

DATE: 07/21/2023

State of Illinois
OFFICE OF THE ILLINOS STATE TREASURER

Hanson Professional Services, Inc.
1525 S. 6th Street,
Springfield, IL 62703

TO: PROSPECTIVE BIDDERS

SUBJECT: ADDENDUM NO. 2 TO THE BIDDING DOCUMENTS FOR

IL State Treasurer No. 370-800-23-022
MARINE BANK BUILDING ACCESS AREA
ONE EAST OLD STATE CAPITOL PLAZA, SPRINGFIELD, IL
SANGAMON COUNTY, IL

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents, dated July 11, 2023. Acknowledge receipt of this addendum in space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

PROJECT MANUAL

1. Section 00 11 13 – Advertisement for Bids
 - a. This addendum modifies the bid date(s) as follows: Bids are due on Tuesday, 08/08/2023 at 1 p.m.
2. Section 00 31 33 – Environmental Data (New section)
 - a. This Document along with its referenced attachments is being provided by the Owner for Bidder(s) convenience and is intended to supplement rather than serve in lieu of Bidders' own investigations. This Document and its attachments are not part of the Contract Documents.
3. Section 01 11 00 – Project Summary
 - a. This addendum modifies the substantial completion date as follows: Substantial completion shall be achieved on or before November 30, 2023.

4. Section 01 50 00 – Temporary Facilities and Controls

a. Replace 3.1.G as follows:

Restrooms in Treasurer’s Office will not be available for use by Contractor’s personnel. If portable sanitation systems are desired to be used, Contractor shall coordinate their permissibility and placement with the City of Springfield. Service regularly.

DRAWINGS

1. Sheet S-103 Clarification. Contractor shall provide depiction of proposed temporary shoring system for support of curved knee wall, including components sizes, spans and basis of selection for Architect/Engineer’s review prior to implementation of the shoring. The adequacy of the shoring system remains the responsibility of the Contractor. At their discretion, Contractor may engage an independent, licensed structural engineer for preparation of their shoring.

*Except as modified herein, Addendum No. 01 and the originally issued bid documents shall remain in full force and effect.

Very truly yours,

Hanson Professional Services Inc.
1525 S. 6th Street
Springfield IL 62703

This addendum consists of 33 pages, including attachments.

Attachments:

- Section 00 11 13 – Advertisement for Bids (2 pgs)
- Section 00 31 33 – Environmental Data (1 pg)
 - Limited Asbestos Inspection Report (13 pgs)
 - Lead-Based Paint Inspection Report (8 pgs)
- Section 01 11 00 – Project Summary (2 pgs)
- Section 01 50 00 – Temporary Facilities and Controls (5 pgs)

The State of Illinois, Office of the Illinois State Treasurer will receive sealed bids for:

IL STATE TREASURER NO. 370-800-23-022
MARINE BANK BUILDING ACCESS AREA
ONE EAST OLD STATE CAPITOL PLAZA, SPRINGFIELD, IL
SANGAMON COUNTY, IL

PROJECT DESCRIPTION: The Office of the Illinois State Treasurer (“Treasurer”) owns the Marine Bank Building (“Building”) located at One East Old State Capitol Plaza, Springfield, Illinois. Interior to and attached to the Basement Level of the Building is an access tunnel (“Access Area”) to a parking garage located underneath the Old State Capitol Building. This project will renovate, waterproof and include other upgrades of the Access Area.

SINGLE PRIME DELIVERY METHOD:

Either the Single Prime Bidder or a protected subcontractor must be listed for each trade provided on the Bid Form. Only one protected subcontractor may be listed for each trade. Failure to identify the name and bid proposal cost of each listed protected subcontractor on the provided Bid Form or providing more than one protected subcontractor for each trade will be a material deficiency (no time will be allowed after bid opening to remedy deficiency) and will result in the rejection of the bid. All protected subcontractors listed must be prequalified with CDB in accordance with CDB Standard Documents for Construction, Article 00 21 05.

<u>TRADE</u>	<u>COST RANGE</u>	<u>BID DATE/TIME</u>
GENERAL	under \$ <u>500,000</u>	Tuesday, 08/08/2023 @ 1 p.m.

BIDS

Proposals may be submitted via hard copy form or electronically to MarineBankIFB@illinoistreasurer.gov. Proposals submitted in hard copy form must be submitted in a sealed envelope or package with “Office of the Illinois State Treasurer Request for Bids for Marine Bank Building Access Area 370-800-23-022” shown on the front of the envelope or package, along with the Respondent’s name and address.

BID LOCATION

IL State Treasurer’s Office
One East Old State Capitol Plaza, Springfield, IL 62701
Attn: Christopher Flynn

Bid/Project location can accept bids via USPS, all shipping services and in person. Bid changes can only be accepted via hard copies delivered to the bid/project location.

