ADDENDUM 1

Date Issued: August 11, 2020

Project: Jackson County Endeavor Site Redevelopment, Phase 1 - Demolition

Bid Date: Tuesday, August 25, 2020, 1:00 PM (NO CHANGE)

The Contract Documents, Specifications and Plans for the above referenced project are amended as follows:

1. Section 00410, Bid Form, is revised to incorporate the following changes:
    a. Bid Summary, page 00410-9, note 3 is revised to clarify the Contractor experience and licensing requirements.
    b. Revised page 00410-2 to require bidders to provide their email address rather than FAX number on the bid form.
    c. Corrected the header format.
2. Section 00521, Agreement Between Owner and Contractor, is revised to delete an incorrect reference to another project from the header.
3. Section 00715, Supplementary Conditions, part 5.4.6, is revised to add the Jackson County Board of County Commissioners as an additional insured.
4. Asbestos survey reports of structures S-110 and S-113 (attachment 4), are hereby added to Specifications Appendix A. There were no asbestos containing materials identified in these buildings.

Information for Bidders

The following information and clarifications are being provided in response to bidder questions, but do not represent a change in the Contract Documents, Specification and Plans for the above referenced project.

1. Bidder Question: Is City water available on the job site?

    Response: City of Marianna potable water is available from several fire hydrants which are labeled "to remain", as shown on drawings C-002, C-004 and C-005. To use water from these hydrants the Contractor will be required to supply and install a backflow preventer and flow meter and set up an account with the City of Marianna. The monthly rate for bulk water is $50.00 for the first 10,000 gallons and $2.50 per 1,000 gallons for any usage over 10,000 gallons. A 10% utility tax is also applied.

Attachments:

1. Section 00410, Bid Proposal
2. Section 00521, Agreement Between Owner and Contractor
3. Section 00715, Supplementary Conditions

4. Asbestos survey reports of structures S-110 and S-113, by Southern Earth Sciences, dated July 10, 2020.

Please note that receipt of this and all other addenda must be acknowledged on page 2 of the Bid Proposal.

Issued by:

William Nobles, P.E.
Project Engineer

Date Issued: August 11, 2020
Project: Jackson County Endeavor Site Redevelopment, Phase 1 - Demolition
Bid Date: Tuesday, August 25, 2020, 1:00 PM (NO CHANGE)

Acknowledgement of Receipt of Addendum 1

BIDDERS ARE REQUIRED TO COMPLETE

INFORMATION BELOW AND FAX

TO: (850)482-3957, OR EMAIL TO
MARTIVICKERY@MELVINENG.COM**, ATTN: WILLIAM NOBLES**

BIDDER:_____
COMPANY NAME

SIGNATURE:_____

DATE:_____

SECTION 00410

PROPOSAL AND BID FORM
(Submit in triplicate)

Proposal of: _____ (hereinafter called "Bidder" or "Contractor"), organized and existing under the laws of the State of _____ doing business as a partnership ( ), corporation ( ), individual ( ).

To: Jackson County BOCC (hereinafter called "Owner").

Gentlemen:

The proposal contemplates performing the Work necessary to have a clean and developable site in accordance with all applicable codes and requirements governing the work. Items not specifically listed in the Bid Proposal or Contract Documents, but necessary for proper completion of the work shall be considered to be included in the bid price of the item for which they are associated. No additional compensation will be paid for such items.

The Bidder, in compliance with your invitation for bids for the proposed project described as follows:

Demolition, removal and proper disposal of 48 buildings, other structures, four fuel tanks, utilities, fencing and debris at the Endeavor Redevelopment Site (formerly Dozier School). Five buildings will be partially demolished including removal of electrical, lighting, ceiling tiles and HVAC. The work also includes proper plugging and abandonment of two water wells located on the property. Approximately 107,000 sq. ft. of total building floor area is required to be demolished. The entire 125 acre site will be cleaned of all debris and mowed.

The Bidder having examined the Contract Documents and the site of the proposed work, and being familiar with all the conditions surrounding the performance of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to complete the project in accordance with the Contract Documents, within the time set forth herein and at the prices stated below.

Bidder hereby agrees to commence Work under this contract within ten (10) days after the date stated in written "Notice to Proceed" from the Owner.

The work will be substantially completed within **180** days after the date when the Contract Times commence to run as provided in paragraph 2.3 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.13 of the General Conditions within **210** days after the date when the Contract Times commence to run.

The Owner and the Contractor recognize that time is of the essence and that the Owner will suffer financial loss if the work is not completed within the times specified in the paragraph above, plus any extensions thereof allowed in accordance with Article 15 of the General Conditions. It shall be specifically noted that time extensions are granted only for abnormal weather conditions as it relates to rain days. They also recognize the delays, expenses and difficulties involved in proving the actual loss suffered by Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner Four Hundred Twenty Five and no/100 Dollars ($425.00) for each day that expires after the time specified above for Substantial Completion until the work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse or fail to complete the remaining work within the time specified above for completion and readiness for final payment of any proper extension thereof granted by Owner, Contractor, shall pay Owner Two Hundred and no/100 Dollars ($200.00) for each day that expires after the time specified for completion and readiness for

final payment.
The unit prices contained in the Bid Schedules shall include all labor, materials, equipment, overhead, profit, insurance, taxes, etc., to cover the finished work of the several kinds called for.

The Bidder understands that the Owner reserves the right to reject any or all bids and to award part(s) of the Contract, if applicable, separately, in combination, or as one Contract. The Owner reserves the right to waive any informalities 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 the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this Bid, Bidder will execute the formal contract attached within 15 days and deliver a Surety Bond or Bonds as required by the Contract Documents. The Bid Security attached in the sum of Five (5) Percent of the total amount of the Bid is to become the property of the OWNER in the event the Contract and Bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the OWNER caused thereby.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without consultation, communication or agreement as to any matter relating to this Bid with any other Bidder or with any competition.

