

**ADDENDUM NO. 3 - Issued 12-12-2024**  
to the Project Manual and Drawings for

**NEW BRINKLEY HIGH SCHOOL  
BRINKLEY SCHOOL DISTRICT  
BRINKLEY, ARKANSAS  
WDD JOB NO. 23-069**

WITTENBERG, DELONY & DAVIDSON, INC.  
5050 NORTSHORE LANE  
NORTH LITTLE ROCK, ARKANSAS 72118  
(501)376-6681

*This addendum forms a part of the contract documents and modifies or interprets the Project Manual and/or Drawings as noted herein.*

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**GENERAL INFORMATION:**

1. Pre-Bid RFI Request for Information Log - Brinkley High School Package #2 provided by Baldwin & Shell Construction Company, dated 12-12-2024, is attached to this addendum and is made a part of the Bid Documents.
2. Refer to Construction Manager's updated trade package schedule. Site and Building Concrete are excluded from the Package 2 scope of work and will be bid as part of a future Bid Package.
3. Construction Manager's updated Bid Package Schedule, Section 00 52 00, is attached to this addendum and is made a part of the Bid Documents.
4. Construction Manager's Bid Package 2 Preliminary Construction Schedule dated 12-12-2024 is attached to this addendum and is made a part of the Bid Documents.

**ADDENDUM SPECIFICATION SECTIONS:**

**Section 00 41 50 - Bid Form - Material Supplier Packages, Section 00 52 00 - Bid Package Schedule, Section 07 21 16 - Blanket Insulation for Metal Buildings and Section 07 41 13 - Metal Roof Panels dated 12-12-2024 are attached to this addendum and are made a part of the Bid Documents.**

**END OF ADDENDUM NO. 3**

**PART 1 - GENERAL****1.01 DESCRIPTION**

- A. Thermal insulation and moisture control system for metal buildings for the following applications:
  - 1. Roofs, with OSHA Compliant, leading-edge fall protection.
    - a. Provide GymGuard Polypropylene / Fiberglass-Polyester Blend Fabric by Lamtec® Corporation or approved equal at entire gymnasium roof portion.

**1.02 RELATED DOCUMENTS**

- A. Applicable portions of the Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, and Addenda issued prior to the execution of the Contract, other documents listed in the Agreement and Modifications issued after the execution of the Contract shall apply to this Section. The general requirements for this work are in Division 1 of the Specifications.

**1.03 SUBMITTALS AND SUBSTITUTIONS**

- A. In accordance with Section 01 33 00.
- B. Substitutions will not be considered prior to the award of the General Contract.
- C. Product Data: Provide manufacturer's data for each of the following, including:
  - 1. Roof installation instructions.
  - 2. Product data sheet.
  - 3. Recycle content certification for fiberglass insulation products - minimum 50% recycled content for all fiberglass insulation materials.
- D. Shop Drawings: Provide shop drawings that indicate the following:
  - 1. Liner fabric layout.
  - 2. Insulation layout and cut list.
  - 3. Customer and project information.

**1.04 REFERENCES**

- A. American Society for Testing of Materials (ASTM):
  - 1. ASTM C991 - Standard Specification for Flexible Fibrous Glass Insulation for Metal Buildings.
  - 2. ASTM C1136 - Standard Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation.
  - 3. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
  - 4. ASTM E 96 - Standard Test Method for Water Vapor Transmission of Materials in Sheet Form (Procedure A).

5. ASTM E 2178 - Standard Test Method for Air Permeance of Metal Buildings.
- B. North American Insulation Manufacturers Association (NAIMA):
  1. NAIMA 202-96(R) (Rev. 2000) STANDARD For Flexible Fiberglass Insulation to be Laminated for Use in Metal Buildings.
- C. National Fire Protection Association (NFPA):
  1. NFPA 255 - Standard Method of Test of Surface Burning Characteristics of Building Materials.
- D. Underwriters Laboratories (UL):
  1. UL 723 - Test for Surface Burning Characteristics of Building Materials.

### **1.05 DESIGN REQUIREMENTS**

- A. Insulation R-Value of R-30 or U Factor of U 0.033 for installed roof system.
- B. The installed roof system shall provide a continuous vapor barrier.

### **1.06 QUALITY ASSURANCE**

- A. Installer Qualifications: Companies shall be familiar with the installation practices associated with banded liner systems.
- B. Bay Insulation shall approve all materials used in the SkyLiner® Insulation System. Contact Bay Insulation for specific materials approved for use with the SkyLiner® Insulation System.
  1. Substitution of any original components will nullify compliance with OSHA standards for fall protection.

### **1.07 SAFETY PRECAUTIONS**

- A. Installation contractor must have a site-specific safety plan and comply with all OSHA applicable local rules and regulations when installing this system.
- B. Workers must use OSHA required fall protection when installing the banding and fabric system at heights (see OSHA regulations at 29 CFR 1926, Subpart M).
- C. The SkyLiner® Insulation System meets:
  1. OSHA 29 CFR 1926.502(c)(4)(i) - Except as provided in paragraph (c)(4)(ii) of this section, safety nets and safety net installations shall be drop-tested at the jobsite after initial installation and before being used as a fall protection system, whenever relocated, after major repair, and at 6-month intervals if left in one place. The drop test shall consist of a 400-pound (180 kg) bag of sand 30" ± 2" (76 cm ± 5 cm) in diameter dropped into the net from the highest walking/working surface at which employees are exposed to fall hazards, but not less than 42" (1.1 m) above that level.

2. OSHA 29 CFR 1926.502(i)(2) - All other covers shall be capable of supporting, without failure, at least twice the weight of employees, equipment and materials that may be imposed on the cover at any one time.
  3. OSHA 29 CFR 1926.754(e)(3) - covering roof and floor openings.
  4. OSHA 29 CFR 1926.754(e)(3)(i) - Covers for roof and floor openings shall be capable of supporting, without failure, twice the weight of the employees, equipment and materials that may be imposed on the cover at any one time.
- D. Banding has sharp edges. Cut proof gloves should be worn when handling.

#### **1.08 DELIVERY, STORAGE, AND HANDLING**

- A. Store products indoors or in a dry, covered area.
- B. Do not open products until ready to use.
- C. Protect products from potential construction site damage.
- D. Use care when opening products as pallets may shift during shipment.
- E. Banding has sharp edges. Wear cut proof gloves when handling.
- F. Wear safety glasses when unpacking materials.

#### **1.09 PROJECT CONDITIONS**

- A. For best results, do not install this system outside of the temperature, humidity, ventilation, and environmental limits recommended by the manufacturer. Products should be kept covered and dry at temperatures less than 100°F prior to installation.

### **PART 2 - PRODUCTS**

#### **2.01 MANUFACTURER**

- A. Bay Insulation Systems, Inc., Green Bay, WI, 54311; [www.bayinsulation.com](http://www.bayinsulation.com) or approved equal manufacturer.

#### **2.02 MATERIALS**

- A. The SkyLiner® System consists of the following materials:
  1. Unfaced light density fiberglass metal building insulation in one of the following product categories:
    - a. Metal Building Insulation.
      - 1) Complies with ASTM C991 Type 1.
      - 2) Complies with NAIMA 202-96-REV 2000.

- 3) Flame Spread Index <25 and Smoke Developed Index <50 when tested in accordance with ASTM E84, NFPA 255 and UL 723.
  - 4) Certified by SCS Global Services to contain a minimum of 65% recycled glass content, 18% pre-consumer and 47% post-consumer.
  - 5) Thermal Resistance: Available R-Values = R10, R11, R13, R16, R19, R25 or R30.
  - 6) Unfaced.
  - 7) GREENGUARD Indoor Air Quality Certified®.
  - 8) GREENGUARD Gold Certified.
- b. Metal Building Filler Blanket Insulation.
- 1) Flame Spread Index <25 and Smoke Developed Index <50 when tested in accordance with ASTM E 84, NFPA 255 and UL 723.
  - 2) Certified by SCS Global Services to contain a minimum of 65% recycled glass content, 18% pre-consumer and 47% post-consumer.
  - 3) Thermal Resistance: Available R-Values = R10, R11, R13, R16, R19, R25 or R30.
  - 4) Unfaced.
  - 5) GREENGUARD Indoor Air Quality Certified®.
  - 6) GREENGUARD Gold Certified.
2. Fabric liner facing/vapor barrier composed of woven high-density polyethylene coated on both sides with polyethylene. Complies with the following:
- a. ASTM C1136, Types I through VI.
    - 1) Type 1-IV exception for dimensional stability (value is <2.0%).
  - b. Perm rating: 0.02 or 0.03 when tested in accordance with ASTM E 96 Procedure A.
  - c. Flame Spread Index < 25 and Smoke Developed Index < 50 when tested in accordance with ASTM E 84.
  - d. Color:
    - 1) Bright White, Sky Blue Backing.
3. Vapor barrier adhesive. Complies with the following:
- a. BayGrip™ Contact Adhesive; CA Compliant.
  - b. BayGrip™ Fast Dry Pressure Sensitive Adhesive; CA Compliant.
4. Double sided vapor barrier tape. Complies with the following:
- a. SkyLiner Double-Faced Tape.
  - b. 2" width.
5. Patch tape. Complies with the following:
- a. SkyLiner Repair Tape.
6. Metal Banding/Straps. Complies with the following:
- a. SkyLiner® Banding, 1" x 0.023 continuous length metal banding.
  - b. Exposed color to match vapor barrier.
    - 1) White.
7. Thermal breaks.
- a. Closed cell polyethylene foam tape for wall applications. Complies with the following:
    - 1) 0.125" thick to 0.375" thick.
    - 2) 3.0" wide.

