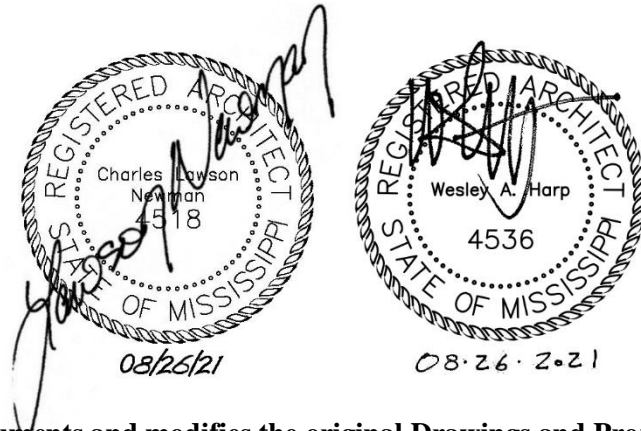


GS# 522-052, Thompson Lab PHIII
Mississippi State Department of Health
Bureau of Building, Grounds & Real Property Management

WFT Architects, P.A.
770 North State Street
Jackson, MS 39202
(O) 601-352-4691
mail@wftarchitect.com

ADDENDUM NO. #2:

Date of Addendum:
August 26, 2021



This addendum forms a part of the Bid Documents and modifies the original Drawings and Project Manual dated July 30, 2021.

GENERAL

Item No. 1

A Pre-Bid Conference was held on Wednesday, August 25th, 2021 at 10:00 A.M. at the project site. See attendance list and agenda included as Attachment No. 1 and clarifications below:

1. A general description of the project was provided by the MSDH representatives, and the Architect.
2. The bid date and time, location, and instructions to bidders were reviewed.
3. Refer to items contained within this Addendum No. 2 for clarifications to specific requests for clarification made at the meeting.
4. Architect clarified that the Contractor will be responsible for coordinating with the work of other contractors affecting the project including but not limited to test and balance and mechanical contractors. The general contractor shall coordinate with the Owner to schedule work that will affect the sequence of construction at each area of the building.
5. The following may be viewed at the Architect's office or obtained by request to the Architect:
 - a. Shop drawings of Architectural Precast Concrete systems to be demolished.
 - b. Shop drawings of Aluminum Curtainwall Systems to be modified.
 - c. Photographs of above ceiling conditions and/or laboratories which were inaccessible at the time of the prebid meeting.

PROJECT MANUAL

Item No. 2
Clarify:

List of Drawings
Omit reference to sheets A3.3.5 and A4.3.1.

Item No. 3
Revise:

Proposal Form, Section 00 4200
Replace the current Proposal Form, Section 00 4200, with the Proposal Form (Revised), Section 00 4200, included with this addendum as Attachment 2. Note the revision of the Contract Time.

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- Item No. 4** **Standard Form of Agreement Between the Owner and the Contractor, Section 00 5200**
- Revise:** Replace the current Standard Form of Agreement Between the Owner and the Contractor, Section 00 5200, with the Standard Form of Agreement Between the Owner and the Contractor (Revised), Section 00 5200, included with this addendum as Attachment 3. Note the revision of the Contract Time.
- Item No. 5** **Division 1, Section 01 8000, Special Requirements, Part 2 – Allowance Supplement, 2.01 – Schedule of Allowances**
- Revise:** Replace the page 24 included at Addendum 1, in Section 01 8000, Special Requirements, Part 2 – Allowance Supplement, 2.01 Schedule of Allowances, with the revised page number 24 included with this addendum as Attachment 4.
- Item No. 6** **Division 1, Section 01 8000, Special Requirements, Part 6 – Institution/Agency Requirements, Revise: Supplement, 6.02 – Contractor’s Use of Premises Supplement as Follows:**
- Revise:** Revise the first sentence at paragraph 6.02.B. as follows, “Access inside the Laboratory shall be limited to those employees of the Contractor and his subcontractors who have been formally identified in writing to the MSDH.”
- Revise:** Revise paragraph 6.02.C. as follows, “All Contractor’s personnel who have been identified to MSDH and who require access to the building, shall check in and out with MSDH security staff at the main, east entry.”
- Revise:** Revise second sentence at paragraph 6.02.D. as follows, “All access to the building’s interior work areas shall be made through designated doorways, using the building’s south stair. Access to interior work areas shall only be made through buffer and ante rooms as indicated on the Drawings.”
- Revise:** Revise paragraph 6.02.E. as follows, “The Contractor shall access the contained work areas inside the Laboratory building solely from the interior through buffer and ante rooms as indicated on the Drawings. At the south corridor, the Contractor shall provide and maintain a path of egress compliant with the International Building Code (IBC), from the corridor to the south stair tower, at all times, and shall not obstruct or limit passage through the stair. Temporary structures shall not be permitted to contact or be mechanically attached to the building without written permission from the Architect and Owner.”
- Revise:** Revise paragraph 6.02.F. as follows, “F. The Contractor shall not use the building's elevators for any reason (including transport of personnel, tools and materials). The building’s north stair shall only be used where permitted in writing by the Architect and Owner. The building’s south stair tower shall be used to provide access to interior work areas. The Owner will provide construction cores for the lockset at the base of the Stair. The Contractor shall be responsible for installing the construction cores and replacing the original cores at the completion of the project. The Contractor shall be responsible for maintaining the security of the stair, which shall remain locked from the outside, at all times. The Contractor shall not obstruct, lock, or otherwise restrict egress from the interior at any time.
- Add:** At paragraph 6.02.K, add the following: “Outdoor, gated storage space will be made available to the Contractor at the MSDH lot located at 3146 Lawson St, Jackson MS, 39213.”

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Mississippi State Department of Health
Bureau of Building, Grounds & Real Property Management

- Item No. 7** **Division 1, Section 01 8000, Special Requirements, Part 7 – Contractor’s Protection of Existing Materials: Supplement, 7.01 – Contractor’s Protection of the Interior:**
- Add:** Add paragraph 7.0.1.C as follows:
- “The Contractor shall be aware that the majority of spaces at the building are negatively pressurized in relation to the exterior, that the laboratory spaces contain equipment which is sensitive to humidity, dust, and other airborne contaminants; and that it is the Contractor’s sole responsibility to protect the interior of the building from the weather, airborne dust and debris, humidity, or other contaminants. Following the requirements for Allowances, the Contractor shall obtain competitive quotes for the services of a qualified containment specialist having experience providing engineering controls and mold remediation services on projects of similar scope to those required for this project. Contractor shall refer to Drawings at Sheets A0.1.1, A0.1.2, A0.1.3, and A0.1.4, which provide a general description of the access and containment barrier systems and pressurization required. The Contractor shall submit, for approval by the Certified Industrial Hygienist, Architect, and Owner, shop drawings describing the containment systems to be provided at each work area, following the general description provided at the Drawings.
- .1 The Contractor shall coordinate the work of the containment construction and mold remediation specialty subcontractor with test and balance and controls modifications to be provided under separate contract and overseen by the Owner’s mechanical engineer and laboratory.
 - .2 The containment construction and mold remediation specialty subcontractor shall submit qualifications as required under Part 8 of this Section and shall include the following:
 1. Company Information:
 - a. Company name, address, telephone number(s), and website (if applicable)
 - b. Documentation that the company has at least ten (10) years experience in the coordination and oversight of containment and mold remediation of the specific types required and involving the scope of work described in this and related Sections.
 2. Key Personnel:
 - a. Resumes, References and Proposed Role(s) of company personnel who will be directly involved in the work of this section. At minimum, identify Project Manager and Project Superintendent/Foreman proposed. References shall include current telephone contact information.
 - b. Provide documentation of experience for each role on projects of similar type, scale and/or complexity of subject project. A minimum of ten (10) years of documented experience with the company is required for Project Manager and Project Superintendent/Foreman. Experience must include projects involving engineering controls and mold remediation projects of similar scope, scale, and complexity as the subject project.
 - c. Provide documentation that the superintendent/ foreman has at least five (5) years. experience in the specific types of envelope restoration described in this Section.
 3. Project Portfolio:
 - a. Include documentation of a minimum of ten (10) projects of similar type, scale and/or complexity of the subject project which have been successfully completed within the past fifteen (15) years.