Respectfully submitted,

_____
Company Name (Typed)

_____
Address (Typed)

_____
City State Zip (Typed)

_____
Business Telephone Number

_____
Business Email Address

By: _____
Signature

_____
Name & Title (Typed)

_____
Contractor's License Number

_____
Contractor Federal Tax I.D. Number

_____
Contractor DUNS Number

CORPORATE SEAL

Acknowledgement is hereby made of receipt of the following addenda, if any:

No._____**Dated**_____

No._____**Dated**_____

No._____**Dated**_____

TRENCH EXCAVATION SAFETY CERTIFICATION

Pursuant to Florida Statutes 553.63, the Contractor or Subcontractor when performing trench excavation in excess of five feet (5') will comply with the following requirements:

(1) The Contract bid submitted by the contractor who will perform such excavation shall include:

a. A reference to the trench safety standards that will be in effect during the period of construction of the project.

b. Written assurance by the contractor performing the trench excavation that such contractor will comply with the applicable trench safety standards.

(2) A contractor perform trench excavation shall:

a. As a minimum, comply with the excavation safety standards which are applicable to a project.

b. Adhere to any special shoring requirements, if any, of the state or other political subdivisions which may be applicable to such a project.

c. If any geotechnical information is available form the owner, the contractor, or otherwise, the contractor performing trench excavation shall consider this information in the contractor's design of the project. This paragraph shall not require the owner to obtain geotechnical information.

(3) The separate item identifying the cost of compliance with trench safety standards shall be based on the linear feet of trench to be excavated. The separate item for special shoring requirements, if any, shall be based on the square feet of shoring used. Every separate item shall indicate the specific method of compliance as well as the cost of that method.

The contractor shall complete this form and submit it to the owner as a part of the bidding proposal package.

The undersigned, herein called "Bidder", has determined to his own complete satisfaction that all portions of the Florida Trench Safety Act (90-96, Laws of Florida) as the OSHA Excavation Safety Standards 29, CFR part 1926.650 Subpart P, will be fully complied with and executed property on this project.

Bidder acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990. The bidder further identifies the costs to be summarized below:

	Trench Safety Measure Measure (Description)	Units of (Quantity) (LF, SY)	Unit Cost	Unit Cost	Extended
A.	_____	_____	_____	_____	_____
B.	_____	_____	_____	_____	_____
C.	_____	_____	_____	_____	_____
D.	_____	_____	_____	_____	_____

Total $_____

In witness whereof, the Bidder has hereunto set his signature and affixed his seal this _____ day of _____, 20____.

Firm: _____

By: _____

Title: _____

(SEAL)

Sworn to and subscribed before me this _____ day of _____, 20____.

_____
Notary Public

STATEMENT OF EXPERIENCE

Bidder: _____

How Long in Business: _____ At Current Address _____

Principals: _____ Title _____

_____ Title _____

_____ Title _____

Number of Personnel Currently Employed: _____

Number of Personnel Available for Project: _____

Gross Construction Revenue for Previous Year $_____

Type of Work Normally Performed: _____

_____

Bidder must list 10 largest projects completed or currently under construction within the past 18 months, performed either as general contractor or sub contractor. List projects in order of dollar value from greatest to least. Do not omit any projects. Failure to include project may result in determination of non-responsive bid.

1. Project Name: _____

   _____ Amount $_____

   Project Begin Date: _____ Project Completion Date:

   Engineer: _____ Telephone No. _____

   Owner: _____ Telephone No.

2. Project Name: _____

   _____ Amount $_____

   Project Begin Date: _____ Project Completion Date:

   Engineer: _____ Telephone No. _____

   Owner: _____ Telephone No.

3. Project Name: _____

   _____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

4. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

5. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

6. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

7. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

8. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

9. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

10. Project Name:_____

_____ Amount $_____

Project Begin Date:_____ Project Completion Date:

Engineer: _____ Telephone No. _____

Owner:_____ Telephone No.

SUBCONTRACTOR LISTING

The Bidder has fully investigated each subcontractor listed and has in his files evidence that each subcontractor fully complies with the requirements of these specifications, has engaged successfully in his line of work for a reasonable period of time, that he maintains a fully equipped organization capable, technically and financially, of performing the work required, and that he made similar installations in a satisfactory manner.

Name of Subcontractor	Description of Work

EQUIPMENT AND MATERIAL LISTING

The Bidder will furnish the following items of equipment and materials:

Name of Manufacturer	Description of Material and Equipment

BIDDER:_____

BID SUMMARY

TOTAL BASE BID (PART A) $ _____

1. Selection will be based on Base Bid plus any Additive Alternates accepted by the Owner.

2. The Owner reserves the right to award only select parts and not all parts, or reject all bids.

3. The Contractor shall have a minimum of three (3) years experience in projects of similar size and type of this work in the company name who is submitting a bid. The Contractor or subcontractor shall have experience with projects involving abatement of friable asbestos. The Contractor submitting a bid shall be licensed in the State of Florida as a certified general contractor or as a state certified demolition specialty contractor. All asbestos abatement activities shall be performed by a Florida licensed asbestos abatement contractor. Evidence of licensing for the bidder and all subcontractors shall be submitted with the bid.

4. The contractor shall be on schedule with other projects currently under contract with the owner and others.

5. Bidder acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990.

BIDDER:_____

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Total Price
BASE BID - Demolition					
Quantities indicated herein are for informational purposes. Lump Sum (LS) bid items shall not be adjusted based upon final actual quantities. Bid Proposal includes all work, complete as indicated in the plans and specifications. Items not indentified as LS will be paid upon the final actual quantity of work completed.					
A-1	Mobilization	LS	LS	LS	
A-2	Maintenance of Traffic	LS	LS	LS	
A-3	Sedimentation & Erosion Control	LS	LS	LS	
For the following structures the contractor shall include all cost for complete demolition, removal and proper disposal of structure including hazardous waste. The site shall be fine graded and grassed in a mowable condition as per the plans and specifications.					
A-4	Admin. Building (S-101)	SF	5,500	LS	
A-5	Old Annex (S-102)	SF	6,000	LS	
A-6	Barbeque Shed (S-110)	SF	3,000	LS	
A-7	Storage & Laundry Buildings and Sheds (S-109, S-173, S-202, S-314, and S-403 thru S-413)	SF	8,840	LS	
A-8	Groundskeeping Building (S-111)	SF	3,000	LS	
A-9	Vocational Building (S-115)	SF	3,840	LS	
A-10	Print Shop (S-116)	SF	4,000	LS	
A-11	Rec. Center and Canteen (S-118)	SF	12,090	LS	
A-12	Admin. Annex (S-119)	SF	2,730	LS	
A-13	Staff Residences (S-122 thru S-131, S-133, S-134, S-135, S-148 and S-200)	SF	14,415	LS	
A-14	FSU Treatment Center (S-142)	SF	2,000	LS	
A-15	Kennedy House (S-149)	SF	5,135	LS	
A-16	Visitor Restroom (S-162)	SF	239	LS	
A-17	Laundry Repair/Electrical Shop (S-163)	SF	3,600	LS	