- b. Thermal spacer blocks. Complies with the following:
  - 1) Extruded or expanded polystyrene.
  - 2) Minimum width 3.0".
  - 3) Thickness 0.5" to 1.0".
- 8. Fasteners & Clips.
  - a. SkyLiner® Safety Clip System, to include offset clip + fastener + banding, 16" either side of each frame. (Required for fall protection installation.)
  - b. Tek 2 and Tek 4.5.
- 9. Insulation Hangars.
  - a. SkyLiner® SkyHook™ for Walls.
  - b. SkyLiner® Insul-Hold for Walls, insulation hangars.

### **2.03 OTHER MATERIALS**

- A. Provide materials including fasteners and retainers, not specifically described but required for complete and proper installation of building insulation, selected by Contractor subject to approval of Architect.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Examine the areas and conditions under which work of this section will be installed. Verify that adjacent materials are dry and ready to receive insulation. Verify structure, bracing, and concealed building systems have been tested and inspected.
- B. Provide written report listing conditions detrimental to performance of work in this section. Do not proceed with installation until unsatisfactory conditions have been corrected.

### **3.02 INSTALLATION**

- A. Install liner system in accordance with manufacturer's installation instructions and approved shop drawings.
- B. Purlin and girt attachment surfaces should be clean and dry prior to attaching two-faced tape or sealing adhesive.
- C. Installed fiberglass insulation should fit snugly against purlin and girt walls in the cavity space. Avoid gaps, voids, and any excess compression.

### **3.03 CLEANING**

- A. Clean dirt from vapor barrier fabric using a soft cloth with soap and water or non-abrasive household cleaner. Solvent-based cleaners and abrasive pads should be avoided.

### **3.04 APPENDIX**

- A. Refer to the Bay Insulation Systems publications listed below for product information, including uses, descriptions, physical properties, performance, specification compliance and application recommendations. Copies of these documents can be found at [www.bayinsulation.com](http://www.bayinsulation.com).
1. SkyLiner® New Construction Installation Instructions - Bay Publication 13290508.
  2. SkyLiner® New Construction Walls Installation Instructions - Bay Publication 13290509.
  3. SkyLiner® White Fabric Specification Sheet - Bay Publication 13290216.
  4. SkyLiner® Black Fabric Specification Sheet - Bay Publication 13290211.
  5. BayGrip™ for SkyLiner® Data Sheet- Bay Publication 13290306.
  6. BayGrip™ Spray for SkyLiner® Data Sheet- Bay Publication 13290307.

**END OF SECTION 07 21 16**

**PART 1 - GENERAL**

**1.01 DESCRIPTION OF WORK**

- A. Furnish all labor, material, tools, equipment and services required and in accord with provisions of Contract Documents.
- B. Completely coordinate with work of all other trades.
- C. Although such work is not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation.

**1.02 RELATED DOCUMENTS**

- A. Applicable portions of the Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications and Addenda issued prior to the execution of the Contract, other documents listed in the Agreement and Modifications issued after the execution of the Contract shall apply to this Section. The general requirements for this work are in Division 1 of the Specifications.

**1.03 SUBMITTALS AND SUBSTITUTIONS**

- A. In accordance with Section 01 33 00.
- B. Substitutions will not be considered prior to the award of the General Contract.
- C. Submit roofing manufacturer's inspection report after each of the three (3) required warranty inspections. Report must contain the following:
  - 1. A detailed description of all non-conforming work.
  - 2. Manufacturer's recommended method of correction.
  - 3. Color photographic documentation of non-conforming work.
  - 4. Color photographic documentation of subsequent accepted work.
  - 5. Drawings, Diagrams or Detail furnished by the inspector at the job site visit.
  - 6. Instructions and conditions for re-inspection and/or issuance of warranty.

**1.04 QUALITY ASSURANCE**

- A. Applicable Standards:
  - 1. SMACNA: "Architectural Sheet Metal Manual", Sheet Metal and Air Conditioning Contractors National Association, Inc.
  - 2. LGSI: "Light Gage Structural Institute"
  - 3. AISC: "Steel Construction Manual", American Institute of Steel Construction.
  - 4. AISI: "Cold Form Steel Design Manual", American Iron and Steel Institute (1996 Edition).



5. UL580: " Tests for Uplift Resistance of Roof Assembles", Underwriters Laboratories, Inc.
6. FM: "Test Requirements for Class 1 panel roofs", Factory Mutual Research Corporation.
7. UL2218: Class 4 Impact Resistance Rating
8. ASTM E 1592-95: "Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference", American Society for Testing and Materials.
9. ASTM E 1680: "Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems, American Society for Testing and Materials.
10. ASTM E 1646: "Standard Test Method for Water Penetration Through Exterior Metal Roof Panel Systems, American Society for Testing and Materials.
11. ASTM A 792-83-AZ50 (Painted) & ASTM A792-83-AZ55 (Bare Galvalume Plus®): "Specifications for Steel Sheet, Aluminum-Zinc Alloy Coated by the Hot Dip Process, General Requirements (Galvalume®)", American Society for Testing and Materials.
12. ASTM E 1514-98 (2017): "Standard Specification for Structural Standing Seam Steel Roof Panel Systems", American Society for Testing and Materials.
13. ASTM E 408-71: Standard Test Method for Total Normal Remittance of Surfaces Using Inspection- Meter Techniques. (Energy Star for Roof Products).
14. ASTM E 903-96 Standard Test Method for Solar Absorptions, Using Integrating Spheres. (Energy Star for Roof Products)
15. ANSI/SPRI/FM 4435/ES-1-11 "Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems", and NRCA Guidelines for Complying With Building Codes Using ANSI/ SPRI ES-1. Provide shop drawings, to include wood blocking, to meet this standard or certified third party test data for gravel stop, fascia profiles and coping. Refer to the drawings for design wind load parameters. Include wind loads for roof area perimeters and corners on submittals.

B. Manufacturer's Qualifications:

1. Manufacturer has a minimum of five years experience in manufacturing metal roof systems of this nature. Panels specified in this section shall be produced in a factory environment (not with a portable roll former) with fixed-base roll forming equipment and in line leveling, assuring the highest level of quality control. A letter from the manufacturer certifying compliance will accompany the product material submittals.

C. Installation Contractor's Qualifications:

1. Installation contractor shall be an approved installer, certified by the manufacturer before the beginning of installation of the metal roof system.
2. Project foreman is the person having received certification by the manufacturer specific training in the proper installation of the selected metal roof system and will be present to supervise whenever material is being installed.
3. Provide certification letter that installation contractor has a minimum of three years' of metal product installation experience immediately preceding the date upon which work is to commence.

## **1.05 PRE-INSTALLATION CONFERENCE**

- A. Prior to installation of roofing system, conduct a pre-installation conference at the project site.
- B. Attendance: Owner, Architect, Contractor, Project Superintendent, and Certified Installer.
- C. Agenda:
  - 1. Roofing details and agenda
  - 2. Critical work sequencing and review of phasing plan
  - 3. Inspection sequencing

## **1.06 WARRANTY**

- A. Manufacturer Warranties:
  - 1. Panel Material: Furnish manufacturers 25 year warranty covering the panel against rupture, structural failure, or perforation.
  - 2. Panel Coating: Furnish manufacturer's 40-year warranty panel coating warranty covering cracking, checking, and peeling, and 30 year warranty covering fade and chalk.
  - 3. Metal Roof Weathertightness Warranty:
    - a) Manufacturer's Single Source Weathertightness Warranty
      - (1) Warranty term: 20 years commencing on date of substantial completion.
      - (2) Total manufacturer's liability: NRL (No Repair Limit) / SF.
      - (3) Warranty must cover: Pipe and Curb Penetrations; Wind Speeds up to 75 mph
        - (a) Pipes must be centered in pan or a pipe curb must be used. Pipe must be flashed with an EPDM dektite.
        - (b) Curbs must be all welded aluminum or stainless steel.
        - (c) Manufacturer must supply engineered installation drawings signed and sealed by an engineer registered in the state in which the project is located.
- B. Installer Warranty: Installer to provide warranty agreeing to repair or replace metal roof panels, trim, or accessories that fails due to poor workmanship or faulty installation.
  - 1. Warranty term: 2 years commencing on date of substantial completion.
- C. Roofing Materials Installer: Provide two-year guarantee covering labor, materials, leaks, and defects.

## **1.07 PRODUCT HANDLING**

- A. Protection: Protect roofing materials before, during, and after installation. Protect installed work and materials of other trades.

- B. Replacements: In event of damage, immediately make repairs and replacements necessary to approval of Architect and at Contractor's expense.

