturer agreeing to repair or replace components of acoustical wall panel system that fail in performance, materials, or workmanship within specified warranty period. Failure in performance includes, but is not limited to, acoustical performance. Failure in materials includes, but is not limited to corrosion, sagging or distortion of facing or warping of the substrate core, compressed fiberglass face, sintered aluminum panels, vinyl sheet, thermo-molded resin, a fabric cover, a vinyl cover, a glass fiber scrim cover, sprayed cellulose fibrous materials, porous cementitious compounds, wood veneer, or any deterioration of other materials that are part of the acoustical finish system.
- C. Warranty Period: Two years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to the following.
- B. Basis-of-Design Manufacturers:
  - 1. AVL Systems, 5540 SW 6<sup>th</sup> Place, Ocala, FL 34474, 1-800-228-7842, [www.avlonline.com](http://www.avlonline.com).
  - 2. Product: Acoustech Wall and Ceiling Panels

### 2.2 MATERIALS AND FABRICATION

- A. 1" thick Fabric Faced Acoustical Ceiling Panels:
  - 1. AVL Systems AcousTech ATP 1.0, 1" thick sound absorbing acoustical ceiling panels, 6 pound per cubic foot minimum fiberglass core, fabric finish.
  - 2. Dimensions – Width and heights as indicated in the drawings.
  - 3. The following alternate manufacturers are acceptable:
    - a. Acoustical Resources.
    - b. AVL Systems.
    - c. Conwed DesignScape.
    - d. Decoustics.
    - e. Kinetics Noise Control.
    - f. MBI Products.
    - g. Wall Technology.
  - 4. Fabricate the panels at the factory to the exact sizes in accordance with the Acoustical Panel Contractor field measurements. Submit the field dimensions for the Architects general approval of the lay-out.
  - 5. Edges: All edges of each panel shall be formed with a 1/4" radius (or with the edge option selected by the Architect). All edges shall be chemically hardened to a minimum depth of 1/8" and shall have a minimum hardness of 0.42 of the Barcol scale.

6. Core & Surface Fabrication Details: The fiberglass substrate or core shall be as described for each type. The substrate shall be certified by the original manufacturer to be constructed of 6 pounds minimum cubic foot density fiberglass, of consistent quality and free of irregularities in physical make-up and surface condition:
  - a. No other density of fiberglass is acceptable.
  - b. The acoustical performance shall be consistent with the specifications so that the design objectives will be achieved.
7. Panel Surface Material: The face material fabric will be Guilford of Maine # 701 100% Polyester fabric. Style Pattern 2100. The fabric should be wide enough to wrap around a 48" wide panel edge with a rear panel return of at least 1 1/2 to 2" inches. No seams will be permitted in the fabric covering or exposed faces and edges. The fabric shall be adhered only to the rear surface and to all four edges of the panel. Adhering the fabric to the face of the board with adhesive is prohibited. Attach the fabric to the core without any wrinkles, sags or blisters.
8. Attachment - Devices & Systems:
  - a. The panels are attached to the wall surface with zinc plated steel mechanical fasteners of the slip joint type. The panel's fastening device to be permanently attached to the back of the panels with fiberglass resin and screws. Provide sufficient slip type fasteners at the center, sides and bottom of the panels to hold the panel flush to the furring.
  - b. Substitutions: No substitutions for the attachment methods.
9. Absorption Coefficients and Noise Reduction Coefficient for the product shall be measured by an independent, accredited NVLAP facility according to the test methods as defined by ASTM C 423 and ASTM E 795. Minimum NRC shall be 0.90. The minimum random incidence absorption coefficients for a 1" thick system in an A-mounting shall be as follows:

Absorption Coefficients - 1" thick Fabric Faced Acoustic Wall Panels																	
100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
0.05	0.05	0.25	0.30	0.40	0.42	0.45	0.50	0.75	0.85	0.90	0.91	0.95	0.95	0.95	0.95	0.95	0.95

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine substrates and blocking, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting acoustical wall panel performance. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 3.2 INSTALLATION

- A. Install acoustical panels and finishes in locations indicated with vertical surfaces and edges plumb, top edges level and in alignment with other panels, and scribed to fit adjoining work accurately at borders and at penetrations as required by the Architect. Comply with accepted Shop Drawing and Submittals, and panel manufacturer's written instructions for installation of panels using type of mounting accessories indicated or, if not indicated, as recommended by manufacturer.

- B. Core fiberglass sound absorbing material and any facing material shall be completely free of any defects, bumps or protrusions. Edges shall be smooth through the lengths of the panel sides.
- C. Comply with manufacturer's written instructions on storage and handling of materials prior to installation.
- D. Install acoustical panels and finishes when the space in which these materials are to be installed achieves the manufacturer's recommended temperature and humidity levels.

### 3.3 CLEANING

- A. Clip loose threads, remove pills and any other extraneous materials.
- B. Clean all panels and acoustic finishes, on completion of installation, to remove dust and other foreign materials according to manufacturer's written instructions.
- C. Remove surplus materials, rubbish, and debris resulting from acoustical ceiling panel installation, on completion of the work, and leave areas of installation in a neat and clean condition.

### 3.4 PROTECTION

- A. Provide final protection and maintain conditions, in a manner acceptable to the manufacturer and installer that ensure acoustical panels and finishes are without damage or deterioration at time of Substantial Completion.
- B. Replace panels that damaged, stained, or that are generally unacceptable and that cannot be cleaned and repaired, in a manner acceptable to the Architect and Acoustical Consultant, before time of Substantial Completion.

END OF SECTION 098410