

**SECTION 00 9112
ADDENDUM NUMBER 2**

PARTICULARS

1.01 DATE: FEBRUARY 14, 2022

1.02 PROJECT: JUDD HILL FARMERS' MARKET

1.03 PROJECT NUMBER: 2101

1.04 OWNER: ARKANSAS STATE UNIVERSITY

1.05 ARCHITECT: STEILING ARCHITECTURE

TO: PROSPECTIVE BIDDERS:

2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED JANUARY 12, 2022 , AND ADDENDUM 1 DATED FEBRUARY 01, 2022, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

2.03 THIS ADDENDUM CONSISTS OF 3 PAGES PLUS THE FOLLOWING:

- A. Add or replace the following specification sections in the Project Manual:
 - 1. Add attached Section 01 0825 - Liquidated Damages (1 page)
 - 2. Omit Section 08 3600 - Sectional Overhead Doors from the Project Manual
 - 3. Omit Section 10 1425 - Door and Room Signs from the Project Manual
 - 4. Omit Section 32 8400 - Landscape Irrigation Performance Specification from the Project Manual
 - 5. Add attached Section 32 9230 - Hydraulic Seeding (4 pages)

GENERAL NOTES:

3.01 ADDITIONAL INFORMATION AND CLARIFICATIONS:

- A. Address for project site is 3000 Aggie Road, Building A, Jonesboro, AR 72401
- B. Utility tap fees are by Owner to appropriate Utility Company.
- C. Overhead Electrical relocation is by others, including new transformer. Electrical Contractor shall include transformer pad requirements and running of underground conduits from new pole location to new transformer location. Electrical Contractor shall coordinate requirements with Jonesboro City Water and Light.
- D. Contractors shall review and coordinate bidding requirements with Alternate Bids as described in Section 01 2300 - Alternatives

CHANGES TO THE PROJECT MANUAL

3.02 SECTION 00 0110 - TABLE OF CONTENTS

- A. Add Section 01 8250 - Liquidated Damages (attached) to the Table of Contents
- B. Omit Section 08 3600 - Sectional Overhead Doors from the Table of Contents
- C. Omit Section 10 1425 - Door and Room Signs from the Table of Contents
- D. Omit Section 32 8400 - Landscape Irrigation Performance Specification from the Table of Contents
- E. Add Section 32 9230 - Hydraulic Seeding to the Table of Contents

3.03 SECTION 01 8250 LIQUIDATED DAMAGES

- A. Insert the attached Section into the Project Manual.

3.04 SECTION 06 2500 - SOLID SURFACE FABRICATIONS

- A. Paragraph 2.01 Solid Surface Assemblies, Item 4.; modify exposed edge treatment to read: Square edge with eased corners.

3.05 SECTION 08 3600 - SECTIONAL OVERHEAD DOORS

- A. Omit Section from Project Manual, no sectional overhead door is part of this project. See items 4.05-B below referencing Overhead Coiling Door.

3.06 SECTION 08 7100 - DOOR HARDWARE

- A. Paragraph 3.09 Hardware Schedule; omit Set #2

3.07 SECTION 10 1425 - DOOR AND ROOM SIGNS

- A. Omit section from Project Manual, signage will be provided by Owner.

3.08 SECTION 32 8400 LANDSCAPE IRRIGATION PERFORMANCE SPECIFICATION

- A. Omit Section from Project Manual, no irrigation system is required in this project.

3.09 SECTION 32 9230 - HYDRAULIC SEEDING

- A. Insert the attached section into the Project Manual.

CHANGES TO DRAWINGS:

4.01 DRAWING SHEET C1.00

- A. Modify detail marks shown referencing L5.00 and L5.01 to C5.00 and C5.01

4.02 DRAWING SHEETS C1.0, C2.0, C3.0, C3.10, C4.0, L1.00, AND L1.01

- A. Dumpster location shown shall be coordinated with owner and architect. Location will be modified slightly to attain 10'-0" clearance between dumpster enclosure and utilities. This modification may also impact the arrangement of parking spaces and dumpster island. No additional scope of work is anticipated as part of this modification when coordinated ahead of the work scheduled in this area.
- B. Access to existing service road shall be coordinated with owner and architect. Scope of work indicated to access existing service road shown at northeast corner of parking area will be modified to locate about 20' to the southwest to provide alignment of access and gate with main parking drive. No additional scope of work is anticipated as part of this modification when coordinated ahead of the work scheduled in this area.

4.03 DRAWING SHEET C2.00

- A. Reference Site Utility Plan; rotate Grease Trap and Sampling/Inspection manhole 90 degrees, exit side of grease trap to attach to existing manhole located near dumpster location. Connection to manhole must occur no more than 24" above bottom of manhole. Coordinate requirements with Jonesboro City Water and Light.