GS# 522-052, Thompson Lab PHIII
Mississippi State Department of Health
Bureau of Building, Grounds & Real Property Management

- b. Identify the involvement of proposed key personnel for subject project in each completed project.
- c. Documentation shall include project name, location, completion date, client name/contact, architect name/contact, contract amount and a detailed description of company's work. Provide sufficient details concerning materials/methods involved to allow comparison between its scope and complexity and that of the subject project.
- d. Include at least ten (10) high quality color images of each project illustrating company's work. Provide both images showing completed work and work in progress. Provide either captioned images or a written summary keyed to images highlighting relevance to work of subject project.

Item No. 8

Division 1, Section 01 8000, Special Requirements, Part 8 – Contractor Qualifications Submittal:

Revise:

Revise paragraph 8.01.B as follow: Temporary Protection, Containment and Mold Remediation Specialty Subcontractor: Mold remediation and engineering controls for containments (including installation, maintenance, and removal) shall be provided by a specialty containment subcontractor meeting the minimum requirements of Supplement 7.01 of this Section.

Item No. 9

Division 07, Section 07 4213, Insulated Core Metal Wall Panels

Add:

At paragraph 2.03.B.1 add the following subparagraph:

“b. Number of Colors: A single color shall be selected for use at all panels, trim, and accessories.

Revise:

At paragraph 2.05.7.a, replace subparagraph 1) with the following:

“1) Flat Panels: Basis of Design reveals of approx. 1.5”, with limited 2.5”, 3.5”, 6” reveals as indicated on Drawings. Reveal dimensions to be selected from manufacturer's standard widths.

Clarify:

Where panel widths indicated on Drawings exceed the width of manufacturer's maximum system width, panels may be subdivided. Architect to provide layout for coordination at shop drawings.

Item No. 10

Division 14, Section 14 8000, Scaffolding

Add:

Add Division 14, Section 14 8000 – Scaffolding, as included with this Addendum as Attachment 5.

DRAWINGS

Item No. 11

Sheet G1 – Drawing Index

Clarify:

Omit reference to sheets A3.3.5 and A4.3.1.

Item No. 12

Sheets A0.1.1, A0.1.2, A0.1.3, A0.1.4

Revise:

Replace the current sheets A0.1.1, A0.1.2, A0.1.3, and A0.1.4. with the revised sheets A0.1.1, A0.1.2, A0.1.3, and A0.1.4 included with this Addendum as Attachments 6, 7, 8, and 9, respectively.

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Bureau of Building, Grounds & Real Property Management

ELECTRICAL

Item No. 13

Sheets E1.1.3 and E1.1.4

Replace:

Replace the current sheets E1.1.3 and E1.1.4 with the revised sheets E1.1.3 and E1.1.4 included with this Addendum as Attachments 10 and 11, respectively.

Clarify:

E1.1.3 and E1.1.4 have been revised to show the information needed to revise the canopy lighting circuitry so that they will be controlled, along with the other exterior lights, from the JCI Building Automation System.

Clarify:

Sheet E1.1.3 and E1.1.4 have been revised to show the relocation of the disconnect that feeds the UPS in Room # 1402.

END OF ADDENDUM NO. 2

GS# 522-052, Thompson Lab PHIII
Mississippi State Department of Health
Bureau of Building, Grounds & Real Property Management

PREBID MEETING AGENDA
WFT Architects, P.A.

Project: 1802, GS#522-052 Thompson Lab PHIII
Mississippi State Department of Health

Date: 25 August 2021

Items:


1. Introduction
2. Scope Summary
3. Bid Procedure, Instructions to Bidders and Contract Time
4. Addenda
5. Contract, Bonds and Insurance Requirements
6. Allowances, Unit Prices and Alternates
7. Section 01900 Division One Supplements – Start of work, use of premises, campus security policies, weather days, etc.
8. Mock-ups and testing requirements
9. General scope of work description
10. Containment and work area access requirements
11. Work area site access and site security requirements
12. Questions

PREBID MEETING SIGN IN SHEET

PROJECT: GS# 522-052, THOMPSON LAB PHIII
MISSISSIPPI STATE DEPARTMENT OF HEALTH
JACKSON MS

ARCHITECT'S PROJECT NO: 1802

DATE: AUGUST 25, 2021

Name	Company/Firm	Phone(s)
Randy Turner	MS Bureau of Building	601-359-5021
 Gerry Mosley	State Department of Health	601-576-7400
Wes Harp	WFT Architects, P.A.	601-352-4691
Russell Humphries	Brandsafway	601-862-7311
Allison Gwin	_____	662-549-1145
Jason Jaillet	United Rest	710-460-9606
Chris Paradee	URP	504-390-7616
Dason Mabe	Century Const	662-401-6452
DR. DAPHNE WARE	MS STATE DEPT. OF HEALTH	601-576-7400

PROPOSAL FORM

SECTION 00 4200

To: Bureau of Building, Grounds and Real Property Management
501 North West Street, Suite 1401B [Woolfolk Building]
Jackson, Mississippi 39201

Re: Project # GS # 522-052
Project Title Thompson Lab PHIII
Location State Department of Health, Jackson, MS

I propose to complete all work in accordance with the Project Manual and Drawings within 240 consecutive calendar days for the sum of: (Professional must specify number of days)

BASE BID: (Write in the amount of the base bid in words and numbers. In case of conflict, the written word governs.)

Words: _____ Dollars
Figures: (\$_____)

ALTERNATES: (Write in the amount of all of the alternates in words and numbers. In case of conflict, the written word governs.)

Alternate #1 ☐ Adds ☐ Deducts

Words: _____ Dollars
(\$_____)
Description: _____

Alternate #2 ☐ Adds ☐ Deducts

Words: _____ Dollars
(\$_____)
Description: _____

Alternate #3 ☐ Adds ☐ Deducts

Words: _____ Dollars
(\$_____)
Description: _____

Alternate #4 ☐ Adds ☐ Deducts

Words: _____ Dollars
(\$_____)
Description: _____

Alternate #5 ☐ Adds ☐ Deducts

Words: _____ Dollars
(\$_____)
Description: _____

Division 0

ADDENDA ACKNOWLEDGMENT:

No. _____ No. _____ No. _____

No. _____ No. _____ No. _____

ACCEPTANCE:

I certify that I am authorized to enter into a binding contract, if this Proposal is accepted.

Signature _____ Date _____

Name and Title _____

Name of Business _____

Address _____ (mailing)

Address _____ (physical)

City/State/Zip Code _____ County _____

Phone _____ Fax _____ Email _____

■ **BIDDER'S CERTIFICATE OF RESPONSIBILITY NUMBER:** _____■ **MINORITY BUSINESS ENTERPRISE?** Yes _____ No _____ (to assist with Code 57-1-57)

■ Attach copy of Non-Resident Bidder's Preference Law

■ **Mechanical / Plumbing / Electrical Contractors:**

Regarding said Divisions of the Specifications of the BoB Standard Form of Agreement Between The Owner and The Contractor:

List any Mechanical/Plumbing and/or Electrical Sub-Contractors that will perform work of this contract, regardless of cost even for under \$50,000.00. COR must be included where sub-contract exceeds \$50,000.00. If no sub-contractor is listed, and such work is within scope of contract and over \$50,000.00, bidder's own COR classification(s) must be sufficient to self-perform any such work. If no sub-contractor is listed, then use of sub-contractor to perform such scope will not be permitted.