BIDDER:_____

Item No.	Description	Unit	Quantity	Unit Price	Total Price
A-18	Heating/Carpentry Building (S-164)	SF	14,180	LS	
A-19	Maintenance Office/Machine Shop (S-165). The 40' x 47' boiler room building to remain but debris to be removed including hazardous material.	SF	3,680	LS	
A-20	Woodworking/Paint Shop (S-167)	SF	6,000	LS	
A-21	Boiler Building on east side of Dining Hall (S-113), including boiler, piping, valves and appurtenances.	SF	450	LS	
A-22	Wastewater Treatment Plant, including concrete foundation, exposed piping and appurtenances.	LS	LS	LS	
A-23	*Remove and Properly Dispose of Fuel and Waste Oil Storage Tanks*				
	A. 1,000 gallon underground unleaded gasoline storage tanks	EA	2		
	B. 300 gallon above ground diesel storage tank	EA	1		
	C. 300 gallon above ground waste oil storage tank	EA	1		
	D. 1,000 gallon above ground gasoline storage tank - remove and relocate on site as directed by Engineer	EA	1		
	E. 100 gallon propane tank	EA	5		
A-24	Demolish, Remove and Properly Dispose of Steam Tunnels, including 15 access ports, 750 LF of steam tunnels, two sump pump stations and all piping, insulation, appurtenances and hazardous materials.	LS	LS	LS	
A-25	Demolition Abandoned Sanitary Sewer Manholes and deliver rings and stockpile on site as directed by Engineer	EA	23		
A-26	Demolition Abandoned Fire Hydrants and Risers and stockpile on site as directed by Engineer	EA	7		
A-27	Demolition and remove concrete pool and pool pump house, including concrete slab around pool and all associated pumps, piping, fence and appurtenances. (S-158 and S-157)	LS	LS	LS	
A-28	Demolition and remove electrical power poles and conductor wire as shown on Drawings. Power poles shall be stockpiled on site as directed by the Engineer.	LS	LS	LS	
A-29	Test pole mounted transformers for PCBs in accordance with Section 02050, Demolition, part 1.5.D. (See Footnote 1)	EA	45		

BIDDER:_____

Item No.	Description	Unit	Quantity	Unit Price	Total Price
A-30	Remove and properly dispose of "non-PCB" pole mounted transformers (See Footnote 1)	EA	24		
A-31	Remove and properly dispose of "PCB-contaminated" pole mounted transformers. (See Footnote 1)	EA	23		
A-32	Properly fill and abandon septic tanks.	EA	1		
A-33	Partial demolition and remove all debris including hazardous materials as indicated on the Drawings and Specifications for the following buildings: Auto Mechanics Shop (S-168), Storage (S-402), Clinic (S-104), Dining Hall (S-113), Warehouse (S-106) and that portion of Maintenance/Boiler Room to remain (S-165) as shown on Plans sheet C-025. Note includes roof panel removal on S-104 and S-106.	LS	LS	LS	
A-34	Demolish two (2) natural gas meter/regulator stations. Demolition involves hot tapping and installing stopping saddles and valves on two (2) 2 1/2" steel gas lines and removal of all above ground piping, fence and appurtenances as shown on the Drawings.	LS	LS	LS	
A-35	Establish Performance Turf in all disturbed areas within the entire 125 acres. Refer to Section 02935, Performance Turf.	LS	LS	LS	
A-36	Centipede Sod; to be installed at direction of Engineer. Refer to Section 02935, Performance Turf.	SY	5,000		
A-37	Deliver select fill, place in 8" lifts, compact firm and grade smooth to restore to original countours and promote drainage as directed by Engineer. Truck Measure.	CY	4,000		
A-38	Deliver topsoil, spread 6" thick and grade smooth, as directed by Engineer. Truck Measure.	CY	1,000		
A-39	Remove and dispose of large stumps (greater than 12" diameter). Note small stumps are covered in line item A-43.	EA	50		
A-40	Early in the project all roads shall be sprayed with a FDOT approved herbicide. Near the end of the project all roads shall be swept clean and all vegetation removed.	LS	LS	LS	

BIDDER:_____

Item No.	Description	Unit	Quantity	Unit Price	Total Price
A-41	Demolition and removal of portions of 12 ft. high chain link fencing and gates, including posts and foundations, as shown in the Drawings.	LF	3,950		
A-42	Remove and properly dispose of all razor wire, as shown in the Drawings.	LF	4,000		
A-43	Remove and dispose of all concrete slabs, debris and other features as shown on Drawings and mow entire site and 15 ft. strip outside perimeter fence. Total South Campus area of approx. 125 acres. All areas to be cleared of fallen trees, small stumps, bushes and trees less than 6" diameter. Note, approx. 22 acres of the site are heavily wooded and will require clearing and mowing.	LS	LS	LS	
A-44	North Campus DJJ#2 - Remove pump and properly plug and abandon one (1) 10" diameter, 325 ft. deep water well. Remove to min. 12" below grade. Contractor is responsible for all permitting fees. Refer to Section 02050, Demolition, and Appx. C.	LS	LS	LS	
A-45	South Campus DJJ#1 - Remove pump and properly plug and abandon one (1) 12" diameter, 350 ft. deep water well. Remove to min. 12" below grade. Contractor is responsible for all permitting fees. Refer to Section 02050, Demolition, and Appx. C.	LS	LS	LS	
A-46	On-site services of Archeologist during construction (allowance)	LS	LS	LS	$ 20,000.00
A-47	Contingency Allowance; to be used as directed by the Engineer and upon issuance of a Work Change Directive.	LS	LS	LS	$ 30,000.00
	TOTAL BASE BID - PART A - DEMOLITION				