4.04 DRAWING SHEET A101

- A. Reference "Room Finish Schedule" at top left portion of sheet. "Corridor 117" shown in schedule does not exist in plan. Omit this reference in schedule.

4.05 DRAWING SHEETS A101 AND A601

- A. Low wall required under countertop and at rear of cabinets in cashier station at Cashier-104/ASU Retail-103 and island unit at Demonstration Kitchen-112 shall be provided by Millwork Contractor as part of millwork package.
- B. Millwork Contractor include (10) tumbler locks in MW 104 and (20) tumbler locks in MW112 with locations to be determined by Owner and Architect.

4.06 DRAWING SHEET A102

- A. Reference Toilet Accessories Schedule at middle right edge of drawing; the following schedule of accessories shall be provided or equivalent:
 1. TA-1, Grab bar 36" - Bobrick #B-6806 - 36
 2. TA-2, Grab bar 42" - Bobrick #B-6806 - 42
 3. TA-3, Toilet tissue dispenser - Owner Furnished - Contractor Installed
 4. TA-4, Paper towel dispenser - Owner Furnished - Contractor Installed
 5. TA-5, Soap dispenser - Owner Furnished - Contractor Installed

6. TA-6, Mirror - Bobrick #B-290 - 24x48
 7. TA-7, Coat Hook - Bobrick #B-6707; install on coat hook at each door or partition door on toilet side of door.
 8. TA-8, Mop and Broom Holder - Bobrick #B-233 - 24"; install above janitor's sink in Janitor-110, 90 degrees adjacent to faucet wall
 9. Add TA-9, Baby Changing Station - Koala Kare Products - KB200-01; install in each Family Restroom on wall across from water closet.
- B. Reference Door Schedule at top right portion of drawing sheet
1. Overhead Coiling Door 114B shall be Overhead Door Corporation, model #625 with electric operator RSX or equivalent door and operator.

4.07 DRAWING SHEET S502

- A. Reference Section 1 and Section 2; steel tube trusses noted by PEMB MFR. shall be modified to be provided at contractor's option. When steel tube trusses are provided by other than PEMB MFR, coordination of attachments and loading for PEMB and steel tube trusses lies with the contractors involved in the supply and installation of the products/systems.

4.08 DRAWING SHEET M402

- A. Reference HVLS Destratification Fan Schedule at bottom of drawing sheet
1. Omit reference to providing LED Light Assembly Kit in Remarks column.

4.09 DRAWING SHEET P101

- A. "Refer to Drawing P101- #2 'Enlarged Kitchen Floor Plan': Contractor to extend 4" Grease Waste below floor to west side of Janitor #110. Install Floor Cleanout (FCO) at end of line and out of foot traffic as possible. Route waste from Service Sink (SS-1) and Floor Drain (FD-4) to grease system (in lieu of Sanitary Sewer). All fixtures to be trapped and vented (as shown on Plumbing Riser- Sheet P301). Field Coordinate all pipe routing."

4.10 DRAWING SHEET E001

- A. Reference Keyed Note #2; transformer is by Jonesboro CWL. Installation of transformer pad is by Contractor in coordination with Jonesboro CWL requirements.
- B. Reference Site Plan - Electrical; Overhead Electrical relocation is by others, including new transformer. Electrical Contractor shall include transformer pad requirements and running of underground conduits from new pole location to new transformer location. Electrical Contractor shall coordinate requirements with Jonesboro City Water and Light.

4.11 DRAWING SHEET E102

- A. Reference Floor Plan - Power; Add new circuit and receptacle near overhead coiling door in Storage 114. Circuit shall be run to panel LP1, spare circuit - 64. Circuit will be used to power overhead coiling door and to switch legs for controllers. Coordinate required location of receptacle and controllers with overhead coiling door supplier.

4.12 DRAWING SHEET E201

- A. Reference Detail 2 - Pole Base Detail:
1. Diameter of Pole Base is 2'-0"
 2. Depth of Pole base below grade is 6'-0"
 3. Provide #4 steel reinforcing in pole base at 9" o.c. max. each way. Steel reinforcing shall have minimum of 3" concrete cover.

END OF ADDENDUM NUMBER 2

**SECTION 01 8250
LIQUIDATED DAMAGES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Time of Substantial Completion.
 - 1. Bidder fully agrees to commence Work within ten (10) days of the Notice to Proceed from the Owner and to fully complete the Work by the date stated on the Bid Proposal Form.