Mechanical Contractor: _____

Plumbing Contractor: _____

Electrical Contractor: _____

Certificate of Responsibility No. _____

Certificate of Responsibility No. _____

Certificate of Responsibility No. _____

Division 0

STANDARD FORM OF AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR

SECTION 00 5200

This Agreement made the _____ day of _____, 20____ between the Owner,

Bureau of Building, Grounds and Real Property Management
501 North West Street, Suite 1401B [Woolfolk Building]
Jackson, Mississippi 39201

created by Section 7-1-451 et seq., and Section 31-11-1, et seq., **Mississippi Code of 1972, Annotated**, and acting for the State of Mississippi;

and between the Contractor:

Business Name _____
Address _____
City/State/Zip _____ Phone: _____ Fax: _____ Email: _____

The Contractor is a (check and complete one of the following):

_____ ☐ CORPORATION or ☐ LLC solely organized and existing under the laws of the State of _____
and having its principal office in _____, _____, _____
(City) (County) (State)

_____ PARTNERSHIP of the following (list all partners):

_____ SOLE PROPRIETORSHIP

For the following Project:

GS # 522-052
Thompson Lab PHIII
State Department of Health
Jackson, Mississippi

This Agreement entered into as of the day and year first written above:

OWNER: BUREAU OF BUILDING, GROUNDS AND
REAL PROPERTY MANAGEMENT

CONTRACTOR:

By: _____
(Signature)

By: _____
(Signature)

(Name and Title)

(Name and Title)

APPROVED AS TO FORM:

By: _____
(Signature of Attorney)

THE OWNER AND THE CONTRACTOR AGREE AS SET FORTH IN PAGES ONE THROUGH THREE, ARTICLES ONE THROUGH FIVE, AS FOLLOWS:

Division 0

ARTICLE 1: THE WORK AND CONTRACT DOCUMENTS

1.1.1 The Contractor will perform all the work required by the Contract Documents for the Project indicated above.

1.2 THE CONTRACT DOCUMENTS

1.2.1 The Contract Documents which constitute the entire Agreement between the Owner and the Contractor, are enumerated as follows:

1.2.2 Project Manual dated 30 July 2021

BIDDING REQUIREMENTS

Advertisement for Bids

Instructions to Bidders

Proposal Form

STANDARD FORM OF AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR

CONTRACT BOND

POWER OF ATTORNEY

CERTIFICATE OF INSURANCE

AFFIDAVIT OF PAYMENT TO ALL SUBCONTRACTORS

CONDITIONS OF THE CONTRACT

General Conditions

Supplementary Conditions

Labor Requirements

Minority Participation

Special Conditions

ADDENDA

SPECIFICATIONS (check the specs listed on the contents and included in the manual)

☒ Division 1: General Requirements

☒ Division 2: Existing Conditions

☒ Division 3: Concrete

☒ Division 4: Masonry

☒ Division 5: Metals

☒ Division 6: Wood, Plastics and Composites

☒ Division 7: Thermal and Moisture Protection

☒ Division 8: Openings

☒ Division 9: Finishes

☒ Division 10: Specialties

☒ Division 11: Equipment

☐ Division 12: Furnishings

☐ Division 13: Special Construction

☒ Division 14: Conveying Equipment

☐ Division 21: Fire Suppression

☐ Division 22: Plumbing

☐ Division 23: HVAC

☐ Division 25: Integrated Automation

☒ Division 26: Electrical

☐ Division 27: Communications

☐ Division 28: Electronic Safety and Security

☐ Division 31: Earthwork

☒ Division 32: Exterior Improvements

☐ Division 33: Utilities

☐ Division 34: Transportation

☐ Division 35: Waterway and Marine Construction

☐ Division 40: Process Interconnections

☐ Division 41: Material Processing and Handling Equipment

☐ Division 42: Process Heating, Cooling, and Drying Equipment

☐ Division 43: Process Gas and Liquid Handling, Purification, and Storage Equipment

☐ Division 44: Pollution and Waste Control Equipment

☐ Division 45: Industry-Specific Manufacturing Equipment

☐ Division 46: Water and Wastewater Equipment

☐ Division 48: Electrical Power Generation

1.2.3 Addenda

Addendum No. 1, dated _____

Addendum No. 2, dated _____

Addendum No. 3, dated _____

Addendum No. 4, dated _____

Addendum No. 5, dated _____

1.2.4 Drawings dated 30 July 2021

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

Sheets No. _____ through _____

1.2.5.1 Other documents, dated _____

Division 0

ARTICLE 2: CONTRACT SUM

2.1 CONTRACT SUM

- 2.1.1 The Owner will pay the Contractor in current funds for the performance of the work subject to additions and deductions by Change Order as provided in the Contract Documents, the Contract Sum of _____ Dollars

(\$ _____). The Contract sum is determined as follows:

Base Bid		\$	_____
Modifications	() Adds () Deducts	\$	_____
Negotiations		\$	_____
Alternate No. _____	() Adds () Deducts	\$	_____
Alternate No. _____	() Adds () Deducts	\$	_____
Alternate No. _____	() Adds () Deducts	\$	_____
Alternate No. _____	() Adds () Deducts	\$	_____
Alternate No. _____	() Adds () Deducts	\$	_____
Total Contract Sum		\$	_____

2.2 LIQUIDATED DAMAGES

- 2.2.1 The stipulated liquidated damages described in Paragraph 9.11 of the *Supplementary Conditions* are in the amount of **two hundred fifty and zero hundredths** Dollars (\$ **250.00**) for each calendar day.

ARTICLE 3: CONTRACT TIME

3.1 TIME

- 3.1.1 The work to be performed under this Contract shall be commenced upon the date stated in the *Notice to Proceed*. The work is to be substantially complete, subject to approved Change Orders, no later than **240** calendar days from the date stated in the *Notice to Proceed*.

ARTICLE 4: PAYMENTS AND FINAL PAYMENTS

4.1 PROGRESS PAYMENTS

- 4.1.1 Based upon applications for payment submitted to the Professional by the Contractor and *Certificates for Payment* issued by the Professional, the Owner will make progress payments on account of the Contract Sum to the Contractor as provided in the Contract Documents.

4.2 FINAL PAYMENT

- 4.2.1 Final payment constituting the entire balance of the Contract Sum will be paid by the Owner to the Contractor when the work has been completed, the Contract fully performed and a final Certificate for Payment has been issued by the Professional and approved by the Owner.

ARTICLE 5: MISCELLANEOUS PROVISIONS

5.1 DEFINITION OF TERMS

- 5.1.1 Terms used in this Agreement which are defined in the General, Supplementary, and Special Conditions of the Contract will have the meanings designated in those Conditions.

5.2 CONTRACTOR'S INTEREST IN AGREEMENT

- 5.2.1 The Contractor will not assign, sublet, or transfer the interest in this Contract agreement without the written consent of the Owner. The Owner and Contractor hereby agree to the full performance of the covenants contained herein.

5.3 PROFESSIONAL

- 5.3.1 The Professional assigned to this Project is as follows:

Name **WFT Architects, P.A.**
Address **770 North State Street, Jackson, MS 39202**
Telephone **(601) 352-4691** Fax Number **n/a** E-Mail Address **mail@wftarchitect.com**

*** END OF SECTION ***

Division 0

SPECIAL REQUIREMENTS

SECTION 01 8000

PART 1 - SUMMARY OF WORK SUPPLEMENT

1.01 WORK SEQUENCE

- A. Within 48 hours following notice intent to award a Contract, the Contractor shall submit to the Architect a *Schedule of Values* as described at Section 01 2973. In addition to requirements outlined therein, the Contractor shall identify the following components individually and provide supporting data as requested by the Architect:
1. The cost for masonry demolition required at the south stair tower, including preparation of the existing sheathing and flexible flashing substrates to receive new work.
 2. The cost for masonry demolition required at the east return, including preparation of the existing sheathing and flexible flashing substrates to receive new work.
- B. Upon notice to proceed, the Contractor shall begin submission of all required submittals, product information and shop drawings. Mobilization on site shall not begin until approval of submittals has been completed or until Owner and Architect have approved mobilization in writing. The Contractor shall coordinate the completion of required submittals and delivery times for material and fabrications such that the disturbance to the site can be minimized. The Contractor shall anticipate mobilization to begin work on-site no earlier than November 1, 2021 and no later than January 1, 2022.
- C. Owner will occupy the building during construction, coordinate with Owner's Representative in scheduling work to vacate the areas as the Contractor requires.
- D. See Part 6 of this section for detailed requirements.