## **PART 2 - PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Provide systems by MBCI or equivalent system by one of the following manufacturers:
1. AEP Span
  2. Berridge
  3. Exceptional Metals
  4. McElroy Metal
  5. Metal Sales
  6. PAC-Clad
  7. Firestone UNA-CLAD™ UC-3

### **2.02 VERTICAL LEG STANDING SEAM METAL ROOF SYSTEM**

- A. Berridge Double-Lock Zee-Lock Smooth MBCI "SuperLok", 2 inch high x 3/8" to 1/2" inch wide rib x 16" wide panel.
1. Install over manufacturer's recommended sound attenuation batt.
- B. Metal Roof System Style: Vertical leg, concealed fastener, standing seam, utilizing male and female rib configurations, with factory applied hot-melt mastic in female rib, continuously locked together by an electrically powered mechanical seaming device during installation.
- C. Gage: 24 gage
- D. Substrate: ASTM A792, AZ50 Galvalume steel sheet, minimum yield of 50,000 PSI.
- E. Clip: Two piece floating clip, 18 gauge base, 24 gauge top, with factory applied mastic.
1. UL-90 rated - Underwriters Laboratories.
- F. Finish: Finish to be Kynar 500 based polyvinylidene fluoride (PVDF) coating, 70% resin formulation. Color to be selected by Architect from manufacturer's complete line.
1. Primer is applied to 0.20 - 0.30 mils DFT (Dry Film Thickness) and the topcoat at 1.0 - 1.2 mils DFT.
- G. Prefabricated Metal Roof Curbs:
1. LMCurbs - Longview, TX, 1-800-284-1412.
    - a. Curbs shall be constructed using minimum .080, 3003H14 aluminum, or heavier as required to support the load of equipment, with fully mitered and heli-arc welded corners, integral base plates, with water diverter cricket. Provide factory installed insulation.
    - b. Minimum height of curb shall be 8" above roof (or as specified).

- c. Curbs shall be constructed to match slope of roof and provide a level top surface for mounting of equipment.
  - d. Curb flange shall be constructed to match configuration of roof panel. Side flange shall extend to the next natural seam in the roof panels and conform to seam configurations.
- H. Prefabricated Roof Jacks:
- 1. SFS - iNTECH - Wyomissing, PA.
  - 2. ITW Buildex - Itasca, IL.
- I. Rooftop Walkways:
- 1. LM Curbs - Longview, TX.
- J. Underlayment (Peel and Stick) as applicable at any solid decking: 45 mil self-adhering ice and water shield membrane as manufactured by Mid-States Asphalt to be QUIK-Stick FS (Film Surface) High Temperature (textured film surface), or approved equal. Install per manufacturer's written recommendations over entire roof surfaces, including valleys. DO NOT impede air flow at ridge vent configurations, if applicable, and ensure attic ventilation throughout.

### **2.03 SNOW RETENTION SYSTEM**

- J. Snow Retention System:
- 1. Provide 1" Sno Blockade™ Snow Retention System by Sno Gem, (1-888-766-4367) with the Sno Gem Sno Cube™ attachment bar system and "Blockade Plate™ for sliding snow and ice, spaced as recommended by manufacturer. Provide clamp style to coordinate with roof seam profile being proposed. Provide installation details to Architect for review prior to installation.
  - 2. Finish: Components to match the same paint finish color as the metal roof panels.
  - 3. Approved Equal Manufacturers:
    - a. S-5! ColorGard by Metal Roof Innovations, Ltd., 888-825-3432.

### **2.04 MISCELLANEOUS MATERIALS**

- A. Fasteners:
- 1. All self-tapping/self-drilling fasteners, bolts, nuts, self-locking rivets and other suitable fasteners shall be designed to withstand specified design loads.
  - 2. Use long life fasteners for all interior and exterior metal roof system applications.
  - 3. Provide fasteners with a factory applied coating in a color to match metal roof system application.
  - 4. Provide neoprene washers under heads of exposed fasteners.
  - 5. Locate and space all exposed fasteners in a true vertical and horizontal alignment. Use proper torque settings to obtain controlled uniform compression for a positive seal without rupturing the neoprene washer.

## **2.05 ACCESSORIES**

- A. Provide all components required per the metal roof system manufacturer's approved shop drawings for a complete metal roof system to include panels, panel clips, trim/flashing, fascias, ridge, closures, sealants, fillers and any other required items.
  - 1. All outside closures will be fabricated from Pre-Painted Galvalume sheet steel of the same gauge, finish and color as the panels.
  - 2. All tape seal is to be a pressure sensitive, 100 percent solids, polyisobutylene compound sealing tape with a release paper backing. Provide permanently elastic, non-sagging, non-toxic, non-staining tape seal approved by the metal roof system manufacturer.
  - 3. All joint sealant is to be a one-part elastomeric polyurethane sealant approved by the metal roof system manufacturer.

## **2.06 FABRICATION**

- A. Material shall be in-line leveled prior to roll forming panel profile.
- B. Where possible, roll form panels in continuous lengths, full length of detailed runs.
- C. Standard panel length shall be no more than 50 feet long.
- D. Fabricate trim/flashing and accessories to detailed profiles. If not detailed, submit standard profiles available for selection by Architect.
- E. Fabricate trim/flashing from same material as panel.

## **2.07 PREFABRICATED CURBS AND EQUIPMENT SUPPORTS**

- A. Comply with loading and strength requirements as indicated where units support work of other trades. Coordinate dimensions of curbs and supports with equipment supplier/manufacturer.
- B. Fabricate curbs of structural quality aluminum (Min. .080 in. thickness for mechanical gear up to 1000 lbs; .125 in. thickness for mechanical gear between 1000 lbs. and 2000 lbs.; use a two curb system per the manufacturer above 2000 lbs.), factory primed and prepared for painting with mitered and welded corner joints. Provide integral base plates and water diverter crickets. The upper flange of the curb must be a minimum of 18" above the water diverter. Curbs shall be designed to install under metal roof system on the high side and over metal roof system on the low side.
- C. Minimum height of prefabricated curb will be 8 inches above the finished metal roof system.
- D. Curbs shall be constructed to match the slope of the roof and provide a level top surface for mounting equipment.

- E. Curb flanges must be constructed to match the configuration of the metal roof panels.
- F. Curb manufacturer will provide their own curb structural support system that can be installed between the purlins that will allow proper thermal movement of the curb with the roofing system.
- G. Submit roof curb manufacturer's shop drawings to metal roof system manufacturer for review prior to fabrication (refer to metal roof system manufacturer's standard installation details). Metal roof system manufacturer will review roof curb manufacturer's shop drawings for compatibility with metal roof system.

## **2.08 PREFABRICATED ROOF JACKS**

- A. Pipe flashings shall be a one piece EPDM (ethylene propylene diene monomer) molded rubber boot having a serviceable temperature range of -65°F to 212°F (for standard applications) or silicone molded rubber boot having a serviceable temperature range of -100°F to 437°F (for high temperature applications) and shall be resistant to ozone and ultraviolet rays. Units shall have an aluminum flanged base ring. **Do not install pipe flashings through any panel seams - install ONLY in the flat portion of the panel.**

## **PART 3 - EXECUTION**

### **3.01 SURFACE CONDITIONS**

- A. Examination: Inspect installed work of other trades and verify that such work is complete to a point where this work may continue. Verify that installation may be made in accordance with approved shop drawings and manufacturer's instructions. This specifically includes verifying that secondary structural members and/or decking are installed to meet UL and building code requirements. Coordinate with metal roof system manufacturer to insure that reduced clip spacings at eave, rake, ridge and corner areas are accommodated.
- B. Discrepancies: In event of discrepancy, notify the architect. Do not proceed with installation until discrepancies have been resolved.

### **3.02 INSTALLATION**

- A. Install metal roof system so that it is weather-tight, without waves, warps, buckles, fastening stresses or distortion, allowing for expansion and contraction.
- B. Install metal roof system in accordance with manufacturer's instructions and shop drawings.
- C. Provide concealed anchors at all panel attachment locations.
- D. Install panels plumb, level and straight with seams and ribs parallel, conforming to design as indicated.

### **3.03 ROOF CURB INSTALLATION**

- A. Comply with metal roof system manufacturer's shop drawings, instructions and recommendations for installation of roof curbs. Refer to metal roof system manufacturer's standard installation details. Anchor curbs securely in place with provisions for thermal and structural movement.

### **3.04 CLEANING, PROTECTION**

- A. Dispose of excess materials and remove debris from site.
- B. Clean work in accordance with manufacturer's recommendations.
- C. Protect work against damage until final acceptance. Replace or repair to the satisfaction of the architect (owner), any work that becomes damaged prior to final acceptance.
- D. Touch up minor scratches and abrasions with touch up paint supplied by the metal roof system manufacturer.
- E. Do not allow panels or trim to come in contact with dissimilar metals such as copper, lead or graphite. Water run-off from these materials is also prohibited. This specifically includes condensate from roof top A/C units.
  - 1. Separate dissimilar metals from each other by painting each metal surface in area of contact with a bituminous coating, or by applying adhesive polyethylene underlayment to each metal surface, or by permanent separation as recommended by manufacturer.