1.02 RELATED SECTIONS

- A. Section 00 1100 - Invitation for Bids: Base Bid Proposal.
- B. Section 00 1150 - Supplementary Invitation for Bids
- C. Section 00 4200 - Bid Proposal Form
- D. Section 00 7000 - General Conditions: Article 8 Time.
- E. Section 01 3300 - Weather Delays

1.03 LIQUIDATED DAMAGES

- A. Liquidated damages imposed against the contractor for failure to meet the final agreed upon completion date will be \$500.00 for each consecutive workday beyond the final agreed upon completion date. The contractor shall be relieved of delays due to causes beyond his control such as Acts of God, national emergency, strikes, or fire. The Contractor must notify the Owner in writing, on a timely basis, of such developments stating reason, justification and extent of delay. Weather days will be allowed to be used at the discretion of the contractor and the use of each weather day must be documented and filed with the Owner within 10 days of such use. Weather days will be in accordance with the average inclement weather days as recorded in the project manual by the National Weather Bureau for the geographical area of the contract.

1.04 EXTENSION OF TIME

- A. Extension of time will be considered in accordance with the General Conditions for circumstances beyond the Contractor's control.
- B. No damages will be assessed for parts of days.

1.05 DISTRIBUTION OF DAMAGES

- A. The amount of distribution of damages to each contractor or material supplier is at the discretion of the Contractor
- B. The Contractor must bind each of his Sub-Contractors to the same requirements that the Contractor is bound to the Owner.

1.06 LEGAL HOLIDAYS

- A. Legal Holidays as observed by this Agreement.
 - 1. New Years Day.
 - 2. Memorial Day.
 - 3. Independence Day.
 - 4. Labor Day.
 - 5. Thanksgiving Day.
 - 6. Day after Thanksgiving Day.
 - 7. Christmas Day.
- B. No other days will be considered. No site visits will be furnished on legal holidays, Saturdays, or Sundays by the Architect or Engineers.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

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**SECTION 32 9230
HYDRAULIC SEEDING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Provide all material and labor to install and maintain for the guarantee period at all areas to be seeded and hydromulched.
- B. All site areas disturbed by grading or traffic not scheduled for Sodding and within 10 feet outside the boundaries of the newly established drives and paving, and including all areas used for staging, material layout, and construction worker parking which damages or destroys the existing vegetation, shall be seeded.

1.02 RELATED SECTIONS

- A. Not Used

1.03 UNIT PRICE- MEASUREMENT AND PAYMENT

- A. Seeded Areas: Includes preparing topsoil, fine grading, seeding, water and maintenance to specified time limit.

1.04 DEFINITIONS

- A. The Contractor will be required to establish a stand of turf grass prior to acceptance of the job. A uniform stand of grass shall be defined as a total coverage of the planting soil by the specified grass to the satisfaction of the Owner. The Contractor is responsible for all watering, weeding, and replanting during the time which is necessary to establish a uniform stand of grass.

1.05 SUBMITTALS

- A. Test Reports: Results of seed purity and germination tests.
- B. Certificates: Manufacturer's certification that seed and mulch meet specification requirements.
- C. File all results and certificates with the Owner prior to the final acceptance.
- D. Maintenance Instructions: Submit to the Owner prior to the final acceptance.
- E. Test Reports: Submit certification of fertilizer analysis.

1.06 QUALITY ASSURANCE

- A. Reference Standards: Official Method of Analysis of the Association of Official Analytical Chemists.
- B. Source Quality Control: Producer's test for purity and germination of seed, dated within nine months of sowing and submit to Owner.

1.07 JOB CONDITIONS

- A. Environmental Requirements:
 - 1. Do not seed when excessively wet or dry.
 - 2. Do not perform seeding or hydromulching when wind exceeds 15 mph.
- B. Protection: Restrict foot and vehicular traffic from seeded areas after hydromulching until final inspection and acceptance.

1.08 GUARANTEE AND MAINTENANCE

- A. Provisional Acceptance: Planting shall be approved as being in accordance with specifications upon completion of the installation.
- B. Guarantee Period: A stand of grass within 90 days, after provisional acceptance, shall be guaranteed.
- C. Maintenance Period:
 - 1. Maintain new seeding until entire project is accepted by the Owner.
 - 2. Reseed during this period as required to meet minimum standards at no additional expense to the Owner.

3. Repair damage to other plants or lawns during maintenance period at no additional expense to the Owner.
 4. Maintenance shall consist of but not be limited to:
 - a. Weeding
 - b. Watering
 - c. Mowing and edging
 - d. Spraying
 - e. Fertilizing
 - f. Temporary Erosion Control & Erosion Repair of seeded areas.
- D. Final Acceptance will be provided by the Owner only upon completion of the entire project and the establishment of a complete stand of grass as defined herein.