Footnote: (1) There are 47 pole mounted transformers which are required to be disposed of properly. Quantities for line items A-29, A-30 and A-31 are estimated values based on best available data. As described in Section 02050, Demolition, Contractor shall remove transformers from poles and perform PCB testing of the dielectric oil on transformers manufactured before 1983. If date of manufacture is not found on equipment nameplate, PCB testing will need to be performed. Results of PCB testing will be used to determine proper handling and disposal method. Payment will be based on final quantites for line items A-29, A-30 and A-31.

BIDDER:_____

MANDATORY ADDITIVE ALTERNATES

Bidders shall include prices for the additive alternate bid items listed below.

ALTERNATE BID ITEM NO.	DESCRIPTION	ADD
ALT-1	Contractor shall supply a rock crusher and crush all concrete and brick debris from demolision of buildings and structures and stockpile on site as directed by Engineer for use by the County as road base material. Aggregate shall include all fines and up to #57 rock size with no jagged edges for use as road base. Aggregate shall not include any steel, wood, asbestos, lead or other debris. Estimated total quantity of aggregate is approx. 2,000 tons. Contractor shall furnish scale and will be paid based on cost to mobilize plus actual amount of aggregate produced at quoted unit rate.	Mobilization = A) $_____ $/ton = _____ X 2,000 tons = B) $_____ TOTAL (A + B) =
The following Additive Alternates are for all additional costs to completely demolish, remove and properly dispose of the following buildings and structures. Contractor is responsible for proper handling and disposal of all asbestos and other hazardous materials in accordance with Southern Earth Sciences report (Appx. A).		
ALT-2	Demolish, remove and properly dispose of all steam tunnels in addition to those to be removed under Base Bid item no. A-24; a total length of approx. 4,600 LF, including all brick, concrete, piping, insulation and appurtenances. Backfill with select fill in 8" lifts, compact firm, grade smooth, and establish FDOT performance turf. Quantity of select fill needed for this additive alternate is <u>not</u> included in line item A-37.	$
ALT-3	Maintenance Office/Machine Shop (S-165). Floor area approx. 1,880 sq. ft. in addition to that included in Base Bid line item A-19.	$
ALT-4	Auto Mechanic Shop (S-168). Floor area approx. 6,090 sq. ft. This line item is for work in addition to partial demo covered under Base Bid line item A-33.	$
ALT-5	Storage Building (S-402). Floor area approx. 5,100 sq. ft. This line item is for work in addition to partial demo covered under Base Bid line item A-33.	$
ALT-6	Pierce Hall and A/U (S-146). Floor area approx. 10,916 sq. ft.	$

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)
FUNDING AGENCY EDITION

THIS AGREEMENT is by and between ***Jackson County BOCC*** ("Owner") and

("Contractor").

Owner and Contractor, in consideration of the mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1 – WORK

Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: *Demolition, removal and proper disposal of 48 buildings, other structures, four fuel tanks, utilities, fencing and debris at the Endeavor Redevelopment Site (formerly Dozier School). Five buildings will be partially demolished including removal of electrical, lighting, ceiling tiles and HVAC. The work also includes proper plugging and abandonment of two water wells located on the property. Approximately 107,000 sq. ft. of total building floor area is required to be demolished. The entire 125 acre site will be cleaned of all debris and mowed.*

ARTICLE 2 – THE PROJECT

2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Endeavor Site Redevelopment – Phase 1: Demolition

ARTICLE 3 – ENGINEER

3.01 The Project has been designed by David H. Melvin, Inc. (Engineer), who is to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Days to Achieve Substantial Completion and Final Payment*

The Work will be substantially completed within ***180*** days *after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within* ***210*** *days after the date when the Contract Times commence to run.*

4.03 *Liquidated Damages*

Contractor and Owner recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner ***$425*** *for each day that expires after the time specified in Paragraph 4.02 for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Owner, Contractor shall pay Owner* ***$200*** *for each day that expires after the time specified in Paragraph 4.02 for completion and readiness for final payment until the Work is completed and ready for final payment.*

ARTICLE 5 – CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A, and 5.01.B below:

_____ $
(words) (figure)

All specific cash allowances are included in the above price and have been computed in accordance with paragraph 11.02 of the General Conditions.

A. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the estimated quantity of that item as indicated in the bid proposal, Section 410, Part A:

As provided in Paragraph 11.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer as provided in Paragraph 9.07 of the General Conditions. Unit prices have been computed as provided in Paragraph 11.03 of the General Conditions.

B. For all Unit Price Work, established for future projects as indicated in the bid proposal, Section 410, Part C:

UNIT PRICE WORK

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Estimated Price

ESTIMATED TOTAL OF ALL UNIT PRICE WORK $ _____ $(_____)
(use words) (figure)

For all Work, at the prices stated in Contractor's Bid, attached hereto as an exhibit.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on a monthly basis as per receipt of funds from the funding agency during performance of the Work as provided in Paragraphs 6.02.A.1 and 6.02.A.2 below. All such payments will be measured by the schedule of values established as provided in Paragraph 2.07.A of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements:

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions:

   a. 90 percent of Work completed (with the balance being retainage); and

   b. 90 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

2. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 90 percent of the Work completed, less such amounts as Engineer shall determine in accordance with Paragraph 14.02.B.5 of the General Conditions.

6.03 *Final Payment*

A. Upon receipt of the final Application for Payment accompanied by Engineer's recommendation of payment in accordance with Paragraph 14.07 of the General Conditions, Owner shall pay Contractor as provided in Paragraph 14.07 of the General Conditions the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 14.07, less any sum Owner is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages.