Minority and Female Business Subcontractor/Supplier Participation is Applicable.

Obtain Plans From:

Springfield Reprographics / Springfield Reprographics Plan Room
1620 S. 5th Street, Springfield, Illinois 62703
217-523-4632
www.springfieldrepro.com

- There is no charge for downloading electronic bid documents through Springfield Reprographics.
- Hard copies of bid documents are non-refundable with fees paid to Springfield Reprographics.

PREBID MEETING

A Prebid Meeting for all Prime Bidders will be held on Tuesday, July 18 at 10 a.m. at the site: One East Old State Capitol Plaza, Springfield, IL. **Attendance is highly encouraged**, but not mandatory.

BID OPENING

Bids will be opened publicly, via livestream only, at 3 p.m. CST on August 8, 2023. The livestream will be available online at <https://www.facebook.com/ILTreasurerProcurement>.

INFORMATION TO BIDDERS:

- A. Prequalification. Bidders must be prequalified with CDB; allow 45 days for application processing. For an application and a copy of CDB's Standard Documents for Construction (applicable to this project), visit CDB's Website www.illinois.gov/cdb or phone 217/782-6152 (TDD 217/524-4449).
- B. MBE/WBE/PBE/VBE. MBE/WBE/PBE/VBE firms must be certified or registered with the State of Illinois Commission on Equity and Inclusion as an MBE, WBE, PBE, or VBE prior to bidding.
- C. Prevailing Wage. Contractor shall not pay less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract, and shall comply with the requirements of the Prevailing Wage Act (820 ILCS 130/1-12).
- D. Registration with the Illinois Procurement Gateway (IPG). All new and renewing vendors that request either Architect/Engineer, Construction Manager/Program Manager, or Contractor prequalification must be an "Active (Accepted)" registrant in the IPG. Vendors not subject to prequalification renewal prior to time of bid may pre-register with the IPG and receive a vendor registration number. The IPG is a web-based system that serves as the primary location for entering, organizing, and reviewing vendor information. The IPG allows prospective vendors to provide disclosures, registrations, and other documentation needed to do business with the State in advance of any particular procurement.
- E. Certifications and Disclosures. New vendors and vendors renewing prequalification must have an approved Illinois Procurement Gateway registration number and completed Form B. Vendors not subject to prequalification renewal prior to time of bid have the option to submit the Standard Certifications and Disclosure Form(s) (Form A) with bid at time of submittal. Failure to provide a completed Form A standard certifications and financial disclosure or Form B, will result in rejection of bid.
- F. Subcontractors. You are also required to submit disclosure forms and standard certifications for subcontractors not considered incidental to the performance of the contract with an annual value over \$100,000 within 20 days of execution of your contract with CDB or execution of the contract between you and your subcontractor, whichever is later. A valid IPG registration number can be provided in lieu of hard copies of the standard certifications and financial disclosure forms. (See D. above.) Subcontractors must receive an Authorization to Proceed prior to performance of any work.
- G. Supplement to SDC. Bidders are advised to review Article 01 11 01, Supplement to SDC, for any revisions to the Standard Documents for Construction.
- H. Progress Payments. Progress payments will normally be issued by the Treasurer within 30 business days after CDB receives and approves an Invoice-Voucher.
- I. Bid Protest. Bidder may submit a written protest to Treasurer at MarineBankIFB@illinoistreasurer.gov or to One East Old State Capitol Plaza, Springfield, Illinois following the requirements of the Administrative Rules, 44 Ill. Adm. Code 1400.4005. For protests related to specifications, the Treasurer must physically receive the protest no later than fourteen (14) days after solicitation or related addendum was posted. For protest related to rejection of individual bids or awards, the protest must be received by close of business no later than fourteen (14) days after the protesting party knows or should have known of the facts giving rise to the protest.
- J. Standard Documents for Construction. Unless otherwise instructed, reference throughout the contract documents to the Standard Documents for Construction shall be interpreted to include reference to the most recent Supplement to the applicable Standard Documents for Construction.

END OF SECTION 00 11 13

1. GENERAL

1.1 ENVIRONMENTAL DATA

- A. This Document with its referenced attachments is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations. They are made available for Bidders' convenience and information. This Document and its attachments are not part of the Contract Documents.
- B. Because these data are based on a sampling in relation to the entire construction area, and for other reasons, the Owner, the A/E, the A/E's consultants, and the firm reporting the Environmental Data do not represent that these samplings exhaustively represent all materials that may be encountered during the course of construction. If during the course of construction Contractor encounters any other environmentally-suspect materials, Contractor shall notify the Owner prior to disturbing said materials so that the Owner may undertake appropriate testing and remediation, as necessary.
- C. The following reports are attached to this section.
 - 1. Lead-Based Paint Inspection Report prepared by Reliable Environmental Solutions, Inc., dated July 10, 2023
 - 2. Limited Asbestos Inspection Report prepared by Reliable Environmental Solutions, Inc., dated July 10, 2023.