**END OF SECTION 07 41 13**

BID FORM – MATERIAL SUPPLIER PACKAGES

BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
BRINKLEY, ARKANSAS

SECTION 00 41 50 – BID FORM – MATERIAL SUPPLIER PACKAGES

NAME OF JOB: BRINKLEY HIGH SCHOOL PACKAGE NO. 2 – SITE,  
BUILDING & SITE CONCRETE, STEEL (FOB), PEMB (FOB)

BID PLACE: 1000 W. Capitol Avenue, Little Rock, AR 72201

BID DATE: December 17th @ 2:00PM Local Time

Proposal of:

\_\_\_\_\_  
(Hereinafter called “Bidder”), a Corporation organized and existing under the laws of the State of \_\_\_\_\_, a Partnership or an Individual doing business as:

\_\_\_\_\_  
NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY, STATE, ZIP CODE

\_\_\_\_\_  
FEDERAL TAX ID NO

TO: BALDWIN & SHELL CONSTRUCTION COMPANY  
1000 WEST CAPITOL AVE., LITTLE ROCK, AR 72201

Bids shall be privately reviewed and tabulated. The bid shall be based on the items and brands named on the Contract Documents:

The Undersigned, having carefully examined the Plans and Specifications, the General Conditions of the Contract and other related Baldwin and Shell Contract Documents and having made a thorough survey of the sites of the proposed work, satisfying themselves as to the conditions under which the work under this contract must be performed, hereby propose(s) to furnish all of the necessary materials called for in the Contract Documents, in the manner and under the conditions required as follows:

Bidder agrees to supply all of the material of the indicated Material Supplier Package described in the Contract Documents, Specifications and shown on the plans for the complete Material Supplier Package:

**Material Supplier Package No.:** \_\_\_\_\_

**Material Supplier Package Title:** \_\_\_\_\_

(See Bid Package Schedule for description of Material Supplier Packages)

\_\_\_\_\_  
\_\_\_\_\_  
DOLLARS (\$ \_\_\_\_\_)



BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
BRINKLEY, ARKANSAS

**SUPPLY BOND**

For a Material Supplier Package Bid Proposal Amount in excess of \$100,000.00 the Bidder agrees to provide a Supply Bond executed on Baldwin and Shell’s Standard Forms without alteration and as described in the Project Manual for the following amount **included in the above Base Bid Proposal:** *(Insert N/A for Material Supplier Package Proposal less than \$100,000)*

\_\_\_\_\_ (\$ \_\_\_\_\_)  
DOLLARS

**BID BONDS**

A 5% Bid Bond or Cashier’s Check is required on Material Supplier bids in excess of \$100,000.00.

The Bid security attached in the sum of:

\_\_\_\_\_ (\$ \_\_\_\_\_)  
DOLLARS

is to become the property of the Construction Manager in the event the Contract and Bonds are not executed within the time set forth as liquidated damages for the delay and additional expense to the Owner caused thereby.

I, We acknowledge receipt of the following addenda:

No. \_\_\_\_\_ No. \_\_\_\_\_ No. \_\_\_\_\_ No. \_\_\_\_\_ No. \_\_\_\_\_ No. \_\_\_\_\_ No. \_\_\_\_\_

I, We acknowledge our bid is based on all the project drawings and specifications:

Dated: \_\_\_\_\_

Bidders hereby agree to commence work under this proposal on or before a date to be specified in a written notice to proceed from the Construction Manager.

The time for completion for the Base Bid is listed below:

**See Construction Manager’s Project Schedule.**

Bidder understands that the Construction Manager reserves the right to reject any or all bids and to waive any formalities in the bidding. The bidder agrees that this bid shall be good and may not be withdrawn for a period of 60 calendar days after scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute Baldwin and Shell’s Standard Purchase Order within seven (7) days and deliver a Supply Bond on Baldwin and Shell’s standard Bond forms, without alteration, as required by the General Conditions of the Contract.

BID FORM – MATERIAL SUPPLIER PACKAGES

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**Respectfully submitted:**

**Bidder:** \_\_\_\_\_

**Name:** \_\_\_\_\_  
Print Name

**By:** \_\_\_\_\_  
Authorized Company Officer Signature

**Title:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_  
\_\_\_\_\_

Are you a WBE, MBE, SBE, DBE, DVBE, or HUB Owned Business? If Other, please list: \_\_\_\_\_  
Circle All That Apply

**Telephone Number:** (\_\_\_\_) \_\_\_\_\_

**Fax Number:** (\_\_\_\_) \_\_\_\_\_

**Email Address:** \_\_\_\_\_

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TO: BRINKLEY SCHOOL DISTRICT

I, hereby state:

- (1) I am the duly authorized agent of \_\_\_\_\_ . The bidder submitting the competitive bid which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of collusion among and between bidders and state officials, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the awarding of any contract pursuant to the bid to which this statement is attached.
- (2) I am fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached have been personally and directly involved in the proceeding leading to the submission of the bid.
- (3) Neither the bidder nor anyone subject to the bidder's direction or control has been a party:
- (A) To any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding;
  - (B) To any collusion with any state official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of the prospective contract; or
  - (C) In any discussion between bidders and any state official concerning exchange of money or other thing of value of special consideration in the awarding of contract.

\_\_\_\_\_  
**Signature**

**Subscribed and sworn to before me this**  
\_\_\_\_\_ day of \_\_\_\_\_, 2024

\_\_\_\_\_  
**Notary Public**

BRINKLEY HIGH SCHOOL PACKAGE 2  
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The following information is provided to assist bidders in complying with various laws and rules governing the bidding. It represents most of the requirements, which are often overlooked, and therefore, the cause for rejection of bid. Use of this checklist in no way relieves the bidder from complying with all other laws, parts of laws, regulations and requirements of the Specifications. Prior to sealing and/or submitting Proposal, **check-off** these items for accuracy and completeness:

**ITEMS CHECKLIST**

Five percent (5%) Bid Bond enclosed, signed and made out to the Construction Manager. (A cashier's check or money order in the amount of 5% of the bid made out to the Construction Manager is permitted. Company or personal checks not acceptable.) This is only required if the bid is in excess of \$100,000.00.

Bid signed by Authorized Company Officer.

Addenda/addendum acknowledged.

Date of construction documents acknowledged.

Corrections initialed.

Project description, Material Supplier Package name & number, and bidder's name on the outside of envelope.

Use proper bid form.

Bid must be delivered prior to bid opening time. If bid is mailed, allow sufficient time for mail delivery.

Non-collusion statement signed and notarized.

Alternates included where applicable.

END OF SECTION

BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
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SECTION 00 52 00 – BID PACKAGE SCHEDULE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes a summary of each contract, including responsibilities for coordination and temporary facilities and controls.
- B. Related Sections include the following:

00 01 01	PROJECT TITLE PAGE
00 01 10	TABLE OF CONTENTS
00 11 16	INVITATION TO BID
00 21 13	INSTRUCTIONS TO BIDDERS
00 31 19	EXISTING CONDITION INFORMATION
00 31 32.01	GEOTECHNICAL DATA
00 31 32.02	COPY OF GEOTECHNICAL REPORT
00 41 00	BID FORM – TRADE CONTRACTOR PACKAGES
00 41 50	BID FORM – MATERIAL SUPPLIER PACKAGES
00 42 00	UNIT PRICES BID FORM
00 52 00	BID PACKAGE SCHEDULE
00 52 10	CONSTRUCTION MANAGER CONTRACT DOCUMENTS CONSTRUCTION MANAGER CONSTRUCTION SCHEDULE <b>PRE-BID RFI LOG</b>
00 52 13	AGREEMENT FORM – STIPULATED SUM (SINGLE PRIME CONTRACT) AIA A101 – 2017, Standard Form of Agreement Between Owner and Contractor (Reference Only)
00 72 13	GENERAL CONDITIONS
00 73 19.13	OSHA GUIDELINES FOR TRENCH SAFETY
01 11 00	SUMMARY OF WORK
01 33 00	SUBMITTAL AND SUBSTITUTION PROCEDURES WD&D Substitution Form
01 45 23	TESTING AND INSPECTION SERVICES
01 50 00	TEMPORARY FACILITIES AND CONTROLS
01 57 23	TEMPORARY STORM WATER POLLUTION CONTROL
01 74 23	FINAL CLEANING
01 78 00	CLOSEOUT SUBMITTALS

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- C. Baldwin and Shell Standard Contract Documents: Each and Every Trade Contractor and Materials Purchase Order Company agrees to execute Baldwin and Shell's Standard Subcontract or Material Purchase Order and related Performance Bond and Payment Bond without alteration.
- D. Every Trade Contractor and Material Package bidder agrees to abide by Baldwin & Shell's EEO and Anti-Harassment Policy.
- E. Every Trade Contractor and Material Package bidder agrees to abide by Baldwin & Shell's Substance Abuse Policy.

1.3 COORDINATION

- A. Project Coordinator shall be responsible for coordination between the Trade and Materials Contracts.
  - 1. Construction Manager shall act as Project Coordinator.

1.4 TRADE CONTRACT BID PACKAGES

- A. Trade Contracts are separate contracts with the Construction Manager that represent significant construction activities performed concurrently with and closely coordinated with construction activities performed on the project under other separate trade contracts. Trade Contract Bid Packages for this project include:

- 1. *Asbestos Abatement & Remediation (Previously Bid)*
- 2. *Building Demolition (Previously Bid)*
- 3. ~~Building & Site Concrete~~ (Will bid in Future Building Package)
- 4. **Earthwork & Storm Drainage**
- 5. **Site Utilities**
- 6. **Earthwork, Storm Drainage, & Site Utilities Combo**

1.5 EXTENT OF TRADE CONTRACT WORK

- A. The extent of each trade contract is indicated in the Contract Documents. Except where no other more specific description is contained in the Contract Documents, general names and terminology on the drawings and in specification sections determine which trade contract includes a specific element of work.
- B. Local custom and trade-union jurisdictional settlements do not control the scope of work included in each trade contract. When a potential jurisdictional dispute or similar interruption of construction activities is first identified or threatened, the affected trade contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and its delays.