ARTICLE 7 – INTEREST

7.01 The Owner will endeavor to make prompt payments based upon release of agency funds. No interest will be paid to the Contractor due to late payments.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

8.01 In order to induce Owner to enter into this Agreement Contractor makes the following representations:

A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.

B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site which has been identified in the Supplementary Conditions as provided in Paragraph 4.06 of the General Conditions.

E. Contractor has obtained and carefully studied (or assumes responsibility for doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto.

F. Contractor does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.

G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

H. Contractor has correlated the information known to Contractor, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

I. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

ARTICLE 9 – CONTRACT DOCUMENTS

9.01 *Contents*

A. The Contract Documents consist of the following:

1. This Agreement (pages 1 to 7, inclusive).
2. Performance bond (pages 1 to 4, inclusive).
3. Payment bond (pages 1 to 3, inclusive).
4. Certificate of Insurance (pages _____ to _____, inclusive).
5. General Conditions Section 700 (pages 1 to 40, inclusive).
6. Supplementary Conditions Section 710 (pages 1 to 7, inclusive).
7. Specifications as listed in the table of contents of the Project Manual.
8. Drawings consisting of __ sheets with each sheet bearing the following general title: Endeavor Site Redevelpment – Phase 1: Demolition
9. Addenda (numbers __ to __, inclusive).
10. Exhibits to this Agreement (enumerated as follows):
    a. Contractor's Bid Section 410 (pages 1 to 14 , inclusive).
    b. Documentation submitted by Contractor prior to Notice of Award Section 300 (pages __ to __, inclusive) and Section 430 (pages 1 to __, inclusive). Excluding two pages titled "Bid Clarifications".
11. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
    a. Notice to Proceed Section 550 (pages 1 to 1, inclusive).

b. Work Change Directives.
c. Change Order(s).

B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 9.

D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 10 – MISCELLANEOUS

10.01 *Terms*

A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.02 *Assignment of Contract*

A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 *Successors and Assigns*

A. Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04 *Severability*

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement in four copies. One counterpart each has been delivered to Owner, Contractor, Engineer, and Agency. All portions of the Contract Documents have been signed, initialed, or identified by Owner and Contractor or identified by Engineer on their behalf.

This Agreement is dated _____. This Agreement shall not be effective unless and until Agency's designated representative concurs.

OWNER:	CONTRACTOR:
Jackson County BOCC	
By:	By:
Title:	Title:
[CORPORATE SEAL]	[CORPORATE SEAL]
Attest:	Attest:
Title:	Title:
Address for giving notices:	Address for giving notices:
	Agent for service of process:
	(If Contractor is a corporation or a partnership, attach evidence of authority to sign.)

Agency Concurrence:
As lender or insurer of funds to defray the costs of this Contract, and without liability for any payments thereunder, the Agency hereby concurs in the form, content, and execution of this Agreement.

Agency:	By:
Date:	Title:

SECTION 00715

SUPPLEMENTARY CONDITIONS

These Supplementary Conditions specifically amend or supplement other provisions of the Contract Documents. In the event of a conflict between these conditions, and other conditions, the more stringent shall govern.

The limits of liability for the insurance required by paragraph 5.4 of the General Conditions shall provide the following coverages for not less than the following amounts or greater where required by Laws and Regulations.

5.4.1 and 5.4.2 Workers' Compensation, etc. under paragraphs 5.4.1 and 5.4.2 of the General Conditions.

(1) State:	Statutory
(2) Applicable Federal	Statutory
(3) Employer's Liability	$100/100/500 (in thousands)

5.4.3, 5.4.4, and 5.4.5 Contractor's Liability Insurance under paragraphs 5.4.3 through 5.5.5 of the General Conditions which shall also include completed operations and products liability coverages and eliminate the exclusion with respect to property under the care, custody, and control of Contractor:

(1) General Aggregate	
(Expect Products - Completed Operations)	$1,000,000
(2) Products-Completed Operations Aggregate	$1,000,000
(3) Personal/Advertising Injury	$ 500,000
(4) Each Occurrence (Bodily Injury and	
Property Damage)	$1,000,000
(5) Limit Per Person Medical Expense	$ 10,000
(6) Excess Liability, Umbrella Form	
General Aggregate	$2,000,000
Each Occurrence	$1,000,000

(7) Personal Injury Liability Coverage will include Claims arising out of Employment.
(8) Exclusion of Property in Contractor's Care, Custody or Control will be Eliminated.
(9) Property Damage Liability Insurance will Provide Coverage for Explosion, Collapse and Underground Damage.

5.4.6 Liability coverage for the following will be provided (subject to customary exclusions for professional liability) by a separate Protective Liability Policy issued by CONTRACTOR'S general liability carrier as additional insureds:

Jackson County Board of County Commissioners
David H. Melvin, Inc., Consulting Engineers

5.4.10 The Contractual Liability coverage required by Paragraph 5.4.10 of the General Conditions shall provide coverage for not less than the following amounts:

(1) General Aggregate	$1,000,000

(2) Each Occurrence (Bodily Injury and Property Damage) $1,000,000

CONTRACTOR shall purchase and maintain property insurance upon the Work at the site in the amount of the full replacement cost thereof. This insurance shall:

5.6.1 include the interests of OWNER, CONTRACTOR, Subcontractors, and ENGINEER, ENGINEER's Consultants and any other persons or entities identified in the Supplementary Conditions, each of whom is deemed to have an insurable interest and shall be listed as an insured;

5.6.2 be written on a Builder's Risk "all risk" or open peril or special causes of loss policy from that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework and Work in transit and shall insure against at least the following perils: fire, lighting, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage, and such other perils as may be specifically required by the Supplementary Conditions;

5.6.3 include expense incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);

5.6.4 cover materials and equipment stored at the site or at another location that was agreed to in writing by OWNER prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by ENGINEER; and

5.6.5 be maintained in effect until final payment is made unless otherwise agreed to in writing by OWNER, CONTRACTOR, and ENGINEER with thirty days written notice to each other additional insured to whom a certificate of insurance has been issued.