END OF DOCUMENT 00 31 33

LIMITED ASBESTOS INSPECTION REPORT

For

**ILLINOIS STATE TREASURER'S OFFICE
1 EAST OLD STATE CAPITOL PLAZA
SPRINGFIELD, ILLINOIS 62701**

At

**PARKING GARAGE TUNNEL ACCESS
ILLINOIS STATE TREASURER'S
1 EAST OLD STATE CAPITOL PLAZA
SPRINGFIELD, ILLINOIS 62701**

Date of Sampling: July 10, 2023

prepared by

**Reliable
Environmental
Solutions, Inc. **

4211 Westgate Drive, Springfield, IL 62711

217.787.9800

www.ReliableEnv.com

RES Project #23250

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SECTION 5: Inspector's Credentials

INTRODUCTION

I. SCOPE

Reliable Environmental Solutions, Inc. (RES) performed a limited asbestos inspection of the Illinois State Treasurer's Office Parking Garage Tunnel Access located at 1 Old State Capitol Plaza in Springfield, Illinois, on July 10, 2023. The purpose of the inspection was to identify asbestos containing materials in the area prior to renovation.

II. INSPECTION PROTOCOL

The inspection was performed in accordance with the Asbestos Hazard Emergency Response Act (AHERA) and the National Emission Standards for Hazardous Air Pollutants (NESHAP). Personnel performing the inspection are accredited by the Asbestos School Hazard Abatement Reauthorization Act (ASHARA) and are licensed by the Illinois Department of Public Health (IDPH). Credentials of the on-site licensed inspector are located in Section 5 of this report.

The intent of the inspection is to survey all areas; however, inaccessible areas that would require destructive methods to uncover suspect materials may not have been surveyed. Any suspect material discovered during a renovation or demolition that has not been identified in this report must be sampled.

III. SAMPLING PROTOCOL

Bulk samples of materials suspected of containing asbestos were collected in a random manner. The Summary of Findings located in Section 2 of this report identifies these suspect materials. The Summary of Findings also provides the number of samples collected for each suspect material.

Between three and seven samples were collected from each homogeneous material. A homogeneous material is a material that is uniform in color and texture and installed at the same time. The number of samples collected is dictated by AHERA based on the type of material sampled. State of the art practices require three negative results to state that a material is negative, whereas one positive result will result in the entire homogeneous area being identified as positive.

IV. ANALYSIS PROTOCOL

Samples were analyzed by TEM Environmental, Inc. of Glendale Heights, Illinois. TEM Environmental, Inc. is an NVLAP accredited laboratory. Credentials for the laboratory are located in Section 4 of this report. Samples were analyzed by Polarized Light Microscopy (PLM) according to AHERA protocol.

Friable materials found to contain less than ten percent asbestos are recommended to be point counted according to the NESHAP regulations. IDPH does not allow point counting in schools and the transmission electron microscopy (TEM) method has proven to be more reliable method for a similar cost; therefore, RES recommends utilizing TEM in lieu of point counting.

Certain non-friable materials are difficult to properly ascertain the asbestos content with the PLM method; therefore, in some circumstances the laboratory will recommend TEM analysis to determine if these materials are actually negative. The Illinois regulatory agencies will use TEM analysis to determine if a material contains asbestos; therefore, it is recommended that the non-friable materials identified by the laboratory be further analyzed by TEM.

V. SUMMARY

The Illinois State Treasurer's Office Parking Garage Tunnel Access located at 1 Old State Capitol Plaza in Springfield, Illinois, was inspected for asbestos containing materials prior to renovation. The materials found to contain asbestos are listed below.

- **No materials tested positive for ACM by polarized light microscopy.**

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client: Reliable Environmental Solutions, Inc.			Project Location: IL State Treasurer						
Contact: William S. Williams			Project Reference: 23250						
Address: 2760 W. Jefferson			TEM Project: 70270						
Springfield IL 62702-			Analyzed by: Lori Boersma						
			Date Analyzed: 7/12/2023						
Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
Client Sample ID	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler	Comments
Description			Type	Percent	Type	Percent	Binder		
MCA-1	489752	Brown/White	None Detected	-	-	Cellulose:	5-10	87-93	
						Glass:	2-3		
MCA-2	489753	Brown/White	None Detected	-	-	Cellulose:	5-10	87-93	
						Glass:	2-3		
MCA-3	489754	Brown/White	None Detected	-	-	Cellulose:	5-10	87-93	
						Glass:	2-3		
MMA-1	489755	Tan	None Detected	-	-	Cellulose:	90-100	0-10	
MMA-2	489756	Tan	None Detected	-	-	Cellulose:	90-100	0-10	
MMA-3	489757	Tan	None Detected	-	-	Cellulose:	90-100	0-10	
MMB-1	489758	Black	None Detected	-	-	-	-	90-100	
MMB-2	489759	Black	None Detected	-	-	-	-	90-100	