~~1.02 PARTIAL OWNER OCCUPANCY~~

- ~~A. Schedule early completion of designated areas for Owner's usage prior to substantial completion of entire Project as follows: _____~~
- ~~B. Owner will occupy the following areas throughout the Project or during portions of the Project as follows: _____~~
- ~~C. Prior to occupancy of any portion of the Project, a *Certificate of Substantial Completion* for designated areas shall be executed establishing responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance for such portion of the Work. _____~~

PART 2 - ALLOWANCE SUPPLEMENT

2.01 SCHEDULE OF ALLOWANCES

- A. Include in the Bid, for inclusion in the Contract Sum, the amount of \$ 400,000.00 for purchase of **engineering controls for work area containment and mold remediation services to be provided by a qualified Specialty Containment Subcontractor. Award to be based upon competitive quotes obtained by the General Contractor from firms meeting the qualifications requirements specified.**
- (Refer to **Division 1, Section 01 8000, Special Requirements, Part 7 – Contractor's Protection of Existing Materials: Supplement, 7.01 – Contractor's Protection of the Interior and Drawings.**)

Division One

**SECTION 14 8000
SCAFFOLDING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Scaffolding subcontractor and design engineer qualifications
- B. Performance requirements
- C. Scaffolding design criteria

1.02 RELATED SECTIONS

- A. Division One - General Requirements

1.03 ADMINISTRATIVE REQUIREMENTS

- A. On-site verification of existing conditions
- B. Preinstallation meeting:
 - 1. Convene at least one week prior to commencing work of this section.
 - 2. Require attendance of parties directly affecting the work of this section
 - 3. Review performance conditions, procedures and required coordination with related work

1.04 REFERENCE STANDARDS

- A. The Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings, issued by the National Park Service
- B. 29 CFR.1910.28; Safety Requirements for Scaffolding; U.S. Department of Labor, Occupational Health and Safety Administration
- C. 29 CFR.1926.450, Subpart L; Safety Standards for Scaffolds Used in the Construction Industry; U.S. Department of Labor, Occupational Health and Safety Administration
- D. OSHA 3150, 2002 (Revised); A Guide to Scaffold Use in the Construction Industry; U.S. Department of Labor, Occupational Safety and Health Administration
- E. American National Standard, ANSI A10.8-2001; Safety Requirements for Scaffolding, as amended

1.05 QUALITY ASSURANCE

- A. **Envelope Repair Specialty Subcontractor Qualifications: to be submitted under the requirements of Section 01 8000 Part 8 – Contractor Qualifications Submittal:**
 - 1. Qualification Data: Scaffolding Subcontractor Qualifications
 - a. Company Information:
 - 1) Company name, address, telephone number(s), and website (if applicable)
 - 2) Mississippi Secretary of State Contractor Listing printout
 - 3) Mississippi Board of Contractors COR/ Classification printout
 - 4) Documentation that company has at least ten (10) years experience in scaffold erection.
 - b. Key Personnel:
 - 1) Resumes, References and Proposed Role(s) of company personnel who will be directly involved in the work of this section. At minimum, identify Project Manager and Project Superintendent/Foreman proposed. References shall include current telephone contact information.

- 2) Provide documentation of experience for each role on projects of similar type, scale and/or complexity of subject project. A minimum of five (5) years of documented experience on projects of similar type, scale and/or complexity of the subject project is required for Project Manager and Project Superintendent/Foreman. Experience must include projects involving State or Federal designated historic buildings.
- c. Project Portfolio:
 - 1) Include documentation of a minimum of five (5) projects of similar type, scale and/or complexity of the subject project which have been successfully completed within the past ten (10) years.
 - 2) Identify the involvement of proposed key personnel for subject project in each completed project
 - 3) Documentation shall include project name, location, historical designation (where applicable), completion date, client name/contact, architect name/contact, contract amount and a detailed description of company's work. Provide sufficient details concerning materials/methods involved to allow comparison between its scope and complexity and that of the subject project.
 - 4) Include at least ten (10) high quality color images of each project illustrating company's work. Provide both images showing completed work and work in progress. Provide either captioned images or a written summary keyed to images highlighting relevance to work of subject project.
 - 5) Include specific examples of scaffolding projects involving occupied State or Federal designated historic buildings.
 - 6) Provide images representing familiarity with complexity and sequencing anticipated for the subject project.
 - 7) Provide a detailed description of the scaffolding methods anticipated for the subject project.
- d. Qualification Data: Scaffold Design Engineer Qualifications
 - 1) Scaffolding shall be designed by a professional engineer licensed to practice in the State of Mississippi and having the following minimum qualifications:
 - aa. A minimum of five years experience in scaffolding design
 - bb. Experience as the lead design engineer on at least five projects involving designated historic buildings that were similar in scope to this project, at least two of which have been successfully completed in the past five years.
2. The scaffolding design engineer shall submit written documentation of his/ her qualifications including the following:
 - a. Resumé documenting work history as a professional engineer, and
 - b. A Portfolio documenting specific examples of at least five successfully completed scaffolding design projects involving designated historic buildings and including:
 - 1) General information identifying the project, the owner, the architect, the structural engineer and the contractor, and describing the project's scope and overall cost.
 - 2) Specific information describing the scaffolding and its role in the project, including the type of scaffolding system(s) utilized, total scaffolding cost, sequencing, project limitations and special design considerations.
 - 3) Images of each project illustrating the scope of the scaffolding and any special conditions that may relate to this project.
3. Scaffolding subcontractor qualifications
 - a. Scaffolding subcontractor shall have the following minimum qualifications:
 - 1) A company with at least ten years experience in scaffolding erection.

- 2) A minimum of five successfully completed projects involving designated historic buildings that were similar in scope to this project, at least two of which have been successfully completed in the past five years.
4. The scaffolding subcontractor shall submit written documentation of the company's qualifications including the following:
 - a. Resumés of proposed project manager and job foreman or superintendent.
 - b. Project manager and foreman/ superintendent shall have direct involvement in at least two scaffolding projects involving designated historic buildings similar in scope to this project.
 - c. A Portfolio documenting specific examples of at least five successfully completed scaffolding design projects involving designated historic buildings and including:
 - 1) General information identifying the project, the owner, the architect, the structural engineer and the contractor, and describing the project's scope and overall cost.
 - 2) Specific information describing the scaffolding and its role in the project, including the type of scaffolding system(s) utilized, total scaffolding cost, sequencing, project limitations and special design considerations.
 - 3) Images of each project illustrating the scope of the scaffolding and any special conditions that may relate to this project.

1.06 SUBMITTALS

- A. See Section 01 3323 – Shop Drawings, Product Data, and Samples, for submittal procedures.
- B. Product Data: Submit copies of product literature describing the type(s) of scaffolding proposed and related accessories.
- C. Scaffolding design and erection drawings indicating the following:
 1. Proposed locations of scaffolding in relation to the existing building.
 2. All proposed tie-ins and connections to the existing building, their exact locations and proposed methods of attachment.
 3. Direct and lateral loads imposed by scaffolding on the existing building.
 4. Proposed weather protective barriers including primary and secondary barriers.
 5. Locations of gutters, drain leaders outflow locations at existing storm inlets.
 6. Locations of stair towers, ladders, and motorized and manual material lifts.
 7. Locations of shoring components.
 8. Proposed material delivery route (including storage/ staging areas) from the ground to the Work Areas.
 9. Proposed sequencing of scaffolding erection and/ or locations.
 10. Location of platform levels demonstrating the provision of access to all areas of the building required to perform and inspect the work.
 11. Should the need arise to revise or rework the scaffolding during the course of the work, revised design/ erection drawings shall be submitted indicating the required revisions and taking into account the requirements of Items 1-7, preceding.