The policies of insurance required to be purchased and maintained by CONTRACTOR in accordance with this paragraph 5.6 shall comply with the requirements of Paragraph 5.8 of the General Conditions.

General Condition 6.13 is amended as follows: OWNER will obtain and pay for any permit required from the Florida Department of Environmental Protection covering the construction of the proposed project.

END OF SECTION

SOUTHERN EARTH SCIENCES
Geotechnical | Environmental | Materials Testing

PANAMA CITY OFFICE
7500 McElvey Road, Ste. A
Panama City Beach, FL 32501

Tel: (850) 769-4773
Fax: (850) 872-9967
www.soearth.com

DHM Melvin Engineering
4428 Lafayette Street
Marianna, Florida 32446

July 10, 2020
File No.: P20-0300

Attention: **Mr. Bill Nobles, P.E.**

Subject: **Asbestos Survey of Structure S-110, Endeavor – Former Dozier Boys School, SR 276**
Marianna, Florida

Dear Mr. Nobles:

As requested, Southern Earth Sciences, Inc. has completed an asbestos survey of structure S-110 (Storage) located at the Endeavor – Former Dozier Boys School located on State Road 276 in Marianna, Jackson County, Florida. This survey was performed prior to demolition activities. This report will present the results of our survey.

1.0 INTRODUCTION

On June 18, 2020, asbestos surveyors with our firm obtained a total of one (1) bulk sample of suspect asbestos-containing building material for analysis. The sample consisted of concrete. The bulk sample was sent to Eurofins CEI, an analytical laboratory in Cary, NC. Bulk samples were analyzed by Polarized Light Microscopy (PLM), E.P.A. Method 600/R-93/116. Test results and sample locations are included in the attached Asbestos Analytical Report / Chain of Custody.

2.0 DEFINITIONS

Asbestos Containing Building Materials (ACBM): Building materials used for construction of a structure that are known or are suspect for containing asbestos.

Asbestos: Asbestos is the asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

Asbestos Inspection: An evaluation performed by a trained and E.P.A. certified inspector to determine the presence or absence of Asbestos-containing materials. Asbestos inspectors engage in the survey and assessment of ACBM.

Category I non-friable ACM: asbestos-containing packing's, gaskets, resilient floor covering and asphalt products.

Category II non-friable ACM: any material, excluding Category I ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Demolition: the removal of load-bearing walls or structural components.

Environmental Protection Agency (EPA)

Regulated Asbestos Containing Material (RACM): (a) Friable asbestos materials, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or, (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by NESHAPS.

Renovation: the removal of any other building components other than load-bearing walls or structural components.

3.0 PHYSICAL SURVEY

S-110 – the building was a single-story metal building with a metal roof and slab on grade foundation. There were no sealants observed on the metal roof. There was no caulking observed. The interior walls were metal. The ceiling was metal and the floor was concrete.

4.0 SUMMARY OF FINDINGS

The E.P.A. definition for an asbestos-containing material is a building material that contains more than 1 percent asbestos when analyzed by PLM and is placed into two categories: friable and non-friable. Friable ACM is a material that can be easily pulverized with hand pressure as opposed to non-friable ACM.

4.1 FRIABLE ACM

No friable ACMs were found within the building.

4.2 NON-FRIABLE ACM

There were no non-friable asbestos containing materials identified in the building.

5.0 CONCLUSIONS AND RECOMMENDATIONS

In accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAPS), 40 CFR Part 61, Subpart M, Regulated Asbestos Containing Materials (RACM) are required to be removed prior to demolition.

There were no asbestos containing materials identified in the building during our survey.

NESHAPS requires a 10-working day notification to the Florida Department of Environmental Protection (FDEP) Division of Air Management prior to the start date of an asbestos abatement project and/or prior to demolition.

6.0 GENERAL COMMENTS

This asbestos survey has been performed to identify asbestos containing materials in the existing building and is not intended as abatement specifications and drawings. Quantities of materials would be verified during preparations of plans and specifications.

Comments and observations given above reflect an opinion as to the various materials and conditions visually observed during the inspections and should not be construed as a representation or warranty expressed or implied, as to scope, thoroughness, or accuracy of the inspection.

A conscious effort is made to identify all suspect materials. There is a possibility that conditions or materials may exist which could not be identified during our survey due to physical inaccessibility and the use of nondestructive sampling methods. Materials that typically do not contain asbestos have not been sampled. These materials include but are not limited to plastics, wood, fiberglass, etc.

Conclusions and recommendations given in this report are based upon our interpretation of current regulatory standards. Changes in regulatory standards may require changes in our conclusions and recommendations.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, please contact our office.

Sincerely,

SOUTHERN EARTH SCIENCES, INC.

Tammie Barry
Environmental Specialist
Asbestos Inspector No. 200031-7843

Mark E. Wilson, P.E.
Consultant No. AX 85
State of Florida

SES SOUTHERN EARTH SCIENCES

eurofins | CEI

June 23, 2020

Southern Earth Sciences, Inc.
7500 McElvey Road, Suite A
Panama City Beach, FL 32408

CLIENT PROJECT: Endeavor Bldg S-110, P20-0300
CEI LAB CODE: A207816

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 19, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Southern Earth Sciences, Inc.