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1.6 CONTRACT DOCUMENTS

- A. The Owner through the Construction Manager will furnish 1 complete electronic set of Contract Documents to the successful trade Contractor for use in construction of the Work unless otherwise negotiated. Each Trade Contractor shall supply complete sets of Contract Documents to subcontractors or material suppliers.
- B. Additional sets of Contract Documents, beyond the sets furnished by the Owner, which are requested by a Trade Contractor, may be purchased from the Construction Manager at the Trade Contractor's expense. Refer to the General Conditions.

1.7 EXAMINATION OF THE PREMISES

- A. Before submitting proposal, each Trade Contractor will be held to have examined the premises and existing conditions under which Trade Contractor will be obligated to operate or that will in any manner affect the work under this contract.

1.8 RESPONSIBILITIES OF OWNER

- A. Responsibilities of Owner include the following:
  - 1. Owner furnished items as defined in the Contract Documents.

1.9 RESPONSIBILITIES OF CONSTRUCTION MANAGER

- A. Responsibilities of Construction Manager include the following:
  - 1. Provide two primary control points for layout.
  - 2. Provide temporary toilets.
  - 3. Provide 120-volt single phase electrical power fees. The electrical trade contractor is to provide the distribution of temporary power.
  - 4. Provide cost for dumpsters for construction waste, except for masonry waste.
  - 5. Pay for construction testing services as required by the Contract Documents.

1.10 RESPONSIBILITIES OF EACH TRADE CONTRACTOR

- A. All Trade Contractors in excess of \$50,000.00 must furnish a Performance and Payment Bond and it must be on Baldwin and Shell's Standard Bond Forms before a contract can be issued.
- B. Except as otherwise specifically stated in the Contract Documents, each Trade Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, superintendence, engineering and layout, safety, protection of work by others, traffic control, weather protection, clean up, storage, performance and payment bonds and **taxes legally collectable because of the work**. Each Trade Contractor shall provide all other services and facilities of every nature whatsoever necessary to execute the work of each contract and shall deliver the work complete in every respect within the specified time.

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- C. Engineering and Layout for your Work.
- D. Coordination with other trades.
- E. Temporary Facilities and Controls: In addition to specific responsibilities for temporary facilities and controls indicated in this Section and in Division 1 Section "Temporary Facilities and Controls", each contractor is responsible for the following:
  - 1. Installation, operation, maintenance, and removal of each temporary facility is usually considered as its own normal construction activity, and costs associated with each facility.
  - 2. Plug-in electric power cords and extension cords, supplementary plug-in task lighting, and special lighting and electrical power necessary exclusively for its own activities.
  - 3. Its own storage and fabrication sheds.
  - 4. Temporary enclosures for its own construction activities.
  - 5. Waste disposal, including collection and legal disposal of its own hazardous, dangerous, unsanitary, or other harmful waste materials. **Dumpster for construction waste provided by Construction Manager except for waste caused by Demolition trade contractors and Masonry Trade Contractors, Demolition and Masonry Trade Contractors shall haul off site their own waste or provide separate dumpsters for their sole and exclusive use. In no case shall any Demolition or Masonry Trade Contractor dispose of waste in Construction Manager provided dumpsters.**
  - 6. Progress cleaning of its own areas on a daily basis.
  - 7. Secure lockup of its own tools, materials, and equipment.
  - 8. Construction aids and miscellaneous services and facilities necessary exclusively for its own construction activities.
  - 9. Fire stopping of penetrations created by its work.
- F. Existing Conditions: Repair damage to existing improvements, facilities, buildings and utilities to the satisfaction of the Owner, without compromise to existing warranties, at no additional cost to the Owner.

1.11 WORK PERFORMED UNDER SEPARATE TRADE CONTRACTS

- A. This is not a complete list of all Work but is a general guideline. The Contract Documents for these sections determine the total scope of the work. Each Trade Contract Bid Package can be summarized as follows:



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**1. *Asbestos Abatement & Remediation (Previously Bid)***

*This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:*

*02 26 00 – HAZARDOUS MATERIAL ASSESSMENT  
Asbestos Sampling - High School Building  
Asbestos Survey - Small Gym*

*The Scope of Work shall specifically include but not necessarily be limited to the following:*

- a. Engineering & Layout for your Work.*
- b. Cost of Safety for your Personnel*
- c. Protection of Work by Others.*
- d. Daily Clean up.*
- e. Include Work Referred to as in the Related Specifications Section of the Specifications Sections Listed for this Trade Bid Package. All Work Related to or that is Integral for the Completion of the Work Specified under this Trade Bid Package are included.*
- f. Mobilizations & All Necessary Equipment Required for Completion of Work for this Package*
- g. Remove and properly dispose of all hazardous materials as required in the Asbestos Surveys.*
- h. Legally & Completely Dispose of Construction Debris & Provide Dumpsters for your Work.*
- i. Maintain and control dust from abatement.*
- j. Provide Superintendent throughout entire project.*
- k. Include Phase 1 work only.*
- l. File NOI with the Arkansas Department of Environmental Quality per Rule 21.*
- m. Provide temporary power for your work.*

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**2. *Building Demolition (Previously Bid)***

*This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:*

*02 41 13 – SELECTIVE SITE DEMOLITION  
02 41 19 – SELECTIVE STRUCTURE DEMOLITION*

*The Scope of Work shall specifically include but not necessarily be limited to the following:*

- a. *Engineering & Layout for your Work.*
- b. *Cost of Safety for your Personnel*
- c. *Protection of Work by Others.*
- d. *Daily Clean up.*
- e. *Include Work Referred to as in the Related Specifications Section of the Specifications Sections Listed for this Trade Bid Package. All Work Related to or that is Integral for the Completion of the Work Specified under this Trade Bid Package are included.*
- f. *Mobilizations & All Necessary Equipment Required for Completion of Work for this Package*
- g. *Dumpsters for your work.*
- h. *Coordination with Utility Companies.*
- i. *Legally & Completely Dispose of Construction Debris & Provide Dumpsters for your Work. Provide landfill tickets for verification.*
- j. *Building Demo in Entirety - All Structures, MEP / FP Systems, Interior Elements, Furniture, Fixtures, & Equipment.*
- k. *Remove All Utilities Completely. Includes Capping (Make Safe) & Removal of All Utilities Back to the Site Point of Entry above building slab.*
- l. *Dust & Erosion Control as required.*
- m. *Keep Dust/Mud/Rocks off of Roads.*
- n. *Import approved select fill at basement level of High School & Regrade Existing.*
- o. *Provide Earthwork Necessary to Conform Grade to Specified Levels Per Contract Drawings.*
- p. *Include Phase 1 work only.*
- q. *Exclude removal of building foundations except at basement of High School building.*
- r. *Exclude removal of site Asphalt, Sidewalk, Curb & Gutter and Base Rock.*
- s. *Fill Excavations, Open Pits, Trenches, & Holes in Ground Areas Due to Building & above slab utility demo.*
- t. *Provide Superintendent throughout entire project.*

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**3.—~~Building & Site Concrete~~ (Will bid in Future Building Package)**

~~This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:~~

~~03 01 00—Site Concrete Work  
03 10 00—Concrete Forming and Accessories  
03 15 00—Site Concrete Expansion, Construction, and Contraction Joints  
03 20 00—Concrete Reinforcing  
03 20 01—Site Concrete Reinforcing  
03 30 00—Cast In Place Concrete  
03 60 00—Grouting  
31 31 16—Termite Control  
32 11 23—Aggregate Base Course  
32 13 13—Concrete Paving~~

~~The Scope of Work shall specifically include but not necessarily be limited to the following:~~

- ~~a. Engineering and Layout for your work~~
- ~~b. Cost of safety for your personnel~~
- ~~c. Protection of Work by others~~
- ~~d. Daily Clean-up~~
- ~~e. Include work referred to as in the Related Specifications Section of the—  
—Specifications Sections listed for this Trade Bid Package. All Work related to or that  
—is integral for the completion of the Work specified under this Trade Bid Package—  
—are included—~~
- ~~f. Provide All Necessary Equipment Required for Completion of Work~~
- ~~g. Multiple Mobilizations for Phase 1 and 2 as Required to Complete this Bid Package~~
- ~~h. Provide, Maintain, and Remove Washout Pit Upon Completion~~
- ~~i. Concrete Foundations; Complete~~
- ~~j. Slab on Grade, Base Rock, Under slab vapor barriers, Vapor Barriers; Complete~~
- ~~k. Raised & Recessed floor slabs, Ramps, Risers, Stairs, Benches, Steps, Seating,  
Locker bench bases/tops, Complete—~~
- ~~l. Provide Concrete Reinforcing Steel & Devices; Complete~~
- ~~m. Removal of Debris/Spoils Offsite Generated by Work of this Trade Package~~
- ~~n. Provide and Install Expansion Joints & Covers that occur in concrete~~
- ~~o. Provide Concrete Light Pole Bases, including rubbing—Anchor Bolts and Light  
Poles by Electrical Subcontractor~~
- ~~p. Install Anchor Bolts, Handrail Sleeves, Embeds, Bollards, Dumpster Gate & Posts—  
Supplied by Structural Steel Supplier~~
- ~~q. Include Detectable Warning Surfaces at Sidewalks~~
- ~~r. Provide all Exterior Sidewalks, Curb & Gutter, Mechanical / Housekeeping /  
Transformer / Generator Pad, and Dumpster Enclosure Pad as shown in plans and all  
Base Rock per plans and specs—Coordinate with Material Suppliers and MEP  
Subcontractors~~
- ~~s. Waterstops as Required by Plans and Specs~~