1.07 DELIVERY, STORAGE & HANDLING

- A. Deliver scaffolding components to the site as indicated in the Drawings.
- B. Erect scaffolding as soon as possible after delivery.
- C. Coordinate scheduling and locations of any cranes or lifts required for scaffolding erection with the Owner.

1.08 DESIGN CRITERIA (SEE DRAWINGS FOR LOCATIONS OF REFERENCED BUILDING ELEMENTS)

- A. General: The purpose for scaffolding is to provide protection of the building from the elements for the duration of the work, to provide access for construction of the Work by the Contractor, and for inspection of the Work by the Owner and Architect.
- B. Scaffolding Loads:
 - 1. The Contractor is responsible to design the scaffolding to meet the load requirements of current building codes, guidelines and regulations and to support the general and specific loads anticipated during the course of the Work, including short-term loading required by the temporary support of demolished material and new material awaiting installation.
- C. Building Perimeter:
 - 1. For work around the building's perimeter, provide ground-supported scaffolding.
 - 2. Scaffolding may be placed on the existing perimeter concrete walks and on the ground on wooden pads sufficiently designed to distribute the point loads from the scaffold legs and prevent settling into the soil.
 - 3. Scaffolding shall be fully ground supported and shall not be braced against the building or balustrade. No building materials or elements shall be removed, penetrated or altered.
- D. Weather Protection and Pedestrian Protection at East Entry:
 - 1. For work at the East Entry provide ground supported barriers to protect the building from the elements and to protect pedestrians from the construction activities from the beginning of construction activities until the completion and acceptance of the work at entrance. Weather protective barriers shall be designed to fully protect the building interior from the elements at all times, to divert storm water to the site storm drain system and to allow for access as required for the work.
 - 2. Scaffolding, columns, or other supporting elements may be placed on the existing perimeter concrete walks and on the ground on wooden pads sufficiently designed to distribute the point loads from the scaffold legs and prevent settling into the soil.
 - 3. No building materials shall be removed, penetrated or altered without written permission from the Owner and Architect.
 - 4. The top of the primary weather protection system shall be at the masonry on the east elevation. The primary weather protection system shall be designed to protect the interior of the building continuously to the exterior grade below. The weather protection system shall be coordinated with the requirements of the interior containment systems and the exterior pedestrian protection system.
 - 5. Termination at the top of the system shall be approved by Architect prior to installation.
 - 6. The weather protection system shall be designed to collect all storm water and divert it to an approved drainage path.
 - 7. An engineered pedestrian enclosure with overhead protection shall be provided to the extent indicated on the Drawings. The enclosure shall be electrically lighted at all times and shall support the temporarily relocated door operator and intercom systems.
- E. Weather Protection where insulated glazing units are removed for repairs including work at Alternates:
 - 1. For work requiring removal of insulated glazing units, provide protectives to protect the building from the elements from the beginning of construction activities until the completion and acceptance of the work entrance. Weather protective barriers shall be designed to fully protect the building interior from the elements at all times.
 - 2. No building materials shall be removed, penetrated or altered without written permission from the Owner and Architect.
 - 3. The weather protection system shall be coordinated with the requirements of the interior containment systems and the exterior pedestrian protection system.
 - 5. Termination at the top of the system shall be approved by Architect prior to installation.
 - 6. The weather protection system shall be designed to collect all storm water and divert it to an approved drainage path.

1.09 PROTECTION

- A. Comply with all applicable safety codes and regulations that govern the work, including city, state, OSHA and federal regulations.
- B. Exercise extreme caution while erecting scaffolding to prevent accidental contact with and damage to adjacent building elements and materials.
- C. Do not mechanically anchor scaffolding into existing building materials and elements.
- D. Where contact with existing building surfaces or elements is necessary for bracing or securing scaffolding and has been approved by the Architect, separate said elements and surfaces from the scaffolding with a soft material that will dampen movement and prevent abrasion, scraping, scratching, gouging and other mechanical damage.
- E. Protect existing trees and shrubbery from damage during the course of the Work.
- F. Repair any building materials damaged during the course of the work to the satisfaction of the Owner and the Architect without additional cost to the Owner.














END OF SECTION



SCALE: $1/8" = 1' - 0"$

SCALE: $1/8" = 1' - 0"$

OVERALL FLOOR PLAN LEGEND

- | | | | |
|---|---|---|--|
|  | EXISTING PARTITION TO REMAIN |  | APPROX. BOUNDARY OF LEVEL 4 ICRA (INFECTIOUS CONTROL RISK ASSESSMENT) BARRIER WALL. CONTINUOUS FLOOR TO DECK.** |
|  | EXISTING EXTERIOR CAVITY WALL WITH BRICK VENEER |  | APPROX. BOUNDARY OF BUFFER BARRIER AREA BARRIER WALL. CONTINUOUS FLOOR TO DECK. ** |
|  | NEW INSULATED METAL PANEL SYSTEM ON MTL. FRAMING SYSTEM |  | DUST PROTECTION BARRIER ABOVE CEILING FROM CEILING MULLION TO DECK DURING SOFFIT REPAIRS ** |
|  | NEW GYP. BD. PARTITION, SEE PARTITION SCHED. |  | APPROX. BOUNDARY OF EXTERIOR WEATHER PROTECTION ENCLOSURE. COORD. SEQUENCING WITH DEMOLITION TO MAINTAIN PRESSURIZATION. CONTINUOUS FLOOR TO DECK. |
|  | 2 HOUR RATED FIRE WALL (*) |  | ACTUAL LOCATION TO BE DETERMINED BY CONTRACTOR AND SUBMITTED FOR APPROVAL BY ARCHITECT/OWNER. |
|  | 1 HOUR RATED FIRE WALL (*) |  | HEPA-FILTERED AIR FLOW DEVICE, SIZED PER PRESSURIZATION REQ'TS. |
|  | BSL-3 CONTAINMENT PERIMETER (*) | | |
- * EXTENT AS INDICATED AT DOCUMENTS: GS 522-042: 11/13/08