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Reliable Environmental Solutions, Inc.	Project Location:	IL State Treasurer
Contact	William S. Williams	Project Reference:	23250
Address:	2760 W. Jefferson	TEM Project:	70270
	Springfield IL 62702-	Analyzed by:	Lori Boersma
		Date Analyzed:	7/12/2023

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
Client Sample ID	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler	Comments
Description				Type	Percent	Type	Percent	Binder	
MMB-3	489760	Black	None Detected	-	-	-	-	90-100	
MMC-1	489761	Yellow	None Detected	-	-	-	-	90-100	
MMC-2	489762	Yellow	None Detected	-	-	-	-	90-100	
MMC-3	489763	Yellow	None Detected	-	-	-	-	90-100	
MMD-1	489764	Gray	None Detected	-	-	-	-	90-100	
MMD-2	489765	Gray	None Detected	-	-	-	-	90-100	
MMD-3	489766	Gray	None Detected	-	-	-	-	90-100	

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Reliable Environmental Solutions, Inc.	Project Location:	IL State Treasurer
Contact	William S. Williams	Project Reference:	23250
Address:	2760 W. Jefferson	TEM Project:	70270
	Springfield IL 62702-	Analyzed by:	Lori Boersma
		Date Analyzed:	7/12/2023

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
Client Sample ID	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler	Comments
Description				Type	Percent	Type	Percent	Binder	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.

SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.



Report Approved by: _____

TEM, Env. # 70270

CHAIN OF CUSTODY RECORD FOR ASBESTOS BULK SAMPLES

1. Facility Name: IL State Treasurer 2. Project #: 23250
3. Building Address: Springfield, IL 4. Date Collected: 7/10/23
5. Inspectors Name: William S. Williams 6. License #: 100-00311
7. Sample Numbers: MCA-1,2,3; MMA-1,2,3; MMB-1,2,3; MMC-1,2,3; MMD-1,2,3

8. Total # Samples: 15

COMMENTS: _____ Analysis Type: PLM

TURNAROUND: RUSH 24 HOUR 2-3 DAY 4-5 DAY OTHER _____

9. Sample Numbers Relinquished: See item 7 above
Relinquished by: William S. Williams Representing: Reliable Environmental Solutions, Inc.
Signature: William S. Williams
Method of Transmission: Federal Express
Date and Time: 7/10/23 4:00 PM

Sample Numbers Received: see item 7 above
Received by: Jari Boersma Representing: TEM, Env.
Signature: J. Boersma
Conditions of Samples upon Receipt: OK
Date and Time: 7-11-2023 11:00 am
Reason for obtaining Samples: for analysis

10. Sample Numbers Relinquished: _____
Relinquished by: _____ Representing: _____
Signature: _____
Method of Transmission: _____
Date and Time: _____

Sample Numbers Received: _____
Received by: _____ Representing: _____
Signature: _____
Conditions of Samples upon Receipt: _____
Date and Time: _____
Reason for obtaining Samples: _____

11. Sample Numbers Relinquished: _____
Relinquished by: _____ Representing: _____
Signature: _____
Method of Transmission: _____
Date and Time: _____

Sample Numbers Received: _____
Received by: _____
Signature: _____
Conditions of Samples upon Receipt: _____
Date and Time: _____
Reason for obtaining Samples: _____

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101130-0

TEM Environmental, Inc.
Glendale Heights, IL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2022-10-01 through 2023-09-30

Effective Dates



A handwritten signature in blue ink, reading 'Dana S. Gorman', positioned over a horizontal line.

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TEM Environmental, Inc.
174 North Brandon Drive
Glendale Heights, IL 60139
Mr. James Tuinenga
Phone: 630-790-0880 Fax: 630-790-0882
Email: jimt@tem-inc.com
<http://www.tem-inc.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101130-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