CLIENT PROJECT: Endeavor Bldg S-110, P20-0300

LAB CODE: A207816

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 06/23/20

TOTAL SAMPLES ANALYZED: 1

SAMPLES >1% ASBESTOS:

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Endeavor Bldg S-110, P20-0300 **LAB CODE:** A207816

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		A119971	Gray	Concrete	None Detected

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
7500 McElvey Road, Suite A
Panama City Beach, FL 32408

Lab Code: A207816
Date Received: 06-19-20
Date Analyzed: 06-22-20
Date Reported: 06-23-20

Project: Endeavor Bldg S-110, P20-0300

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		NON-ASBESTOS COMPONENTS Non-Fibrous		ASBESTOS %
1	Concrete	Heterogeneous	<1%	Cellulose	65%	Silicates	None Detected
A119971		Gray			35%	Binder	
		Fibrous			<1%	Paint	
		Tightly Bound					

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LEGEND:
Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST: McLane Brown

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	A2D7816 (1)
CEI Lab I.D. Range:	A119971-A119

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: Caleb Sims
Company: SOUTHERN EARTH SCIENCES INC.	Email / Tel: csims@soearth.com 850-249-6025
Address: 7500 McElvey Road, Suite A	Project Name: ENDEAVOR BLDG S-110
Panama City Beach, FL 32408	Project ID#: P20-0300
Email: csims@soearth.com, tbarry@soearth.com	PO #: P20-0300
Tel: 850-249-6025 Fax: 850-872-9967	STATE SAMPLES COLLECTED IN: FL

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/18/2020 1510	JB	6/19 9:30

Samples will be disposed of 30 days after analysis

SOUTHERN EARTH SCIENCES, INC.
7500 McElvey Road, Suite A
Panama City Beach, Florida 32408
Phone 850-769-4773 FAX 850-872-9967

LIST OF SUSPECT ACM BULK SAMPLE MATERIALS

PROJECT: ENDEAVOR BLDG S- 110 **SES FILE #:** P20-0300

TURNAROUND TIME: 3 DAYS **DATE:** 6/ /2020

Sample #:	Location:	Description:
1	SLAB FOUNDATION	CONCRETE

SAMPLE ACCOUNTABILITY & TRANSFER RECORD

RELINQUISHED BY: CALEB SIMS	DATE/TIME: 6/ /2020 15:00
RECEIVED BY:	DATE/TIME:

PACKAGE CONTAINED 1 METAL

SOUTHERN EARTH SCIENCES
Geotechnical | Environmental | Materials Testing

PANAMA CITY OFFICE
7500 McElvey Road, Ste. A
Panama City Beach, FL 32501

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Fax: (850) 872-9967
www.soearth.com

DHM Melvin Engineering
4428 Lafayette Street
Marianna, Florida 32446

July 10, 2020
File No.: P20-0300

Attention: **Mr. Bill Nobles, P.E.**

Subject: **Asbestos Survey of Structure S-113, Endeavor – Former Dozier Boys School, SR 276**
Marianna, Florida

Dear Mr. Nobles:

As requested, Southern Earth Sciences, Inc. has completed an asbestos survey of structure S-113 (Boiler for Dining Hall) located at the Endeavor – Former Dozier Boys School located on State Road 276 in Marianna, Jackson County, Florida. This survey was performed prior to demolition activities. This report will present the results of our survey.

1.0 INTRODUCTION

On June 26, 2020, asbestos surveyors with our firm obtained a total of thirteen (13) bulk samples of suspect asbestos-containing building materials for analysis. The samples consisted of pipe insulation, boiler gasket, boiler insulation, concrete and roofing materials. The bulk samples were sent to Eurofins CEI, an analytical laboratory in Cary, NC. Bulk samples were analyzed by Polarized Light Microscopy (PLM), E.P.A. Method 600/R-93/116. Test results and sample locations are included in the attached Asbestos Analytical Report / Chain of Custody.

2.0 DEFINITIONS

Asbestos Containing Building Materials (ACBM): Building materials used for construction of a structure that are known or are suspect for containing asbestos.

Asbestos: Asbestos is the asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

Asbestos Inspection: An evaluation performed by a trained and E.P.A. certified inspector to determine the presence or absence of Asbestos-containing materials. Asbestos inspectors engage in the survey and assessment of ACBM.

Category I non-friable ACM: asbestos-containing packing's, gaskets, resilient floor covering and asphalt products.

Category II non-friable ACM: any material, excluding Category I ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Demolition: the removal of load-bearing walls or structural components.

Environmental Protection Agency (EPA)

Regulated Asbestos Containing Material (RACM): (a) Friable asbestos materials, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or, (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by NESHAPS.

Renovation: the removal of any other building components other than load-bearing walls or structural components.

3.0 PHYSICAL SURVEY

S-113 – the building was single-story block building with a slab on grade foundation. The roof was shingles with felt underlayment on wood roof decking. There was no caulking observed. The interior walls were block. The ceiling was wood and the floor was concrete. Piping was fiberglass with a paper jacket. The boiler had fiberglass insulation under a metal jacket.

4.0 SUMMARY OF FINDINGS

The E.P.A. definition for an asbestos-containing material is a building material that contains more than 1 percent asbestos when analyzed by PLM and is placed into two categories: friable and non-friable. Friable ACM is a material that can be easily pulverized with hand pressure as opposed to non-friable ACM.

4.1 FRIABLE ACM

No friable ACMs were found within the building.

4.2 NON-FRIABLE ACM

There were no non-friable asbestos containing materials identified in the building.

5.0 CONCLUSIONS AND RECOMMENDATIONS

In accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAPS), 40 CFR Part 61, Subpart M, Regulated Asbestos Containing Materials (RACM) are required to be removed prior to demolition.

There were no asbestos containing materials identified in the building during our survey.

NESHAPS requires a 10-working day notification to the Florida Department of Environmental Protection (FDEP) Division of Air Management prior to the start date of an asbestos abatement project and/or prior to demolition.

6.0 GENERAL COMMENTS

This asbestos survey has been performed to identify asbestos containing materials in the existing building and is not intended as abatement specifications and drawings. Quantities of materials would be verified during preparations of plans and specifications.

Comments and observations given above reflect an opinion as to the various materials and conditions visually observed during the inspections and should not be construed as a representation or warranty expressed or implied, as to scope, thoroughness, or accuracy of the inspection.

A conscious effort is made to identify all suspect materials. There is a possibility that conditions or materials may exist which could not be identified during our survey due to physical inaccessibility and the use of nondestructive sampling methods. Materials that typically do not contain asbestos have not been sampled. These materials include but are not limited to plastics, wood, fiberglass, etc.

Conclusions and recommendations given in this report are based upon our interpretation of current regulatory standards. Changes in regulatory standards may require changes in our conclusions and recommendations.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, please contact our office.

Sincerely,

SOUTHERN EARTH SCIENCES, INC.