OVERALL PLAN KEYED NOTES: ①

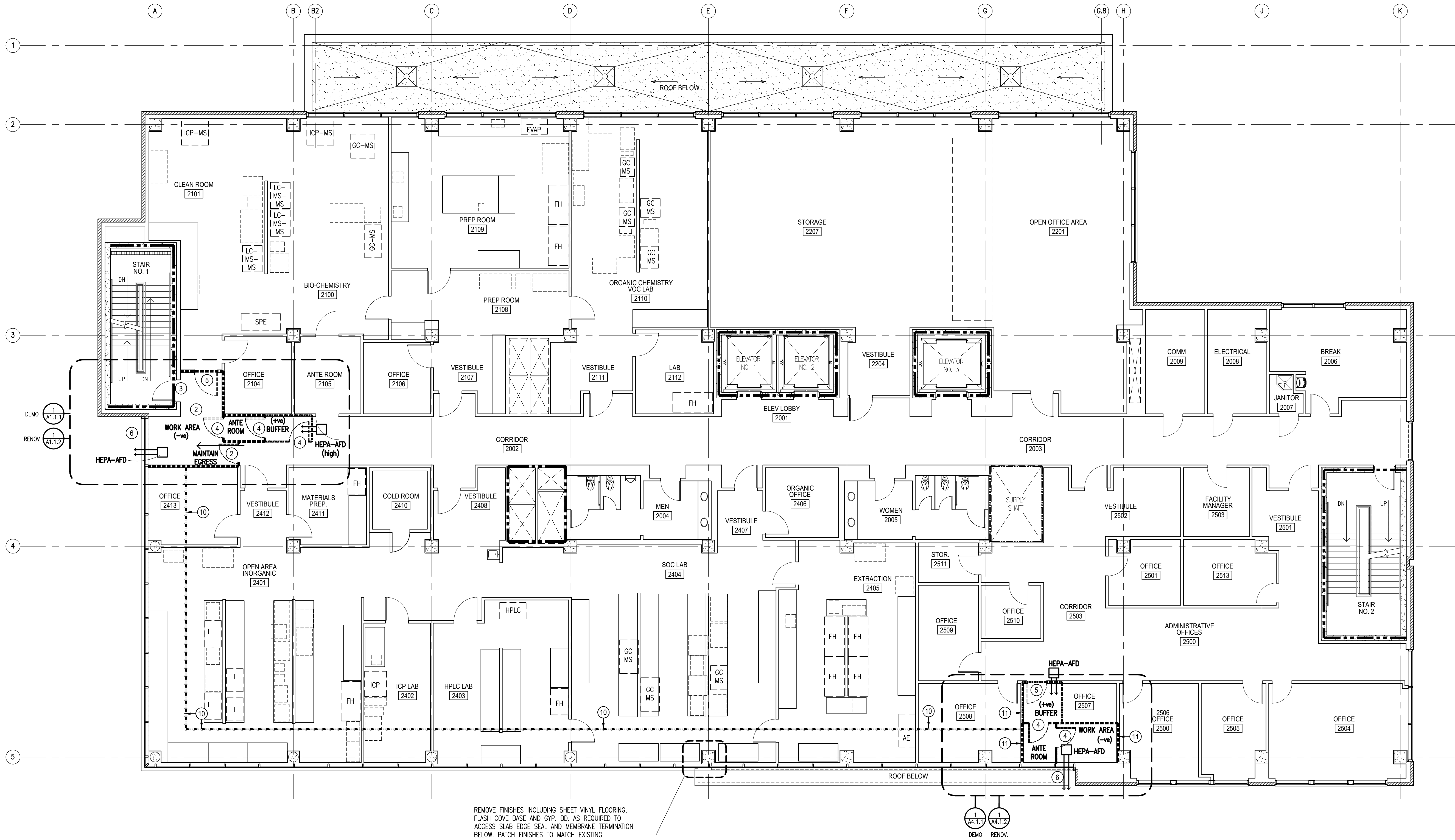
- | | | |
|--|--|---|
| 1. EAST ENTRANCE TO REMAIN OPEN TO STAFF AND PUBLIC AT ALL TIMES DURING THE WORK. PROVIDE TEMPORARY PEDESTRIAN ENCLOSURE WITH OVERHEAD PROTECTION. SUBMIT PLANS FOR TEMPORARY PROTECTION TO ARCHITECT FOR OWNER APPROVAL. PROVIDE THE FOLLOWING TO A01-1.1, FOR REG. MTS.: | 5. REMOVE DOOR AND PROVIDE HARD CONTAINMENT AT DOOR OPENING, REINSTALL DOOR. | 10. ABOVE CEILING PROTECTION TO BE PROVIDED AT IF ALTERNATE NUMBER 2 IS ACCEPTED. |
| A. LIGHTING WITHIN ENCLOSURE AT ALL TIMES. | 6. REMOVE IGU FOR EXHAUST. | 11. REMOVE ADDITIONAL CABINETS AND COUNTERTOP BEYOND LOCATIONS INDICATED ON DEMOLITION PLANS AS REQUIRED TO INSTALL CONTAINMENT BARRIERS AS INDICATED. INCLUDE ADDITIONAL REMOVAL OF SURFACEMOUNTED RACEWAY, CONDUCTORS, RECEPTACLES AND DEVICES. PATCH SHEET VINYL FLOORING FULL EXTEND, INCLUDING KNEE SPACES. REINSTALL COUNTERTOPS AND BASE CABINETS TO MATCH EXISTING. |
| 2. TEMPORARILY RE-LOCATE INTERCOM AND DOOR OPERATOR PUSH BUTTONS TO ENCLOSURE. SEE ELEC. DWGS. | 7. REMOVE EXISTING DOOR AT WORK AREA. REINSTALL AT COMPLETION. | |
| 3. CORRIDOR AND STAIR TO REMAIN AVAILABLE FOR EGRESS AT ALL TIMES. PROVIDE PHOTO LUMINESCENT EGRESS SIGNAGE AT CORRIDOR SIDE OF DOOR AND WITHIN EXIT ENCLOSURE. PROVIDE 45 MIN. RATED 3'-0" DOOR AND HOLLOW METAL FRAME WITH PANIC HARDWARE AT EMERGENCY DOOR. | 8. REMOVE PORTION OF EXISTING PARTITION AND INSTALL NEW DOOR 3'-0"x6'-0". CONTRACTOR SHALL PROVIDE THE FOLLOWING: | |
| 4. MIN. FIRE RATED DOOR TO REMAIN, PROVIDE DUST PROTECTIVE COVER W/ EGRESS CAPACITY, PER APPROVAL OF STATE FIRE MARSHAL. | A. RELOCATE EXISTING DISCONNECT SERVING APPROX. 10' EAST PROVIDE NEW FEED TO EXISTING PANEL LDPIA AT ELECTRICAL ROOM 100B. | |
| 5. WORK AREA ACCESS DOOR TO PROVIDE DUST CONTROL EQ. TO STORM DOOR OR OTHER DOOR MEETING REQUIREMENTS FOR CONTAINMENT. | B. RELOCATE WALL MOUNTED AIR DRYER (CANISTER FILTER MOUNTED ON WALL BRACKET) WITHIN SLACK OF EXISTING HOISING. | |
| | C. DEMOLISH EXISTING LIQUID NITROGEN DROP TO ABOVE CEILING AND CAP. | |
| | D. PROVIDE NEW DOOR, FRAME, AND HARDWARE MATCHING DOOR AT EAST END OF LAB. SIZE SHALL BE 3'x7'. PATCH FINISHES. | |
| | 9. PROVIDE TEMP. HARDWALL PARTITION DURING DEMOLITION OF ARCHITECTURAL PRECAST CONCRETE AND EXTERIOR WALL. | |

GENERAL ENGINEERING CONTROLS NOTES:

1. ENGINEERING CONTROLS (I.E., SPECIALIZED CONTAINMENTS) SHALL BE PROVIDED BY A SPECIALIZED CONTAINMENT CONTRACTOR AND SHALL MAINLY CONSIST OF INDIVIDUALLY CONSTRUCTED CONTAINMENTS AROUND A WORK AREA DURING A PARTICULAR PHASE OF WORK.
2. ENGINEERING CONTROLS SHALL BE IDENTIFIED AS IDENTIFIED HEREIN, WITH THE CONTAINMENT CONTRACTOR'S CONTROL SYSTEMS REVIEWED BY THE OWNER'S CH.
3. THE CONTAINMENTS SHALL BE CONSTRUCTED OF A RIGID FRAME WITH SOLID WALLS WHERE NECESSARY, ALTHOUGH POLYETHYLENE SHEET COULD BE USED IN LESS CRITICAL OR HAZARDOUS AREAS. ANTIDROUS AREAS AND BUFFER ROOMS SHALL BE INSTALLED OUTSIDE THE CONTAINMENT AT ALL WORK AREAS, AS INDICATED AT THIS SHEET.
4. IN GENERAL, THE CONTAINMENTS SHALL BE KEPT UNDER NEGATIVE PRESSURE BY USE OF HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER NEGATIVE AIR MACHINES, WITH SUPPLEMENTAL FILTRATION BY AIR SCRUBBING MACHINES. CERTAIN AREAS MAY REQUIRE USE OF DEHUMIDIFICATION EQUIPMENT OR PORTABLE AIR CONDITIONING AND HEATING. EFFORTS WILL BE MADE TO EXHAUST THE CONTAINMENT AIR TO THE EXTERIOR OF THE BUILDING.
5. DURING THE WORK, SENSITIVE LABORATORY EQUIPMENT THAT CANNOT BE RELOCATED MAY REQUIRE ADDITIONAL PROTECTION IN THE FORM OF COVERING OR PROTECTION TO BE FABRICATED.
6. REFER TO THE REQUIREMENTS OF SECTION 01 8000, SPECIAL REQUIREMENTS, PART 7 - CONTRACTOR'S PROTECTION OF THE INTERIOR.
7. ENGINEERING CONTROLS SHALL BE PROVIDED UNDER ALLOWANCE NO. 1 AS SCHEDULED AT SECTION 01 8000. CONTRACTOR SHALL OBTAIN COMPETITIVE BIDS FOR MEETING THE QUALIFICATIONS REQUIREMENTS SPECIFIED.
- ADDENDUM NO. 1**
ATTACHMENT B