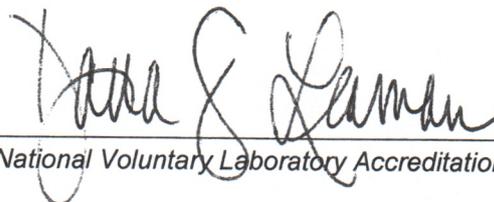
Airborne Asbestos Analysis

Code

Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

WILLIAM S WILLIAMS
 1408 S CLAY
 JACKSONVILLE, IL 62650

4/18/2023

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 00311

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

Back of License

		ASBESTOS PROFESSIONAL LICENSE		ENDORSEMENTS	TC EXPIRES
ID NUMBER 100 - 00311	ISSUED 4/18/2023	EXPIRES 05/15/2024		INSPECTOR	3/17/2024
WILLIAM S WILLIAMS 1408 S CLAY JACKSONVILLE, IL 62650 Environmental Health				MANAGEMENT PLANNER PROJECT MANAGER AIR SAMPLING PROFESSIONAL	3/17/2024 1/27/2024
				Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate.	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
 EMAIL Address: dph.asbestos@illinois.gov



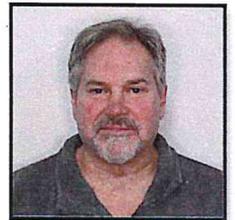
2200 Vandalia Street, Collinsville, IL 62234 * Phone: 618-855-8764

Environmental and Occupational Safety & Health Training

Does hereby certify

William Williams

2760 W. Jefferson Street, Springfield, IL 62702



Has successfully completed and passed the course examination with at least 70% for re-accreditation under AHERA (Title II)

Asbestos Building Inspector Refresher

Class Date: 03/17/2023
Examination Date: 03/17/2023
STC Certificate Number: STC-20230317-003567ABIR
Certification Expiration: 03/17/2024

David M. Mendoza – President/Training Director
Certified Environmental Specialist
OSHA Authorized Instructor

LEAD-BASED PAINT INSPECTION REPORT

For

**ILLINOIS STATE TREASURER'S OFFICE
1 EAST OLD STATE CAPITOL PLAZA
SPRINGFIELD, ILLINOIS 62701**

At

**PARKING GARAGE TUNNEL ACCESS
ILLINOIS STATE TREASURER'S
1 EAST OLD STATE CAPITOL PLAZA
SPRINGFIELD, ILLINOIS 62701**

Date of Sampling: July 10, 2023

prepared by

**Reliable
Environmental
Solutions, Inc.** **RES**

**2760 W. Jefferson Street, Springfield, IL 62702
217.787.9800**

www.ReliableEnv.com

RES Project # 23250

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SECTION 2: Summary of Findings

SECTION 3: XRF Sample Results

SECTION 4: Inspector's Credentials

INTRODUCTION

I. SCOPE

Reliable Environmental Solutions, Inc. (RES) performed a lead-based paint inspection of the Illinois State Treasurer's Office located at 1 East Old State Capitol Plaza in Springfield, Illinois. RES performed testing to identify locations of lead-based paint in the Parking Garage Tunnel Access at the above referenced facility that may be impacted by proposed renovations. The inspection was performed on July 10, 2023.

II. SAMPLING PROTOCOL

Samples were collected utilizing the Pb200i manufactured by Heuresis, Inc. The Pb200i is an X-ray Fluorescence Detector (XRF) which is a state-of-the-art analytical instrument used to detect the presence of lead in paint in a non-destructive manner. The radioactive material used as the radiation source is Cobalt (Co^{57}). While sampling, gamma-rays are emitted by the Cobalt which strike a painted surface and excite the atoms in the sample to produce fluorescent X-rays. The Pb200i contains a special x-ray detector that determines the fraction of rays that are characteristic of lead fluorescence to measure the amount of lead in the sample. The results are displayed in a digital read out and are reported in milligrams per square centimeter (mg/cm^2).

According to Housing and Urban Development (HUD) guidelines and the Illinois Department of Public Health (IDPH), XRF sample results found to be greater than or equal to $1.0 \text{ mg}/\text{cm}^2$ are positive for the presence of lead-based paint.

III. REPORT FORMAT

This report is organized into four (5) sections:

- Introduction
- Summary of Findings
- XRF Sample Results
- Licenses and Accreditations

The Summary of Findings located in Section 2 identifies the surfaces found to contain lead-based paint and their locations.

Each individual room or hallway has been given a distinct room name that corresponds to the locations described in the Summary of Findings and the XRF Sample Results. The location of the samples within each room and the exterior of the building are identified by side A, B, C, or D with side A being the main entrance to the facility and the remaining sides labeled in a clockwise direction.

The XRF sample results are located in a table format in Section 3. The table identifies:

- Sample number

- Structure of material sampled (wall, window, door, etc.)

- Substrate behind paint sampled (drywall, plaster, wood, metal, brick or concrete)

- Color of surface paint sampled

- Results (positive or negative)

- Lead concentration (PbC)

Personnel performing the inspection are accredited by EPA and licensed by the Illinois Department of Public Health as Lead Inspectors/Risk Assessors. The inspectors have also been trained in the use of the Pb200i which includes radiation safety training. Credentials of the on-site licensed inspectors are located in Section 5 of this report.