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- t. ~~Exclude base rock under Asphalt~~
- u. ~~Termite Control~~
- v. ~~Grouting of Base Plates~~
- w. ~~Excavation and Backfill of All Building Concrete Work~~
- x. ~~Excavation of any recesses slab areas whether located in the Building or on Site~~
- y. ~~Tie into existing sidewalks, curbs & gutters and concrete paving (to include saw-cutting as needed)~~
- z. ~~All building & site concrete sawcut, expansion, and control joints per plans and specifications~~
- aa. ~~Exclude Concrete Flagpole Base—By Flagpole Subcontractor~~
- bb. ~~Exclude Sealed Concrete & Polished Concrete Floor Finishes—to be by Others~~
- cc. ~~Exclude sidewalk to relocated portable classrooms—By Others~~
- dd. ~~Laser Screed equipment must be utilized when pouring building slabs~~
- ee. ~~Provide Unit Prices for All Applicable Items on the Unit Price Bid Form~~

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**4. Earthwork & Storm Drainage**

This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:

01 57 23 – Temporary Storm Water Pollution Control  
02 41 13 – Selective Site Demolition  
31 00 00 - Earthwork  
31 00 10 – Earthwork - Architectural  
31 11 00 – Clearing & Grubbing  
31 23 33 – Trenching and Backfilling  
32 11 23 – Aggregate Base Course (**As it pertains to your work**)  
32 92 20 – Temporary Seeding and Mulching  
33 05 33.14 – Corrugated-Wall, Smooth Interior HDPE Pipe  
33 42 10 – Storm Utility Drainage Piping

The Scope of Work shall specifically include but not necessarily be limited to the following:

- a. Engineering and Layout for your work
- b. Cost of safety for your personnel
- c. Protection of Work by others
- d. Daily Clean up
- e. Include work referred to as in the Related Specifications Section of the Specifications Sections listed for this Trade Bid Package. All Work related to or that is integral for the completion of the Work specified under this Trade Bid Package are included
- f. Provide All Necessary Equipment Required for Completion of Work
- g. Multiple Mobilizations for Phase 1 and 2 as Required to Complete this Bid Package
- h. Furnish and Install Erosion Control Measures for your Work
- i. Provide, Maintain, and Remove Construction Entrances
- j. Include Tree Protection
- k. Salvage engraved brick pavers, bench, sign and marquee digital sign, D.01
- l. Include removal of items stated to be by Earthwork Contractor, D.01
- m. Installation, Maintenance, and Removal of SWPPP. (Maintain while on site)
- n. Include all costs for Grading Permit
- o. Haul Off of All Debris/Spoils Generated by Work of this Trade Package
- p. Clear and Grub Site as Shown on Plans and Specs; Remove and dispose of offsite
- q. Import/Export of Soils Per Plans, Specs, and Geotechnical Report
- r. Include removal of building foundations/footings
- s. Include removal of Site Concrete, Asphalt, Sidewalk and Curb & Gutter
- t. Strip, Stockpile, and Respread Stockpiled Topsoil as Required; haul off any excess
- u. Backfill curb & gutter
- v. Maintain clean streets while on site
- w. Provide All Site Storm and Roof Drainage piping and structures; Complete
- x. Provide connections to downspouts, including downspout boots
- y. Provide roof drains to within 5' of building at storm drain lines that run under-slab, final connection by Plumbing Subcontractor

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- z. Trenching, backfill, and compaction for storm drainage work, per Geotech report
- aa. Trench Safety
- bb. Exclude Specified Undercut and Replacement of Unsuitable Soils Allowances
- cc. Provide applicable Unit Prices on the Unit Prices Bid Form
- dd. Include modifications to storm drainage structures, complete**

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**5. Site Utilities**

This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:

- 01 57 23 – Temporary Storm Water Pollution Control
- 31 23 33 – Trenching and Backfilling
- 32 11 23 – Aggregate Base Course **(As it pertains to your work)**
- 33 01 10.58 – Disinfection of Water Utility Piping System
- 33 05 05.31 – Hydrostatic Testing
- 33 05 19 – Ductile Iron utility Water Pipe and Fittings
- 33 05 31.11 – Polyvinyl Chloride Gravity Sewer Pipe
- 33 12 19 – Water Utility Distribution Fire Hydrants
- 33 14 01 – Polyvinyl Chloride Pipe and Fittings
- 33 30 00 – Sewage Collection System

The Scope of Work shall specifically include but not necessarily be limited to the following:

- a. Engineering and Layout for your work
- b. Cost of safety for your personnel
- c. Protection of Work by others
- d. Daily Clean up
- e. Include work referred to as in the Related Specifications Section of the Specifications Sections listed for this Trade Bid Package. All Work related to or that is integral for the completion of the Work specified under this Trade Bid Package are included
- f. Provide All Necessary Equipment Required for Completion of Work
- g. Multiple Mobilizations for Phase 1 and 2 as Required to Complete this Bid Package
- h. Furnish and Install Erosion Control Measures for your Work
- i. Protect and Maintain Condition of Erosion Control Measures Provided Under this Trade Package During the Execution of this Scope of Work
- j. Provide Domestic Water Service from main to water meter location, complete, to also include all tapping fees, utility company fees, and meter setter.
- k. Provide Sanitary Sewer Services from main to within 5' from Building, complete – Final Connection by Plumbing Subcontractor.
- l. Include local sanitary sewer inspection and manhole tie-in fees
- m. Provide concrete at protection collars for sanitary sewer cleanouts
- n. Include cutting and capping and/ or removal of sewer lines as shown
- o. Exclude Grease trap and associated Sanitary Sewer lines – By Plumbing Subcontractor
- p. Provide Water service from main to meter setter/meter.
- q. ~~Provide and Install the Irrigation service and setter/meter~~
- r. Include local domestic water fees for meters, inspections and tie-ins
- s. Exclude water service from meter to building – By Plumbing Subcontractor
- t. Include cutting and capping and/or removal of water lines as shown.
- u. Site Fire Line to within 5' of building slab edge & all Fire Hydrant assemblies up to and including the Demarcation Valve.

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- v. Provide Site FDC from FDC to within 5' of building, complete
- w. Exclude gas piping – By Plumbing Subcontractor
- x. Trench compaction per Geotech report
- y. Trench Safety
- z. Exclude Specified Undercut and Replacement of Unsuitable Soils Allowances
- aa. Provide applicable Unit Prices on Unit Prices Bid Form
- bb. Locate crossing waterline and provide elevation to engineer prior to construction per note on C4.0
- cc. Exclude site electrical – By Electrical Subcontractor**



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**6. Earthwork, Storm Drainage, & Site Utilities Combo**

This Trade Package shall include the complete Scope of Work as described in Trade Contractor Package #4 Earthwork & Storm Drainage and Trade Contractor Package #5 Site Utilities without exception.

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PART 2 - DEFINITION OF THE EXTENT OF TRADE CONTRACT WORK

- A. Determines which Trade contract includes a specific element of work.
- B. Local custom and trade union jurisdictional settlements do not control the scope-of-work included in each Trade contract. When a potential jurisdictional dispute or similar interruption of construction activities is first identified or threatened, the affected Trade contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and its delays.
- C. As point of clarifications, note the following:
  - 1. Construction Manager will provide Temporary Toilets.
  - 2. Construction Manager will be responsible for Temporary Fencing.
  - 3. Construction Manager will be responsible for Geotechnical Testing and Inspections.

1.12 MATERIALS PURCHASE ORDER BID PACKAGES

- A. Materials Purchase Order Bid Packages: All Materials Purchase Order Bid Packages are separate supply contracts with the Construction Manager and shall include furnishing all shop drawings and other required submittals. Coordinate work of these supply contracts with Construction Manager's Representative and work of Trade Contractors. Refer to Contract Documents for details of packages. Material Purchase Order Packages in excess of \$100,000.00 will require a 5% Bid Bond and a 100% Payment Bond. Cost of the 100% Payment Bond is to be included in the Bid Amount. Material Purchase Order Packages for this project include:

**60. Structural & Miscellaneous Steel Fabrication (FOB)**

**61. PEMB (FOB)**

1.13 WORK PERFORMED UNDER SEPARATE MATERIALS PURCHASE ORDER BID PACKAGES

- A. This is not a complete list of all Work but is a general guideline. The Contract Documents for these sections determine the total scope of the work. Each Materials Purchase Order Bid Package can be summarized as follows:

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**60. Structural & Miscellaneous Steel Fabrication (FOB)**

This Material Purchase Order Bid Package shall include the complete Scope of Work as described in the following Specification Sections without exception:

- 05 10 00 – Structural Steel
- 05 20 00 – Metal Joists
- 05 30 00 – Metal Decking
- 05 40 00 – Cold Formed Structural Steel Framing
- 05 50 00 – Metal Fabrications (as applicable)

The Scope of Work shall specifically include but not necessarily be limited to the following:

- a. Engineering, Submittals and Shop Drawings
- b. Exclude Sales Tax
- c. Provide a bid bond with your bid if the bid is in excess of \$100,000.00.
- d. Include the costs of premiums for a Material Supply Bond in your bid if the bid is in excess of \$100,000.00.
- e. Note: Structural Steel Shops at areas where it ties into PEMB shall be provided first to coordinate with PEMB Supplier
- f. Note: must meet all GALVANIZED requirements
- g. Coordination through the GC with PEMB Supplier, and MEP Contractors
- h. Furnish FOB to the project site, All Structural and Miscellaneous steel per Plans and Specs.
- i. Furnish FOB to the project site, All Composite and Steel Decking
- j. Furnish FOB to the project site, All Handrails
- k. Furnish FOB to the project site, All Metal Ladders (Access, Roof) and Bollards
- l. Furnish FOB to the project site, Anchor Bolts & Base Plates for Structural Steel Items
- m. Furnish FOB to the project site, embeds & loose lintels
- n. Furnish FOB to the project site Structural Steel Joists
- o. Furnish FOB to the project site Dumpster gates, frame, hardware, and supports
- p. Furnish FOB to the project site, Mechanical equipment frames
- q. Furnish FOB to the project site, channel tie beam, splice, and embed connections
- r. Furnish FOB to the project site, 1-1/2" diameter steel pipe for Stage Lighting
- s. Furnish FOB to the project site, Galvanized steel at Equipment Screen
- t. Furnish FOB to the project site, steel clip angles, bent plates and anchors at exterior wall fins, **assume 5" x 5" bent plate with 1/2" thru bolts to 3" x 5" plate on opposite side. Use silicone washer between steel and aluminum fin to separate dissimilar metals**
- u. Exclude PEMB
- v. Exclude Stock Hat Channel for Cladding Support
- w. Exclude Stainless Steel Wall Panels
- x. Exclude Curtain and Clothes Hanger Rods

BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
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**61. PEMB (FOB)**

This Trade Package shall include the complete Scope of Work as described in the following Specification Sections without exception:

**07 21 16 – Blanket Insulation for Metal Buildings**

**07 41 13 – Metal Roof Panels**

13 34 19 – Metal Building Systems

The Scope of Work shall specifically include but not necessarily be limited to the following:

- a. Engineering, Submittals and Shop Drawings
- b. Exclude Sales Tax
- c. Provide a bid bond with your bid if the bid is in excess of \$100,000.00.
- d. Include the costs of premiums for a Material Bond in your bid if the bid is in excess of \$100,000.00
- e. Provide BIM, if required
- f. Provide Shop Drawings and Reactions
- g. Provide FOB All Items Associated with Pre-Engineered Metal Building including All Miscellaneous Steel/Metal Associated with PEMB
- h. Provide any Hangers and Outriggers as noted in drawings as by the **M.B. MFR**
- i. Provide any Purlins as noted in drawings as by the **M.B. MFR**
- j. Furnish FOB to the project site, All Metal Building **Roof Liner Insulation System**, including double layer w/thermal break at roof
- k. **Furnish FOB to the project site, Metal Roof Deck at Lo Metal Building Roof per note on S3.3**
- l. **Furnish FOB to the project site, all Standing Seam Metal Roof Panels**
- m. Furnish FOB to the project site, All Gutters & Downspouts & Splash Pans at PEMB Structure Only
- n. Furnish FOB to the project site, All required Flashings and Trims associated with the PEMB
- o. Furnish FOB to the project site, All PEMB Framing - Primary & Secondary
- p. Furnish FOB to the project site, All anchor bolts for PEMB
- q. Furnish FOB to the project site, Snow & Ice Retention System
- r. All fasteners to be concealed per note on DTL 2/A3.6
- s. **Exclude wall insulation – By Drywall Subcontractor**
- t. **Exclude metal wall panels – By Metal Wall Panel Subcontractor**

BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
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PART 2 – ENGINEERING AND SHOP DRAWINGS

1.14 CONSTRUCTION DRAWINGS AND PROJECT MANUAL

- A. The owner (through the Construction Manager) will furnish electronic sets of Contract Drawings and the Project Manuals in the following quantities, without cost, to each Trade Contractor for his use in construction of the work unless otherwise negotiated. Each Trade Contractor is to supply all Contract Drawings and Project Manuals to his subcontractors or material suppliers.
  - 1. Everyone one (1) electronic set except:
    - a. Trade Contract/Material Purchase Order .....1 set
- B. Additional sets or portions of Contract Drawings and Project Manuals, beyond the sets furnished by the Owner, that are requested by a Trade Contractor or Materials Purchase Order Company, will be furnished for the actual cost of printing at the Trade Contractor’s or Materials Purchase Order Company’s expense.

1.15 EXAMINATION OF THE PREMISES

- A. Before submitting his quotation, each Trade Contractor will be held to have examined the premises and satisfied himself as to existing conditions under which he will be obligated to operate or that will in any manner affect the work under this contract.

1.16 TRADE CONTRACTORS USE OF PREMISES

- A. General: The Trade Contractors shall limit their use of the premises to construction activities in areas indicated; allow for Owner occupancy and use by the public.
  - 1. Confine operations to areas within contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
  - 2. Burial of waste materials: Do not dispose of organic and hazardous material on site, either by burial or by burning.
  - 3. Each Trade Contractor will be responsible for leaving work area broom clean.

1.17 COLOR RELATED ITEMS

- A. Verify color/texture/pattern selections prior to ordering and prior to application/installation.

BRINKLEY HIGH SCHOOL PACKAGE 2  
BRINKLEY SCHOOL DISTRICT  
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1.18 TIME FOR COMPLETION

- A. Time for substantial completion of all work under this contract is **per the Construction Manager's Construction Schedule.**

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION



## Pre-Bid Request for Information Log - BRINKLEY HIGH SCHOOL PACKAGE #2

Number	Request for Information	Submitted by	Date	Status	Answer	Answered by	Date Answered
1	Subcontractors are still questioning detail 12/S4.3: specifically wanting more information on the bent plate/connection plate/thru bolts.	Baldwin & Shell	12/3/2024	Closed	Assume 5" x 5" bent plate with 1/2" thru bolts to 3" x 5" plate on opposite side. Use silicone washer between steel and aluminum fin to separate dissimilar metals	NLM, WDD	12/6/2024
2	The notes from Package 1 plans were not incorporated into the Package 2 civil sheets. Can those be issued in Addendum 1?	Baldwin & Shell	12/3/2024	Closed	Yes, they will be referenced on updated sheet index on sheet T0.1	NLM, WDD	12/6/2024
3	Sheet C1.0 has a key note 108 shown by two curb inlets on the north-east corner of the property, but there isn't a Keyed Note for 108 in the legend: What is 108?	Baldwin & Shell	12/6/2024	Closed	Note 108 is to read "REMOVE TOP OF DRAINAGE STRUCTURE". Refer to C4.0 drainage plan for more information.	DW, MCE	12/6/2024
4	Sheet S1.1 shows the slab recessed for showers – but we do not have that depression dimension. Please provide.	Baldwin & Shell	12/6/2024	Closed	Provide a 2" slab recess at all showers, this will be clarified on architectural details.	NLM, WDD	12/6/2024
5	Is the site electrical bidding in this package?	Subcontractor	12/6/2024	Closed	No, it will bid in Future Building Package.	Baldwin & Shell	12/6/2024
6	Can we be provided with specs for the wall and roof insulation at the PEMB portion of the building? There is not any insulation specified in the Metal Building spec section nor is there an insulation spec section.	Baldwin & Shell	12/6/2024	Closed	Wall insulation to be part of drywall/metal stud install, not in metal building system. Roof insulation see question 8 below.	NLM, WDD	12/9/2024
7	Are we to include the recommended Undercut & Replacement of Unsuitable Soils quantities in the Earthwork & Storm Drainage Base Bid?	Subcontractor	12/9/2024	Closed	Do NOT include quantities in Base Bid. Please provide Unit prices on Unit Prices Bid Form. Unit Prices #1 and #4 will be used to establish an Undercut & Replacement of Unsuitable Soils Allowance. Please base said unit prices #1 and #4 off of 12,292 CY's for the entire building and 6,465 Cy's for all of the driveway/parking areas.	Baldwin & Shell	12/9/2024
8	A3.4 detail 4 and A3.6 details 1 & 2 referencing R29 Double Layer Roof Insulation. Is the R29 to be Skyliner (6" R19 between purlins + 3" R10 over purlins)? And is the roof insulation White or Black?	Supplier	12/9/2024	Closed	Yes liner system with R-10 over the purlins, R-19 between the purlins with R-5 thermal blocks. Vapor barrier to be white. Use Lamtec "Gym Guard" vapor barrier at gymnasium. Use Lamtec "WMP-VR" all other locations within PEMB.	NLM, WDD	12/9/2024
9	Are the Metal Wall Panels at the PEMB portion of the building PEMB panels? There is not a spec section for these panels and the plans do not indicate a PEMB panel.	Supplier	12/10/2024	Closed	Metal WALL Panels MP-1, MP-2, MP-3 and MP-4 will not be included in Package 2. Standing Seam Roof Panels remain in PEMB scope. See revised Bid Package Schedule in Addendum 3.	Baldwin & Shell	12/10/2024
10	Are the Standing Seam Metal Roof Panels MP-1 panels? There is not a spec section for Roof Panels and the drawings do not clearly identify.	Supplier	12/10/2024	Closed	No they are not MP-1 panels. Refer to Addendum 3 for correct Metal Roof Panels to be included in PEMB (FOB) Material Supplier Package.	Baldwin & Shell	12/12/2024
11	Where is the Material Supplier Bid Form? It is in the Table of Contents but not in the Project Manual.	Supplier	12/10/2024	Closed	Will be issued in Addendum 3.	Baldwin & Shell	12/10/2024