ADDENDUM NO. 2 -
ATTACHMENT 6

[illegible]



1 SECOND FLOOR PLAN
SCALE: 1/8" = 1' - 0"

OVERALL FLOOR PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- EXISTING EXTERIOR CAVITY WALL WITH BRICK VENEER
- NEW INSULATED METAL PANEL SYSTEM ON MTL. FRAMING SYSTEM
- NEW GYP. BD. PARTITION, SEE PARTITION SCHED.
- 2 HOUR RATED FIRE WALL (*)
- 1 HOUR RATED FIRE WALL (*)
- BSL-3 CONTAINMENT PERIMETER (*)
- EXTENT AS INDICATED AT DOCUMENTS: GS 522-042: 11/13/08

- APPROX. BOUNDARY OF LEVEL 4 ICRA (INFECTIOUS CONTROL RISK ASSESSMENT) BARRIER WALL. CONTINUOUS FLOOR TO DECK.**
- APPROX. BOUNDARY OF BUFFER BARRIER AREA BARRIER WALL. CONTINUOUS FLOOR TO DECK. **
- DUST PROTECTION BARRIER ABOVE CEILING FROM CEILING MULLION TO DECK DURING SOFFIT REPAIRS **
- APPROX. BOUNDARY OF EXTERIOR WEATHER PROTECTION ENCLOSURE. COORD. SEQUENCING WITH DEMOLITION TO MAINTAIN PRESSURIZATION. CONTINUOUS FLOOR TO DECK.
- ACTUAL LOCATION TO BE DETERMINED BY CONTRACTOR AND SUBMITTED FOR APPROVAL BY ARCHITECT/OWNER.
- HEPA-AFD

OVERALL PLAN KEYED NOTES: 1

- EAST ENTRANCE TO REMAIN OPEN TO STAFF AND PUBLIC AT ALL TIMES DURING THE WORK. PROVIDE TEMPORARY PEDESTRIAN ENCLOSURE WITH OVERHEAD PROTECTION. SUBMIT PLANS FOR TEMPORARY PROTECTION TO ARCHITECT FOR OWNER APPROVAL. PROVIDE FOR THE FOLLOWING (REFER TO A0.1.1. FOR REQ'TS.):
A. LIGHTING WITHIN ENCLOSURE AT ALL TIMES.
B. TEMPORARILY RE-LOCATE INTERCOM AND DOOR OPERATOR PUSH BUTTONS TO ENCLOSURE, SEE ELEC. DWGS.
- CORRIDOR AND STAIR TO REMAIN AVAILABLE FOR EGRESS AT ALL TIMES. PROVIDE PHOTOLUMINESCENT EGRESS SIGNAGE AT CORRIDOR SIDE OF DOOR AND WITHIN EXIT ENCLOSURE. PROVIDE 45 MIN. RATED 3'-7" DOOR AND HOLLOW METAL FRAME WITH PANIC HARDWARE AT EMERGENCY DOOR.
- EXIST. FIRE RATED DOOR TO REMAIN, PROVIDE DUST PROTECTIVE COVER W/ EGRESS CAPACITY, PER APPROVAL OF STATE FIRE MARSHAL.
- WORK AREA ACCESS DOOR TO PROVIDE DUST CONTROL EQ. TO STORM DOOR OR OTHER DOOR MEETING REQUIREMENTS FOR CONTAINMENT.
- REMOVE DOOR AND PROVIDE HARD CONTAINMENT AT DOOR OPENING, REINSTALL DOOR.
- REMOVE IGU FOR EXHAUST.
- REMOVE EXISTING DOOR AT WORK AREA. REINSTALL AT COMPLETION.
- REMOVE PORTION OF EXISTING PARTITION AND INSTALL NEW DOOR 3'-0"x6'-0". CONTRACTOR SHALL PROVIDE THE FOLLOWING:
A. RELOCATE EXISTING DISCONNECT SERVING APPROX. 10' EAST PROVIDE NEW FEED TO EXISTING PANEL LDP1A AT ELECTRICAL ROOM 1008.
B. RELOCATE WALL MOUNTED AIR DRYER (CANISTER FILTER MOUNTED ON WALL BRACKET) WITHIN SLACK OF EXISTING HOSEING.
C. DEMOLISH EXISTING LIQUID NITROGEN DROP TO ABOVE CEILING AND CAP.
D. PROVIDE NEW DOOR, FRAME, AND HARDWARE MATCHING DOOR AT EAST END OF LAB, SIZE SHALL BE 3'x7'. PATCH FINISHES.
- PROVIDE TEMP. HARDWALL PARTITION DURING DEMOLITION OF ARCHITECTURAL PRECAST CONCRETE AND EXTERIOR WALL.
- ABOVE CEILING PROTECTION TO BE PROVIDED AT IF ALTERNATE NUMBER 2 IS ACCEPTED.
- REMOVE ADDITIONAL CABINETS AND COUNTERTOP BEYOND LOCATIONS INDICATED ON DEMOLITION PLANS AS REQUIRED TO INSTALL CONTAINMENT BARRIERS AS INDICATED. INCLUDE ADDITIONAL REMOVAL OF SURFACEMOUNTED RACEWAY, CONDUCTORS, RECEPTABLES AND DEVICES. PATCH SHEET VINYL FLOORING FULL EXTEND, INCLUDING KNEE SPACES. REINSTALL COUNTERTOPS AND BASE CABINETS TO MATCH EXISTING.

GENERAL ENGINEERING CONTROLS NOTES:

- ENGINEERING CONTROLS (I.E., SPECIALIZED CONTAINMENTS) SHALL BE PROVIDED BY A SPECIALIZED CONTAINMENT CONTRACTOR AND SHALL MAINLY CONSIST OF INDIVIDUALLY CONSTRUCTED CONTAINMENTS AROUND A WORK AREA DURING A PARTICULAR PHASE OF WORK.
- ENGINEERING CONTROLS SHALL BE IDENTIFIED AS IDENTIFIED HEREIN, WITH THE CONTAINMENT CONTRACTOR'S CONTROL SYSTEMS REVIEWED BY THE OWNER'S CIH.
- THE CONTAINMENTS SHALL BE CONSTRUCTED OF A RIGID FRAME WITH SOLID WALLS WHERE NECESSARY, ALTHOUGH POLYETHYLENE SHEET COULD BE USED IN LESS CRITICAL OR HAZARDOUS AREAS. ANTEROOMS AND BUFFER ROOMS SHALL BE INSTALLED OUTSIDE THE CONTAINMENT AT ALL WORK AREAS, AS INDICATED AT THIS SHEET.
- IN GENERAL, THE CONTAINMENTS SHALL BE KEPT UNDER NEGATIVE PRESSURE BY USE OF HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER NEGATIVE AIR MACHINES, WITH SUPPLEMENTAL FILTRATION BY AIR SCRUBBING MACHINES. CERTAIN AREAS MAY REQUIRE USE OF DEHUMIDIFICATION EQUIPMENT OR PORTABLE AIR CONDITIONING AND HEATING. EFFORTS WILL BE MADE TO EXHAUST THE CONTAINMENT AIR TO THE EXTERIOR OF THE BUILDING.
- DURING THE WORK, SENSITIVE LABORATORY EQUIPMENT THAT CANNOT BE RELOCATED MAY REQUIRE ADDITIONAL PROTECTION IN THE FORM OF COVERING OR PROTECTION TO BE FABRICATED.
- REFER TO THE REQUIREMENTS OF SECTION 01 8000, SPECIAL REQUIREMENTS, PART 7 - CONTRACTOR'S PROTECTION OF THE INTERIOR.
- ENGINEERING CONTROLS SHALL BE PROVIDED UNDER ALLOWANCE NO. 1 AS SCHEDULED AT SECTION 01 8000. CONTRACTOR SHALL OBTAIN COMPETITIVE QUOTES FROM FIRMS MEETING THE QUALIFICATIONS REQUIREMENTS SPECIFIED.