IV. LIMITATIONS

The intent of the inspection is to survey all areas that will be affected by the demolition; however, inaccessible areas that would require destructive methods may not have been surveyed. Pb200i Analyzer's field of view is limited to a maximum depth of 3/8", deep enough to handle virtually all painted surfaces, but not designed to detect lead behind the wall. Any suspect surface discovered during a renovation that has not been identified in this report must be tested.

This inspection was conducted for the presence of lead-based paint only. No other environmental concerns or conditions were addressed during this particular inspection.

The sampling results and material conditions/color documented in this report are accurate at the time of the inspection. Conditions at the property after the inspection may change and are in no manner documented within this report.

SUMMARY OF FINDINGS

Reliable Environmental Solutions, Inc. (RES) performed a lead-based paint inspection of the Illinois State Treasurer's Office located at 1 East Old State Capitol Plaza in Springfield, Illinois. The inspection was performed on July 10, 2023 in the Parking Garage Tunnel Access. Samples were collected utilizing the Pb200i manufactured by Heuresis, Inc.

HUD and the Illinois Department of Public Health use a standard of (≥ 1.0 mg/cm²). The following components were identified as positive for the presence of lead according to the HUD and IDPH guidelines.

- **No lead-based paint identified.**



**LEAD RISK
ASSESSOR LICENSE**

LEAD ID	ISSUED	EXPIRES
001097	12/23/2022	1/31/2024

William S Williams
1408 S Clay Ave
Jacksonville, IL 62650



ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
RISK ASSESSOR CERTIFICATE EXPIRES
12/18/2023

This license issued under authority of the State
of Illinois -Department of Public Health

This license is valid only when accompanied by
a valid training course certificate

If found return to 525 W. Jefferson St Springfield, IL 62761

CERTIFICATE OF ACHIEVEMENT

Lead Risk Assessment Recertification

Accredited by Illinois Department of Public Health

This is to certify that WILLIAM WILLIAMS has completed the 8-HOUR LEAD RISK ASSESSMENT RECERTIFICATION course and successfully passed the examination on 12/18/2020 with a minimum score of 70%. Training was in accordance with Title X, U.S. EPA Model Training Course Curriculum, 1995, the HUD Guidelines, 1995, and the Illinois Dept. of Public Health, 1998.

12/18/2020

Course Dates:

12/18/2023

Expires:

2012RAR12

Certificate Number:



Environmental &
Occupational Services

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FORM # L-017B

1. **STANDARD DOCUMENTS FOR CONSTRUCTION:** CDB's (*2009) edition of the Standard Documents for Construction (SDC) and the Supplement to Standard Documents for Construction (Section 01 11 01) shall apply to this project.
 - A. This project is being procured and managed by the Office of the Illinois State Treasurer (“Treasurer”).
 - B. The Illinois Capital Development Board (CDB) is not managing the project. However, Contractor shall be prequalified by CDB. Additionally, CDB documents are being used and CDB procedures are being followed for administration of this project to the extent identified in this Project Manual.
 - C. Where the terms Capital Development Board or CDB are used to identify the party taking action or to whom action is to be addressed, it shall be interpreted as Office of the Illinois State Treasurer.

2. **GENERAL PROJECT INFORMATION:**
 - A. **DESCRIPTION:** The Office of the Illinois State Treasurer (“Treasurer”) owns the Marine Bank Building (“Building”) located at One East Old State Capitol Plaza, Springfield, Illinois. Interior to and attached to the Basement Level of the Building is an access tunnel (“Access Area”) to a parking garage located underneath the Old State Capitol Building. This project will renovate, waterproof and include other upgrades of the Access Area.
 - B. **EXISTING CONDITIONS:** Construction will be occurring at an occupied office building and within a public way.
 1. Partial lane closures on 6th Street are required for Contractor access.
 2. Lane closures will not be permitted during The Mother Road Festival during September 21 - 24, 2023.
 3. Work is expected to temporarily block the east entrance/egress point for the underground parking garage at the Old State Capitol. Contractor to provide associated signage for the associated partial closure of underground parking. However, Contractor is not responsible for remuneration to the garage operator for any parking revenue loss.
 - C. **RELATED WORK**
 1. **WORK BY OTHERS:** None
 2. **FUTURE WORK:** None

3. **CONTRACT TIME:** Refer to Articles 00 72 10 and 01 32 00 of the Standard Documents for Construction.

The contractor shall complete all work through Substantial Completion in accord with the contract within 60 consecutive calendar days from the date of the Authorization to Proceed and shall complete all remaining work in accordance with the contract (Final Acceptance) within 15 consecutive calendar days from the date of Substantial Completion. Substantial completion shall be achieved on or before November 30, 2023.