1.09 RESTORATION

- A. The Contractor shall be responsible for repairing any damage done to any existing site improvements caused by the Contractor, at no additional expense to the Owner.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Turf Areas
1. Seed (April 15 until September 15)
 - a. Species: 100% Hulled Common Bermuda Grass (*Cynodon dactylon*) of 98% purity.
 - b. Percent of Live Seed: 85%
 - c. Clean, dry, new crop seed.
 - d. Free of all weeds.
 2. Temporary Turf - Seed (September 15 until March 15)
 - a. Species:-100% Rye Grass (*Lolium multiflorum*) of 85% purity.
- B. Fertilizer (For Turf Grass Areas Only)
1. Uniform composition.
 2. Pelletized.
 3. Containing following minimum percentage of plant food by weight:
 - a. Nitrogen:15% or 16%
 - b. Phosphoric Acid: 4% or 5%
 - c. Potash:8% or 10%
 4. The fertilizer shall be delivered to the site in bags or other convenient containers, each fully labeled, conforming to the applicable state fertilizer laws, and bearing the name, trade name or trademark, and warranty of the producer.
- C. Mulch with Tackifier
1. Maximum Moisture Content.....10% + 3%
 2. Virgin Wood Fiber Content.....92.2% + 0.5% O.D. Basis
 3. Tackifier Content.....3% + 0.5% O.D. Basis
 4. Ash Content.....0.8% + 0.2% O.D. Basis
 5. PH.....4.8 + 0.5
 6. Minimum Water Holding Capacity (grams of water per 100 grams of fiber).....1,000
 7. Wood fiber shall be dyed green with a biodegradable dye that does not inhibit plant growth.
 8. Wood fiber SHALL NOT be produced from recycled material such as sawdust, paper, cardboard, or residue from pulp and paper plants.
 9. Wood fiber mulch shall be packaged in units not exceed 100 lbs. The package shall contain current labels, the manufacturer's name and the net weight.
- D. Water: Potable, available on-site. Contractor shall furnish temporary hoses and connections as required.

PART 3 EXECUTION

3.01 INSPECTION

- A. Contractor shall check that preceding work affecting ground surface is completed.
- B. Contractor shall verify that soil is within allowable range of moisture content.
- C. Contractor shall see that the soil is free of weeds and foreign material immediately before seeding. Remove rocks and stones which are larger than 2 inches in diameter and remove from the site.
- D. Contractor shall not start work until conditions are satisfactory. To begin work indicates acceptance of conditions.

3.02 PREPARATION

- A. All areas to be seeded are to be bladed and graded smooth. All clods shall be removed or incorporated into existing soil and all debris shall be disposed of off the site.
- B. Soil should be watered to a minimum depth of 4 inches at least 48 hours prior to seeding.

3.03 APPLICATION (HYDROMULCH SEED ONLY)

- A. Apply hydromulch material with an approved spray applicator equipment suitable for the seed, mulch and stabilizer specified.
- B. Apply materials at the following rates or as approved by the Owner.
 - 1. Mulch with Tackifier 1,600 pounds per acre (36.75 lbs/1000 sf).
 - 2. Fertilizer: 523 pounds per acre (12.0 lbs/1000 sf).
 - 3. Hulled Common Bermuda Grass, 87 pounds per acre (2 lbs/1000 sf).
 - 4. Temporary Turf, 200 pounds per acre (4.5 lbs/1000sf).
- C. Water all hydromulched areas to a minimum depth of 4 inches.

3.04 PROTECTION

- A. Immediately after seeding and hydromulching, erect barricades and warning signs as required to protect seeded areas from traffic until grass is established.

3.05 SEED ESTABLISHMENT

- A. Watering
 - 1. Keep soil moist during seed germination period.
 - 2. Supplement rainfall as required until a stand of grass is established.
- B. Mowing (Turf Areas)
 - 1. When grass reaches 4 inches in height, mow to 2 to 2-1/2 inches in height.
 - 2. Do not cut off more than 40% of grass leaf in single mowing.
 - 3. Mow using 2 mulching blades, leaving no unsightly piles of grass clippings.
 - 4. The Contractor is responsible for all watering, weeding, weekly mowing and replanting during the time which is necessary to establish a uniform stand of grass.
- C. Reseed all bare spots not having a uniform stand of grass at no additional expense to the Owner.
- D. The Contractor will be required to establish a stand of grass prior to acceptance of the job. A uniform stand of grass shall be defined as a total coverage of the planting soil by the specified turfgrass to the satisfaction of the Owner.

3.06 CLEANUP

- A. Remove trash and excess materials from project site.
- B. Leave paved areas in clean condition.
- C. Remove barriers and signs from site at termination of establishment period.

3.07 MAINTENANCE

- A. See Section 01 7000 - Execution Requirements, for additional requirements relating to maintenance service.

END OF SECTION