ADDENDUM NO. 2 -
ATTACHMENT 7

REVISIONS	BY
ADDENDUM 2 8/26/2021	

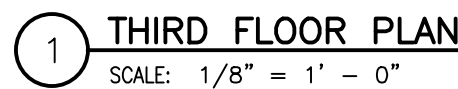
WFT • ARCHITECTS • P.A.
Architecture.HistoricPreservation
C. Lawson Newman, AIA
770 North State Street Jackson, Mississippi 39202
P.601.352.4691 email: mal@wftarchitect.com








GS# 522-052, State Department of Health
Thompson Lab PHIII
Jackson, Mississippi



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	EXISTING PARTITION TO REMAIN
	EXISTING EXTERIOR CAVITY WALL WITH BRICK VENEER
	NEW INSULATED METAL PANEL SYSTEM ON MTL. FRAMING SYSTEM
	NEW GYP. BD. PARTITION, SEE PARTITION SCHED.
	2 HOUR RATED FIRE WALL (*)
	1 HOUR RATED FIRE WALL (*)
	BSL-3 CONTAINMENT PERIMETER (*)

* EXTENT AS INDICATED AT DOCUMENTS:
GS 522-042: 11/13/08

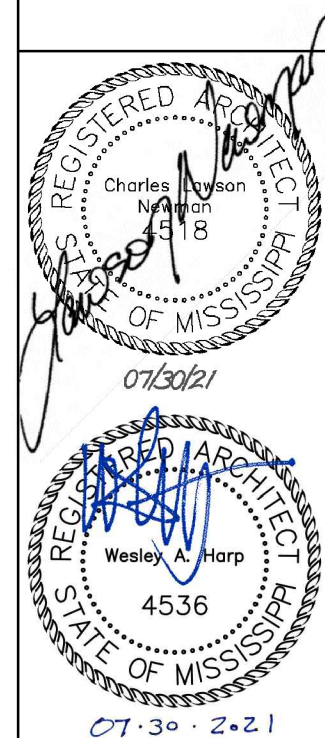
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3. EXIST. FIRE RATED DOOR TO REMAIN, PROVIDE DUST PROTECTIVE COVER W/ EGRESS CAPACITY, PER APPROVAL OF STATE FIRE MARSHAL.	9. PROVIDE TEMP. HARDWALL PARTITION DURING DEMOLITION OF ARCHITECTURAL PRECAST CONCRETE AND EXTERIOR WALL.	
4. WORK AREA ACCESS DOOR TO PROVIDE DUST CONTROL EQ. TO STORM DOOR OR OTHER DOOR MEETING REQUIREMENTS FOR CONTAINMENT.		

1. ENGINEERING CONTROLS (I.E., SPECIALIZED CONTAINMENTS) SHALL BE PROVIDED BY A SPECIALIZED CONTAINMENT CONTRACTOR AND SHALL MAINLY CONSIST OF INDIVIDUALLY CONSTRUCTED CONTAINMENTS AROUND A WORK AREA DURING A PARTICULAR PHASE OF WORK.	AND HEATING. EFFORTS WILL BE MADE TO EXHAUST THE CONTAINMENT AIR TO THE EXTERIOR OF THE BUILDING.
2. ENGINEERING CONTROLS SHALL BE IDENTIFIED AS IDENTIFIED HEREIN, WITH THE CONTAINMENT CONTRACTOR'S CONTROL SYSTEMS REVIEWED BY THE OWNER'S CH.	5. DURING THE WORK, SENSITIVE LABORATORY EQUIPMENT THAT CANNOT BE RELOCATED MAY REQUIRE ADDITIONAL PROTECTION IN THE FORM OF COVERING OR PROTECTION TO BE FABRICATED.
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4. IN GENERAL, THE CONTAINMENTS SHALL BE KEPT UNDER NEGATIVE PRESSURE BY USE OF HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER NEGATIVE AIR MACHINES, WITH SUPPLEMENTAL FILTRATION BY AIR SCRUBBING MACHINES. CERTAIN AREAS MAY REQUIRE USE OF DEHUMIDIFICATION EQUIPMENT OR PORTABLE AIR CONDITIONING	7. ENGINEERING CONTROLS SHALL BE PROVIDED UNDER ALLOWANCE NO. 1 AS SCHEDULED AT SECTION 01 8000. CONTRACTOR SHALL OBTAIN COMPETITIVE QUOTES FROM FIRMS MEETING THE QUALIFICATIONS REQUIREMENTS SPECIFIED.

ADDENDUM NO. 2 -
ATTACHMENT 8

WFT • ARCHITECTS • P.A.
Architecture-Historic Preservation
C. Lawson Newman, AIA
Wesley A. Harp, AIA
770 North State Street
Jackson, Mississippi 39202
P 601.352-4691
email: mail@wftarchitect.com

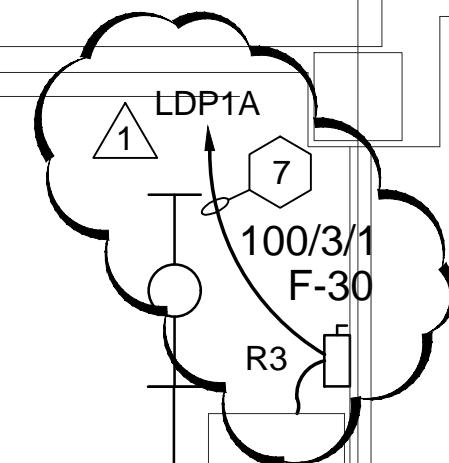
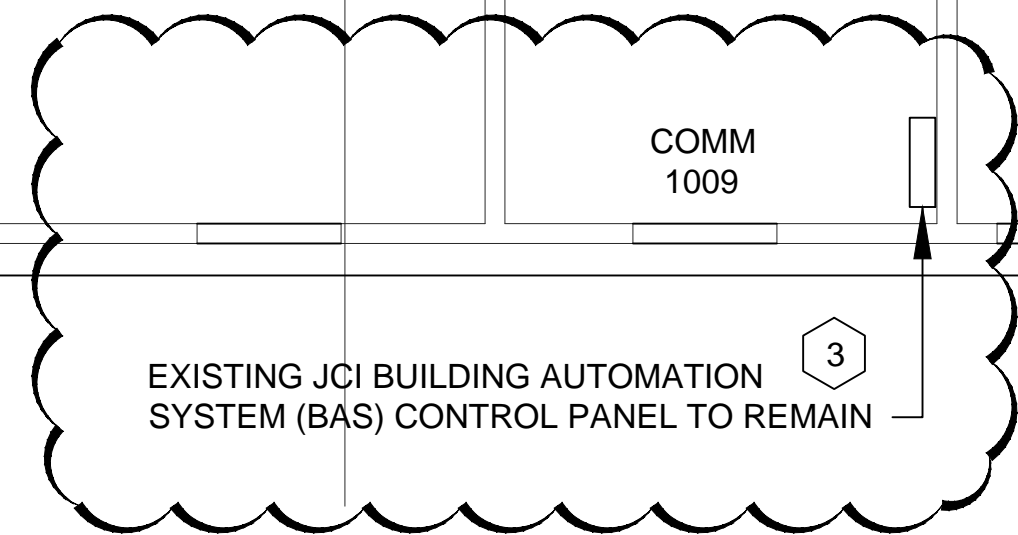
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Thompson Lab PHIIII
Jackson, Mississippi



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DEMOLISH EXISTING OUTLETS, BOXES, CONDUITS, AND CIRCUITRY. NEW OUTLETS SHALL BE INSTALLED IN SURFACE-MOUNTED RACEWAY.

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**THE
POWER
SOURCE**
P.L.C.

305 HIGHWAY 51
RIDGELAND, MS 39157
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 20199



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SCALE: $1/4'' = 1' - 0''$

ADDENDUM NO. 2 - ATTACHMENT 11