4. **CONTRACT(S).** Construct project under single prime contract. All work shown on the bidding documents is the responsibility of the contractor, regardless of the trade or specialty involved.

5. **PREBID MEETING.** A Prebid Meeting for all Prime Bidders will be held on Tuesday, July 18

at 10 a.m. at the site: One East Old State Capitol Plaza, Springfield, IL. Attendance is highly encouraged, but not mandatory.

6. **CONTRACT ADMINISTRATION FEE:** Not applicable to this project. ~~A contract administration fee (CAF) is applicable to each contract in accordance with Article 00 21 40 of the Standard Documents for Construction.~~
~~The contractor will be assessed three percent (3%) of their awarded contract (base bid plus any awarded alternates). The assessed amount will be included in the Notice of Award Letter. Bidders shall include an allowance for the CAF assessment in their bid.~~
7. **BID SECURITY:** Bid security must be submitted with each bid equal to 10% of the base bid and must be in the form of a CDB bid bond, certified check, cashier's check or bank draft. Refer to Article 00 43 13 of the Standard Documents for Construction.
8. **BUILDERS RISK INSURANCE, DESIGNATED PURCHASER.** The contractor shall purchase and maintain builder's risk insurance in accord with Article 00 73 19 of the Standard Documents for Construction.
9. **PROCUREMENT OF DOMESTIC PRODUCTS ACT.**
 - A. The Procurement of Domestic Products Act, 30 ILCS 517/10, requires each purchasing agency making purchases of procured products to promote the purchase of and give preference to manufactured articles, materials, and supplies that have been manufactured in the United States.
 - B. "Manufactured in the United States" means, in the case of assembled articles, materials, or supplies, that design, final assembly, processing, packaging, testing, or other process that adds value, quality, or reliability occurs in the United States.

As the A/E of Record, our determination is the promotion and preferences required are being applied to this project. Bidders may request preference on document 00 41 00 – Bid Form.
10. **BID PREFERENCE FOR ILLINOIS BUSINESSES.** Section 45-105 of the Illinois Procurement Code (30 ILCS 500/45-105) provides a bid preference of 4% of the contract base bid to any responsible bidder that is an Illinois business.

The Bid Preference for Illinois Businesses applies to this project.
11. **LIQUIDATED DAMAGES:** ~~Not applicable to this project. Per Article 00 72 75 of the Standard Documents for Construction, liquidated damages in the amount of (*\$ amount) per working day per contract beyond the scheduled completion date may be assessed by CDB.~~
12. **FIELD OFFICES:**
 - A. No space allowance for field offices. Meetings may be held in the Treasurer's Office with coordination.

END OF SECTION 01 11 00

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section includes requirements for temporary utilities, support facilities, and security and protection facilities.

1.3 INFORMATIONAL SUBMITTALS

- A. Temporary Enclosure Design: Submit design of a temporary enclosure of the access tunnel for protection against the elements during construction.
 - 1. Indicate the design wind loading of temporary enclosure.
 - 2. Indicate attachment methods to existing construction and repair to existing construction when temporary enclosure is removed.
 - 3. Indicate methods to access the access tunnel for demolition and reconstruction activities.
- B. Temporary Protective Construction Design: Submit design of temporary protective construction under the existing access tunnel. The intent of the temporary protective construction is to prevent debris and moisture from the demolition activities from falling into the space and damaging the existing components.
 - 1. Indicate the design loading for vertical loads for temporary protective construction.
 - 2. Indicate attachment and /or bearing location on existing base slab to be used to support temporary protective construction for review by the Engineer.
 - 3. Indicate methods for dust and moisture protection for temporary protective construction.
- C. Temporary Shoring Design: Submit design of temporary shoring for support of curved knee wall at the landing to the stairs to the tunnel from the sidewalk level. Knee wall is anticipated to be undermined by the demolition activities and will require shoring until it is resupported by the repaired tunnel lid.
- D. Noise and Vibration Control Plan: Identify construction activities that may impact the occupancy and use of existing spaces within the building or adjacent existing buildings, whether occupied by others, or occupied by the Owner. Include the following:
 - 1. Methods used to meet the goals and requirements of the Owner.
 - 2. Concrete cutting method(s) to be used.
 - 3. Location of construction devices on the site.
 - 4. Show compliance with the use and maintenance of quieted construction devices for the duration of the Project.

5. Indicate activities that may disturb building occupants and that are planned to be performed during non-standard working hours as coordinated with the Owner.
6. Indicate locations of sensitive equipment areas or other areas requiring special attention as identified by Owner. Indicate means for complying with Owner's requirements.

1.4 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
- B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

1.5 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Engage Installer of each permanent service to assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.

1.6 DESCRIPTION OF TEMPORARY UTILITY SYSTEMS

- A. Entire Specification at no additional expense to the Project or Owner.
- B. Each Contractor:
 1. Hoses and fittings from temporary standpipes or water service connections.
 2. All utilities to own field office.
- C. Exterior Lighting:
 1. If project work requires outages of any exterior lighting, including building, sidewalk or street lighting, adequate temporary lighting shall be provided for the entire duration of the outage as part of the project.
- D. Temporary Meter:
 1. If it is not possible to use the building's meter, a temporary meter shall be installed. This temporary meter shall meet the reliability and accuracy requirements of the Owner as specified in the Contract Documents and will be subject to verification by the Owner.
- E. Snow Melt System:
 1. Existing snow melt system in the stair to the tunnel will need to be protected or repaired by the Contractor as part of the repairs.

1.7 USE OF USING AGENCY'S EXISTING SYSTEMS

- A. Make written arrangements with Using Agency's representative.
- B. Modify, supplement, and extend system to meet temporary utility requirements for project, subject to approval of Architect/Engineer and Using Agency.
- C. Limitations
 - 1. Do not overload systems. When project requirements exceed system capacity, provide separate system to meet needs.
 - 2. Prevent interference with Using Agency's normal use of system.
- D. Maintain strict supervision of use of temporary facilities.
 - 1. Enforce conformance with Using Agency's regulations,
 - 2. Use only designated facilities, systems, or portion thereof.
- E. Upon completion of need to use existing systems, or when directed by Architect/Engineer, restore existing systems to specified permanent condition.

PART 2 - PRODUCTS

- A. **MATERIALS:** May be new or used, but shall be adequate for purposes used, shall not create unsafe or unsanitary conditions, nor violate applicable codes.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.
- C. Isolation of Work Areas in Occupied Facilities: Prevent dust, fumes, and odors from entering occupied areas.
- D. Heating and Ventilating: Locate units to meet project progress and as approved by Architect/Engineer. Avoid interference with:
 - 1. Work or traffic areas.
 - 2. Materials handling or storage areas.
 - 3. Stairwells, access ramps and ladders.
- E. Electrical:

1. Do not run branch circuits on floor or on ground.
2. Verify proper operation of all safety devices

F. Water service:

1. Do not run piping on floor or on ground.
2. Provide drip pan under each water service connection located within the building.
3. Provide insulation or other means to prevent pipes from freezing.
4. When necessary to maintain pressure, provide temporary pumps, tanks and compressors.

G. Toilets:

1. Restrooms in Treasurer’s Office will not be available for use by Contractor’s personnel. If portable sanitation systems are desired to be used, Contractor shall coordinate their permissibility and placement with the City of Springfield. Service regularly.

3.2 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. Protection of Existing Facilities: Protect existing vegetation, equipment, structures, utilities, and other improvements at Project site and on adjacent properties, except those indicated to be removed or altered. Repair damage to existing facilities.

3.3 TEMPORARY ENCLOSURE

- A. Construct temporary enclosure prior to demolition activities which could expose the tunnel to the elements.
- B. Construct temporary enclosure to allow drainage of stormwater and prevent ponding on enclosure structure.
- C. Allow temporary enclosure to be temporarily opened or partially removed for short durations during construction to allow for removal and installation of construction materials. Temporary enclosure to be restored in advance of rain and/or high wind events.
- D. Do not allow temporary enclosure to remain open overnight. Restore temporary protection prior to leaving the site.

3.4 TEMPORARY PROTECTIVE CONSTRUCTION

- A. Install method of moisture collection as part the temporary protective construction to protect the existing tunnel access area from damage due to dust and moisture caused by demolition of the roof slab. Prevent moisture from entering the tunnel access area in an uncontrolled fashion. Do not allow water or debris to drain into the tunnel access area.

3.5 OPERATION, TERMINATION, AND REMOVAL

- A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.
- B. Maintenance: Maintain facilities in good operating condition until removal.
- 1. Maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.
- C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion or as agreed upon with Owner.
- D. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
- 1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.
- 2. Remove temporary roads and paved areas not intended for or acceptable for integration into permanent construction. Where area is intended for landscape development, remove soil and aggregate fill that do not comply with requirements for fill or subsoil. Remove materials contaminated with road oil, asphalt and other petrochemical compounds, and other substances that might impair growth of plant materials or lawns. Repair or replace street paving, curbs, and sidewalks at temporary entrances, as required by authorities having jurisdiction.
- 3. At Substantial Completion, repair, renovate, and clean permanent facilities used during construction period. Comply with final cleaning requirements specified in Section 01 74 23 "Final Cleaning".

END OF SECTION 01 50 00