# Brinkley High School Bid Package 2 Preliminary Construction Schedule

ID	Task Name	% Complete	Duration	Start	Finish	Half 2, 2024							Half 1, 2025							Half 2, 2025							Half 1, 2026							Half 2, 2026							Half 1, 2027													
						A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M											
0	<b>Brinkley High School</b>	<b>0%</b>	<b>517 days</b>	<b>Mon 10/21/24</b>	<b>Mon 11/2/26</b>	[Gantt bar spanning from Mon 10/21/24 to Mon 11/2/26]																																																
1	<b>Preconstruction</b>	<b>0%</b>	<b>324 days</b>	<b>Tue 11/12/24</b>	<b>Mon 2/23/26</b>	[Gantt bar spanning from Tue 11/12/24 to Mon 2/23/26]																																																
2	<b>Phase I</b>	<b>0%</b>	<b>54 days</b>	<b>Tue 11/12/24</b>	<b>Fri 1/31/25</b>	[Gantt bar spanning from Tue 11/12/24 to Fri 1/31/25]																																																
3	Abatement (NIC)	0%	25 days	Tue 11/12/24	Wed 12/18/24	[Gantt bar for Abatement (NIC) from Tue 11/12/24 to Wed 12/18/24]																																																
4	Demo (NIC)	0%	24 days	Mon 12/30/24	Fri 1/31/25	[Gantt bar for Demo (NIC) from Mon 12/30/24 to Fri 1/31/25]																																																
5	<b>Phase II</b>	<b>0%</b>	<b>16 days</b>	<b>Tue 12/17/24</b>	<b>Fri 1/10/25</b>	[Gantt bar spanning from Tue 12/17/24 to Fri 1/10/25]																																																
6	Bid	0%	0 days	Tue 12/17/24	Tue 12/17/24	[Gantt bar for Bid from Tue 12/17/24 to Tue 12/17/24]																																																
7	Owner Approval	0%	0 days	Mon 1/6/25	Mon 1/6/25	[Gantt bar for Owner Approval from Mon 1/6/25 to Mon 1/6/25]																																																
8	Notice to Proceed	0%	1 day	Mon 1/6/25	Mon 1/6/25	[Gantt bar for Notice to Proceed from Mon 1/6/25 to Mon 1/6/25]																																																
9	Subcontractor Release	0%	4 days	Tue 1/7/25	Fri 1/10/25	[Gantt bar for Subcontractor Release from Tue 1/7/25 to Fri 1/10/25]																																																
10	<b>Procurement</b>	<b>0%</b>	<b>285 days</b>	<b>Fri 1/10/25</b>	<b>Mon 2/23/26</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 2/23/26]																																																
11	<b>Phase II</b>	<b>0%</b>	<b>105 days</b>	<b>Fri 1/10/25</b>	<b>Mon 6/9/25</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 6/9/25]																																																
12	<b>Structural Steel</b>	<b>0%</b>	<b>105 days</b>	<b>Fri 1/10/25</b>	<b>Mon 6/9/25</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 6/9/25]																																																
13	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																
14	Shop Drawings	0%	30 days	Mon 1/13/25	Fri 2/21/25	[Gantt bar for Shop Drawings from Mon 1/13/25 to Fri 2/21/25]																																																
15	B & S Approval	0%	5 days	Mon 2/24/25	Fri 2/28/25	[Gantt bar for B & S Approval from Mon 2/24/25 to Fri 2/28/25]																																																
16	Approval	0%	10 days	Mon 3/3/25	Fri 3/14/25	[Gantt bar for Approval from Mon 3/3/25 to Fri 3/14/25]																																																
17	Fabrication / Delivery Structural Steel	0%	35 days	Mon 3/17/25	Fri 5/2/25	[Gantt bar for Fabrication / Delivery Structural Steel from Mon 3/17/25 to Fri 5/2/25]																																																
18	PEMB Fabrication/Delivery	0%	60 days	Mon 3/17/25	Mon 6/9/25	[Gantt bar for PEMB Fabrication/Delivery from Mon 3/17/25 to Mon 6/9/25]																																																
19	<b>PEMB</b>	<b>0%</b>	<b>100 days</b>	<b>Fri 1/10/25</b>	<b>Mon 6/2/25</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 6/2/25]																																																
20	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																
21	Shop Drawings	0%	40 days	Mon 1/13/25	Fri 3/7/25	[Gantt bar for Shop Drawings from Mon 1/13/25 to Fri 3/7/25]																																																
22	B & S Approval	0%	5 days	Mon 3/10/25	Fri 3/14/25	[Gantt bar for B & S Approval from Mon 3/10/25 to Fri 3/14/25]																																																
23	Approval	0%	20 days	Mon 3/17/25	Fri 4/11/25	[Gantt bar for Approval from Mon 3/17/25 to Fri 4/11/25]																																																
24	Fabrication / Delivery	0%	35 days	Mon 4/14/25	Mon 6/2/25	[Gantt bar for Fabrication / Delivery from Mon 4/14/25 to Mon 6/2/25]																																																
25	<b>Phase III</b>	<b>0%</b>	<b>285 days</b>	<b>Fri 1/10/25</b>	<b>Mon 2/23/26</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 2/23/26]																																																
26	<b>Concrete</b>	<b>0%</b>	<b>45 days</b>	<b>Fri 1/10/25</b>	<b>Fri 3/14/25</b>	[Gantt bar spanning from Fri 1/10/25 to Fri 3/14/25]																																																
27	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																
28	Shop Drawings	0%	15 days	Mon 1/13/25	Fri 1/31/25	[Gantt bar for Shop Drawings from Mon 1/13/25 to Fri 1/31/25]																																																
29	B & S Approval	0%	5 days	Mon 2/3/25	Fri 2/7/25	[Gantt bar for B & S Approval from Mon 2/3/25 to Fri 2/7/25]																																																
30	Approval	0%	10 days	Mon 2/3/25	Fri 2/14/25	[Gantt bar for Approval from Mon 2/3/25 to Fri 2/14/25]																																																
31	Fabrication / Delivery Rebar	0%	20 days	Mon 2/17/25	Fri 3/14/25	[Gantt bar for Fabrication / Delivery Rebar from Mon 2/17/25 to Fri 3/14/25]																																																
32	<b>Panels</b>	<b>0%</b>	<b>105 days</b>	<b>Fri 1/10/25</b>	<b>Mon 6/9/25</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 6/9/25]																																																
33	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																
34	Shop Drawings	0%	30 days	Mon 1/13/25	Fri 2/21/25	[Gantt bar for Shop Drawings from Mon 1/13/25 to Fri 2/21/25]																																																
35	B & S Approval	0%	5 days	Mon 2/24/25	Fri 2/28/25	[Gantt bar for B & S Approval from Mon 2/24/25 to Fri 2/28/25]																																																
36	Approval	0%	10 days	Mon 3/3/25	Fri 3/14/25	[Gantt bar for Approval from Mon 3/3/25 to Fri 3/14/25]																																																
37	Metal Panels Fabrication/Delivery	0%	60 days	Mon 3/17/25	Mon 6/9/25	[Gantt bar for Metal Panels Fabrication/Delivery from Mon 3/17/25 to Mon 6/9/25]																																																
38	Aluminum Solar Shade	0%	60 days	Mon 3/17/25	Mon 6/9/25	[Gantt bar for Aluminum Solar Shade from Mon 3/17/25 to Mon 6/9/25]																																																
39	Translucent Panels	0%	60 days	Mon 3/17/25	Mon 6/9/25	[Gantt bar for Translucent Panels from Mon 3/17/25 to Mon 6/9/25]																																																
40	<b>Electrical</b>	<b>0%</b>	<b>218 days</b>	<b>Fri 1/10/25</b>	<b>Mon 11/17/25</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 11/17/25]																																																
41	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																
42	Submittals	0%	18 days	Mon 1/13/25	Wed 2/5/25	[Gantt bar for Submittals from Mon 1/13/25 to Wed 2/5/25]																																																
43	B & S Approval	0%	5 days	Thu 2/6/25	Wed 2/12/25	[Gantt bar for B & S Approval from Thu 2/6/25 to Wed 2/12/25]																																																
44	Approval	0%	10 days	Thu 2/13/25	Wed 2/26/25	[Gantt bar for Approval from Thu 2/13/25 to Wed 2/26/25]																																																
45	Gear Lead Time	0%	185 days	Thu 2/27/25	Mon 11/17/25	[Gantt bar for Gear Lead Time from Thu 2/27/25 to Mon 11/17/25]																																																
46	Electrical Panels Delivery	0%	0 days	Thu 5/29/25	Thu 5/29/25	[Gantt bar for Electrical Panels Delivery from Thu 5/29/25 to Thu 5/29/25]																																																
47	Electrical Gear Delivery	0%	0 days	Mon 11/17/25	Mon 11/17/25	[Gantt bar for Electrical Gear Delivery from Mon 11/17/25 to Mon 11/17/25]																																																
48	<b>Generator</b>	<b>0%</b>	<b>285 days</b>	<b>Fri 1/10/25</b>	<b>Mon 2/23/26</b>	[Gantt bar spanning from Fri 1/10/25 to Mon 2/23/26]																																																
49	Release	0%	0 days	Fri 1/10/25	Fri 1/10/25	[Gantt bar for Release from Fri 1/10/25 to Fri 1/10/25]																																																