Tammie Barry
Environmental Specialist
Asbestos Inspector No. 200031-7843

Mark E. Wilson, P.E.
Consultant No. AX 85
State of Florida

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July 1, 2020

Southern Earth Sciences, Inc.
7500 McElvey Road, Suite A
Panama City Beach, FL 32408

CLIENT PROJECT: Endeavor Bldg S-113 Boiler Room, P20-0300
CEI LAB CODE: B202817

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 29, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Southern Earth Sciences, Inc.

CLIENT PROJECT: Endeavor Bldg S-113 Boiler Room, P20-0300

LAB CODE: B202817

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 07/01/20

TOTAL SAMPLES ANALYZED: 13

SAMPLES >1% ASBESTOS:

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Endeavor Bldg S-113 Boiler Room, P20 -0300 **LAB CODE:** B202817

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B48948	Black,Green	Shingle	None Detected
2		B48949	Black	Felt	None Detected
3		B48950	Black,Green	Shingle	None Detected
4		B48951	Black	Felt	None Detected
5		B48952	Gray	Concrete	None Detected
6		B48953	White,Yellow	Insulation With Jacket	None Detected
7		B48954	White,Yellow	Insulation With Jacket	None Detected
8		B48955	White,Yellow	Insulation With Jacket	None Detected
9		B48956	White	Gasket	None Detected
10		B48957	White	Gasket	None Detected
11		B48958	White,Tan	Boiler Insulation	None Detected
12		B48959	White,Tan	Boiler Insulation	None Detected
13		B48960	White,Tan	Boiler Insulation	None Detected

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
7500 McElvey Road, Suite A
Panama City Beach, FL 32408

Lab Code: B202817
Date Received: 06-29-20
Date Analyzed: 06-30-20
Date Reported: 07-01-20

Project: Endeavor Bldg S-113 Boiler Room, P20-0300

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1 B48948	Shingle	Heterogeneous Black,Green Fibrous Bound	60% 	Fiberglass 	35% 5%	Tar Gravel	None Detected
2 B48949	Felt	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected
3 B48950	Shingle	Heterogeneous Black,Green Fibrous Bound	60% 	Fiberglass 	35% 5%	Tar Gravel	None Detected
4 B48951	Felt	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected
5 B48952	Concrete	Homogeneous Gray Non-fibrous Tightly Bound			70% 30%	Silicates Binder	None Detected
6 B48953	Insulation With Jacket	Heterogeneous White,Yellow Fibrous Loosely Bound	60% 10%	Fiberglass Cellulose	20% 5% 5%	Binder Metal Foil Paint	None Detected
7 B48954	Insulation With Jacket	Heterogeneous White,Yellow Fibrous Loosely Bound	60% 10%	Fiberglass Cellulose	20% 5% 5%	Binder Metal Foil Paint	None Detected

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
7500 McElvey Road, Suite A
Panama City Beach, FL 32408

Lab Code: B202817
Date Received: 06-29-20
Date Analyzed: 06-30-20
Date Reported: 07-01-20

Project: Endeavor Bldg S-113 Boiler Room, P20-0300

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
8 B48955	Insulation With Jacket	Heterogeneous White,Yellow Fibrous Loosely Bound	60% 10%	Fiberglass Cellulose	20% 5% 5%	Binder Metal Foil Paint	None Detected
9 B48956	Gasket	Homogeneous White Fibrous Loosely Bound	100%	Fiberglass	<1%	Binder	None Detected
10 B48957	Gasket	Homogeneous White Fibrous Loosely Bound	100%	Fiberglass	<1%	Binder	None Detected
11 B48958	Boiler Insulation	Homogeneous White,Tan Fibrous Loosely Bound	100%	Fiberglass	<1%	Binder	None Detected
12 B48959	Boiler Insulation	Homogeneous White,Tan Fibrous Loosely Bound	100%	Fiberglass	<1%	Binder	None Detected
13 B48960	Boiler Insulation	Homogeneous White,Tan Fibrous Loosely Bound	100%	Fiberglass	<1%	Binder	None Detected

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LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST: Gannon Griffin

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	B202617
CEI Lab I.D. Range:	B459446 - B459460

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COMPANY INFORMATION		PROJECT INFORMATION
CEI CLIENT #:		Job Contact: Caleb Sims
Company: SOUTHERN EARTH SCIENCES INC.		Email / Tel: csims@soearth.com 850-249-6025
Address: 7500 McElvey Road, Suite A		Project Name: ENDEAVOR BLDG 5-113 Boiler Room
Panama City Beach, FL 32408		Project ID#: P20-0300
Email: csims@soearth.com, tbarry@soearth.com		PO #: P20-0300
Tel: 850-249-6025	Fax: 850-872-9967	STATE SAMPLES COLLECTED IN: FL

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:	☑ Accept Samples ☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/26/2020 1510	[signature]	6/29/2020 9:00

Samples will be disposed of 30 days after analysis

B20-0300

SOUTHERN EARTH SCIENCES, INC.
7500 McElvey Road, Suite A
Panama City Beach, Florida 32408
Phone 850-769-4773 FAX 850-872-9967

LIST OF SUSPECT ACM BULK SAMPLE MATERIALS

PROJECT: ENDEAVOR BLDG S-113 BOILER ROOM **SES FILE #:** P20-0300

TURNAROUND TIME: 3 DAYS **DATE:** 6/26/2020

Sample #:	Location:	Description:
1	ROOF	SHINGLE
2	↓	FELT
3	↓	SHINGLE
4	↓	FELT
5	SLAB FOUNDATION	CONCRETE
6	BOILER PIPE	PIPE INSULATION w/ JACKET
7	↓	" "
8	↓	" "
9	BOILER	CLOTH GASKET
10	↓	" "
11	↓	BOILER INSULATION
12	↓	" "
13	↓	" "

SAMPLE ACCOUNTABILITY & TRANSFER RECORD

RELINQUISHED BY: CALEB SIMMS	DATE/TIME: 6/26/2020 15:00
RECEIVED BY:	DATE/TIME: