PROJECT ORDER PROPOSAL **RTQ NO. 01064-PO#9**

PROJECT ORDER PROPOSAL

Date: September 2, 2022

Miami-Dade County, Aviation Department
Civil Environmental Engineering Division
Contract No. RTQ No. 01064, Hazardous Material Removal Services Prequalification

Project Name: Miami Executive Airport - Building 504 Demolition
Project Order No.: RTQ-01064-PO#9

The bidder declares that they have examined the site of work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans, Specifications and other Contract Document relative thereto, including the Contract Bid Notification, Bidding Procedures and Instructions to Bidders, any and Supplemental Conditions, and acknowledges all Addenda issued; and that they have satisfied themselves as to the work to be performed, and the time within which it is to be completed.

The Bidder agrees, if this Bid is accepted, to contract with Miami-Dade County Aviation Department in the form of a Project Order to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, labor all means, methods, techniques, sequences, procedures, and incidentals necessary to construct and complete, within the time specified, the work covered by this Bid Form and other Contract Documents for:

Project Order Number: **RTQ-01064-PO#9** entitled **Miami Executive Airport - Building 504 Demolition** a part of Miami Dade County: Hazardous Material Removal Contract MDAD Contract No: RTQ No. 01064 at Building 504: 12800 SW 145 Avenue, Miami, Florida.

The Bidder further agrees not to withdraw this Bid for a period of thirty (30) days after the times set for the opening of Bids.

The Bidder agrees that they will comply with Miami Dade County Aviation Department requirements described in the Contract Documents.

The Bidder agrees that, in case of unit price items if any, the quantities of the work stated in the Schedule of Prices Bid are estimates only and may be increased or decreased as provided in General Conditions.

CONE OF SILENCE
Pursuant to Section 2-11.1 (t) of the Code of Miami-Dade County, as amended, a "Cone of Silence" is imposed upon issuance of this ITQ after advertisement and terminates at the time a written recommendation is issued. (Use this link to enter the ITQ information on the Cone Report: https://intra8.miamidade.gov/Apps/ISD/SBD/Login.aspx)

METHOD OF AWARD
Award of this Contract will be made to the lowest responsive and responsible Bidder:
☒ in the aggregate for all items listed in the Schedule of Prices below. If a Bidder fails to submit an offer for all items, its offer may be rejected.
☐ on an item-by-item basis.
☐ on a group-by-group basis.

CONTRACT MEASURE(S)
Prior to award and after bids are received, the recommended lowest responsive responsible bidder shall submit a Utilization Plan in BMWS for approval to identify the SBEs that will be utilized on this Project to meet the requirements under Section 2.9 of the RTQ.

COMMUNITY WORKFORCE PROGRAM (CWP)
Community Workforce Goal is a requirement that a percentage of the workforce performing construction trades work and labor under a Capital Construction Contract/Work Orders be residents of a Designated Target Area. Pursuant to Section 2.9 of the RTQ, the Bidder shall comply with the 10% Community Workforce Goal as required by the Community Workforce Program provisions, Special Provisions 3.

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CWP LIQUIDATED DAMAGES
In the event that the Contractor has not achieved the established local Workforce Goal pursuant to Section 2.9 of the RTQ, Liquidated Damages of a minimum of $3,000.00 per position by which the Contractor fails to comply with such goal or the wages that would have been payable for such position had the person(s) been hired for the position as listed on the approved Workforce Plan including all approved revisions to the Workforce Plan, whichever is greater, shall be assessed in accordance with Special Provisions 4, Community Workforce Program.

PROJECT ORDER TIME
Completion of the Work within the Project Order Time is of the essence. The Project Order Time for this Work is 180 calendar days from the effective date established in the Notice to Proceed.

RESPONSIBLE WAGE AND BENEFITS MIAMI-DADE COUNTY CODE SECTION 2-11.16: In the event that no Federal Funds are involved in this Contract, the minimum wage rates for laborers, mechanics and apprentices shall be not less than those established by Miami-Dade County in accordance with the Responsible Wages and Benefits requirements of Miami-Dade County Code Section 2-11.16, which are included in Special Provisions 3 and that Bidder acknowledges awareness of the penalties for non-compliance with the said requirements.

LOCAL PREFERENCE CERTIFICATION: For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

Initial here _____ only if affirming the Bidder meets the requirements for Local Preference. Failure to affirm this certification at this time may render the Bidder ineligible for Local Preference. **IN ACCORDANCE WITH CFR 200.319(b), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.**

LOCALLY HEADQUARTERED BUSINESS CERTIFICATION: For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "locally-headquartered business" is a Local Business whose "principal place of business" is in Miami-Dade County.

Initial here _____ only if affirming the Bidder meets the requirements for the Locally Headquartered Preference (LHP). Failure to affirm certification at this time may render the Bidder ineligible for the LHP.

The address of the Locally Headquartered office is: _____

IN ACCORDANCE WITH CFR 200.319(b), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.

LOCAL CERTIFIED VETERAN BUSINESS ENTERPRISE CERTIFICATION: A Local Certified Veteran Business Enterprise is a firm that is (a) a local business pursuant to Section 2-8.5 of the Code of Miami-Dade County; and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to Section 295.187 of the Florida Statutes.

Initial here _____ only if affirming Bidder is a Local Certified Veteran Business Enterprise. A copy of the certification must be submitted with the bid. **IN ACCORDANCE WITH CFR 200.319(b), LOCAL CERTIFIED VETERAN BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.**

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SCHEDULE OF PRICES BID

Award of this contract will be made to the lowest responsive and responsible Bidder in the aggregate for items 1-14 listed below. If a bidder fails to submit an offer for all line items, its offer may be rejected. The Bidder agrees to accept as full compensation for all work required to complete the Contract, the prices set forth in the below Schedule of Prices Bid. Prices below include tax, insurance, and bond (if required).

Item #	Description	Location	Quantity	U/M	Unit Price
1	Mobilization/Demobilization	Building 504	1	LS	$
2	All Around Site Security/Fencing	Building 504	1	LS	$
3	Utility Cut-Off	Building 504	1	LS	$
4	Building Demolition	Building 504	1	LS	$
5	Asbestos Abatement - Flooring	Room 119 & Hallway (3 Layers)	282	SF	$
6	Asbestos Abatement - Flooring	Rooms 118, 120 & 121 (2 Layers)	259	SF	$
7	Asbestos Abatement - Flooring	Rooms 100 & 108	388	SF	$
8	Asbestos Abatement - Flooring	Room 105 & Entry (2 Layers)	142	SF	$
9	Asbestos Abatement - Exterior Stucco	Building 504 Exterior	4400	SF	$
10	Lead-Based Paint TCLP Sampling	Building 504	1	LS	$
11	Exit Signs-Potential Tritium Containing	Within test cells and control rooms	4	EA (sign)	$
12	PCB Containing Light Ballasts	Building 504	25	EA (fixture)	$
13	Mercury Containing Fluorescent Lights	Control Rooms and Loft	58	EA (bulb)	$
14	Air Conditioner Freon	Wall Mounted Unit in control Rooms	2	EA (AC Unit)	$
15	10% Contingency Allowance	Miami-Dade County will calculate amount			
16	10% Dedicated Allowance Account for Hazardous Materials	Miami-Dade County will calculate the amount			
17	10% Dedicated Allowance Account for Source Removal	Miami-Dade County will calculate the amount			
18	**TOTAL BID**	Miami-Dade County will calculate the amount (sum of Items 1 through 14)			

A. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:

The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section 286.011 and Chapter 119. As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, **by signing below**, knowingly, and expressly **waives** all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.

Acknowledgment of Waiver:

Bidder's Authorized Representative's Signature: **Date:**

B. CONVICTION DISCLOSURE:

Pursuant to Section 2-8.6 of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here **only** if the Bidder has such conviction to disclose to comply with this requirement.

C. CONFLICT OF INTEREST DISCLOSURE:

Pursuant to Section 2-11.1 (c) and (d) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ **YES** or ☐ **NO**

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ **YES** or ☐ **NO**

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

Representative's Name: **Representative's Title:**

Representative's Name: **Representative's Title:**

D. BIDDER'S INFORMATION

Legal Company Name (include d/b/a if applicable):

Bidder's Contact Person: **Email Address:**

Phone Number (include area code): **Federal Tax Identification Number:**

PROJECT ORDER PROPOSAL **RTQ NO. 01064-PO#9**

Bidder's Address:

E. ACKNOWLEDGEMENT OF BINDING OFFER

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature: **Date:**

Representative's Name: **Representative's Title:**

Project Order No.: RTQ-01064-PO#9 includes the following attachments:

- Project Order Proposal (POP)
- Project Order (PO)
- Exhibit A Hazardous Materials Abatement and Demolition Plan

PROJECT ORDER DRAFT Date: September 2, 2022

Miami-Dade County, Aviation Department
Civil Environmental Engineering Division
Contract No. RTQ No. 01064, Hazardous Material Removal Services Prequalification

Project Name: Miami Executive Airport - Building 504 Demolition
Project Order No.: RTQ-01064-PO#9

ANNOUNCEMENT FOR PROJECTS

1. Sealed bids for this Project shall be received, in person, by the Miami-Dade Aviation Department (MDAD) on **September 16, 2022 at 2:00 p.m. at 4331 NW 22 Street, Bldg. 3040, Miami, FL 33122. Bids should be marked on the outside of the sealed envelope "Miami Executive Airport – Building 504 Demolition, Project Number RTQ-01064-PO#9".** Bid will be opened in at the Procurement & Materials Management Division office immediately following the closing time. Bids received after the time and date specified will not be considered. The County reserves the right to postpone or cancel the Bid opening at any time prior to the scheduled opening of Bids. Bidders are invited to be present. The responsibility for submitting bids on or before the stated time and date specified is solely the responsibility of the bidder. The County will in no way be responsible for delays caused by technical difficulty or caused by any other occurrence. All expenses involved with the preparation and submission of bids to the County, or any work performed in connection therewith, shall be borne by the bidder(s).

2. **Scope**

   To provide all labor, material, equipment, supervision, permitting, and services as necessary to complete the hazardous material removal and the demolition associated to it, and associated appurtenances that include hazardous substances. This work will include but is not limited to:

   • Hazardous substance cleaning/removal from the structures including asbestos- and lead-containing materials and polychlorobiphenyl, mercury, petroleum impacted materials
   • Proper disposal of hazardous wastes
   • Demolition of structures and appurtenances including subsurface materials. MDAD collected additional samples of the exterior stucco for Point Count analysis. All samples of stucco are <1% asbestos and therefore this material is NOT regulated. That leaves only the flooring materials within the building as regulated ACM to be removed prior to demolition. Contractor shall be responsible for deciding the method of demolition to be used
   • Proper disposal of building debris
   • Removal and proper disposal of Industrial Waste lines and associated impacted soils (contaminated and/or hazardous classification)
   • Utility cut off. Contractor shall be responsible for utility investigation
   • Fencing requirements: The initial fence is temporary, once the demo is finished, a permanent Aircraft Operations Area (AOA) fence must be built. Fence must follow the latest design guidelines for a perimeter AOA high security fence. Fence contractor must have a badge or be escorted at all times

   All work shall be in accordance with the HMRS Contract, the Project Manual and Plan of Action prepared by Intertek-Professional Service Industries, Inc. and GLE Associates, Inc Team dated May 2nd, 2022, and in accordance with all Federal, State and Local Rules and Regulations.

3. **Time of Completion**: 180 calendar days from Notice to Proceed (NTP). Bid preparation shall be in accordance with the instructions to bidders found in the Project Manual and Plan of Action. Please note that only Contractors who entered into the Non-Exclusive Hazardous Material Removal Contract with the County shall submit a bid. The County reserves the right to waive any and all informalities and irregularities, and to reject any or all bids.

4. **Pre-bid Conference and Walk-through**: A pre-bid conference and walk-trough can be scheduled upon request. Requests must be made in writing and submitted via email to Juliana Manjarres: jmanjarres@flymia.com with a copy to the Clerk of the Board clerk.board@miamidade.gov. **All requests must be submitted by 2:00 p.m., September 6th, 2022.**

5. Additional Information/Addenda: Requests for additional information or clarifications must be made in writing and submitted via email to Juliana Manjarres: jmanjarres@flymia.com, with a copy to the Clerk of Board: clerk.board@miamidade.gov. **All requests must be submitted by 2:00 p.m., September 7th, 2022.**

6. The evaluation of competitive bids is subject to Sections 2-8.5 and 2-8.5.1 of the Code, which, except where contrary to federal and state law, or any other funding source requirements, provides that preference be given to local businesses and local certified veteran's businesses. IN ACCORDANCE WITH CFR 200.319(B), PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

7. The provisions of Contract Documents for the Hazardous Material Removal Contract are incorporated herein by reference thereto. Each Contractor has copies of the Contract Documents.

8. The Demo Plan and specifications have been incorporated herein as Exhibit A.

EXHIBIT A

Miami Executive Airport – Building 504 Demolition

Civil Environmental Engineering Division
Hazardous Material Removal Services Prequalification (HMRS)
MDAD Contract No. RTQ No 01064

HAZARDOUS MATERIALS ABATEMENT AND DEMOLITION PLAN (DRAFT)

For

Tamiami Airport - Building 504
12800 Southwest 145th Avenue
Miami, Florida

Prepared for

MIAMI-DADE AVIATION DEPARTMENT
Miami International Airport
P.O. Box 025504
Miami, Florida

Prepared by

INTERTEK-PROFESSIONAL SERVICE INDUSTRIES, INC.
7950 NW 64 Street
Miami, Florida 33166
Phone: (305) 471-7725

Intertek-PSI Project Number – 07843458

May 2, 2022

psi Information To Build On
Engineering • Consulting • Testing

TAMIAMI AIRPORT - BUILDING 504
HAZARDOUS MATERIALS ABATEMENT AND DEMOLITION PLAN

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AIR-CONDITIONING, HEATING AND REFRIGERATION INSTITUTE (AHRI)

- AHRI Guideline K (2015) Guideline for Containers for Recovered Non- Flammable Fluorocarbon Refrigerants

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)

- AASHTO M 145 (1991; R 2017) Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
- AASHTO T 180 (2020) Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop

AMERICAN NATIONAL STANDARDS INSTITUTE/AMERICAN SOCIETY OF SAFETY PROFESSIONALS (ANSI/ASSP)

- ANSI/ASSP A10.6-2006 (R2016) Safety and Health Program Requirements for Demolition Operations

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

- 40 CFR 61 National Emission Standards for Hazardous Air Pollutants
- 40 CFR 82 Protection of Stratospheric Ozone
- 49 CFR 173.301 Shipment of Compressed Gases in Cylinders and Spherical Pressure Vessels
- 29 CFR 1910; 29 CFR 1926 Occupational Safety and Health Administration - Safety and Health Regulations for General Industry and Construction

1.2 PROJECT DESCRIPTION

This Project consists of the demolition of structures and appurtenances defined as Building 504, which may include but not limited to:

- Hazardous materials removal and disposal
- Demolition of structures above and below grade
- Restoration/stabilization of site soils
- The work will require coordination with but not limited to tenants, other MDAD divisions and other projects in the area.
- ID badging as required by MDAD

The contractor will prepare a Demolition/Deconstruction Plan and submit proposed demolition and removal procedures for the referenced structures and appurtenances. Figures 1 and 2, provided as an attachment, shows the approximate location of the site and locations of the structures on the property.

1.2.1 Demolition/Deconstruction Plan

Prepare a Demolition Plan that Includes the proposed procedures for careful removal and disposition of materials specified to be salvaged, coordination with other work in progress, a detailed description of methods and equipment to be used for each operation and of the sequence of operations. Identify components and materials to be salvaged for recycling with reference to paragraph "Existing Facilities to be Removed". Append tracking forms for all removed materials indicating type, quantities, condition, destination, and end use. Provide procedures for safe conduct of the work in accordance with ASSE/SAFE A10.6. These plans shall be approved by the MIA and MIA's Consultant prior to work beginning.

1.2.2 General Requirements

The work should be performed in a manner that maximizes salvage and recycling of materials. Remove rubbish and debris from the project site; do not allow accumulations inside or outside the buildings. The work includes demolition of all existing structures, equipment, sidewalks, curbs, pavement (identified as not remaining), fencing, lighting and power poles, slabs and footings. Salvage of items and materials as necessary to reduce overall cost and disposal quantities. In the interest of occupational safety and health, perform the work in accordance with ASSE/SAFE A10.6.

The contractor must be a Division I Licensed Contractor in accordance with Section 489.105(3), Florida Statutes.

As part of this project, asbestos containing materials and identified hazardous materials shall be removed prior to any demolition activities (where feasible) and in accordance with the applicable local, state, and federal regulatory guidance and the plans prepared by Miami-Dade Aviation Department's (MDAD) Consultant, appended to this document.

Specific quantities and locations of hazardous material to be removed are provided in the Asbestos Demolition Survey for Building 504 provided by GLE, which is provided as an attachment.

A summary of quantities of hazardous materials and appurtenances to be removed are as follows:

Material	Location	Quantity
Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic	Underneath two layers of vinyl floor tile in Room 119 and adjacent hallways	282 Square Feet
White 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic	Underneath one layer of vinyl floor tile in Rooms 118, 120 & 121	259 Square Feet

Material	Location	Quantity
Residual Black Mastic	Underneath one layer of ceramic tile in Rooms 100 & 108	388 Square Feet
Residual Black Mastic	Underneath one layer of ceramic tile and one layer of vinyl floor tile in Room 105 and adjacent entry area.	142 Square Feet
Stucco Finish	Exterior of Building	4,400 Square Feet
Exit Signs – Possible Tritium Containing	Throughout Building 504	Unknown
Polychlorobiphenyl (PCB) Fluorescent Light Ballasts	Throughout Building 504	Approximately 25 Fixtures
Mercury Containing Light Bulbs	Throughout Building 504	Approximately 58 Bulbs
Freon Within Air Conditioner	Building 504	2 Each

1.3 ITEMS TO REMAIN IN PLACE

Take necessary precautions to avoid damage to existing items to remain in place, to be reused, or to remain the property of MDAD.

1.3.1 Existing Construction Limits and Protection

Do not disturb existing construction beyond the extent indicated. Provide temporary shoring and bracing for support of building components to prevent settlement or other movement, where required to safely perform the work. Provide protective measures to control accumulation and migration of dust and dirt in all work areas. A Dust Control Plan is required to be submitted and approved by MDAD prior to starting the work.

1.3.2 Trees

Protect trees within the project site which may be damaged during demolition, or are indicated to be left in place, by a silt fence. Erect and secure fence a minimum of 5 feet from the trunk of individual trees or follow the outer perimeter of branches or clumps of trees.

1.3.3 Utility Service

Prior to start of work, the contractor is to coordinate with MDAD regarding the removal, capping or otherwise disconnecting of all utilities serving the site. These include but are limited to electrical power, natural gas, water, sewer, communication cable (telephone/cable television).

The contractor is to provide written proof to MDAD's consultant that all utilities have been disconnected prior to commencing demolition work on the project site.

1.3.4 Facilities

Removal of existing utilities and pavement as specified or indicated; provide approved barricades, temporary covering of exposed areas, and temporary services as needed for the project. Ensure that **no elements** determined to be unstable are left unsupported and place and secure bracing, shoring, or lateral supports as may be required as a result of any cutting, removal, deconstruction, or demolition work.

1.4 SUBMITTALS

The contractor is to submit the following items for approval by MDAD and MDAD's Consultant prior to commencing any work on the site (Contractor shall coordinate with the MDAD to determine what certificates, licenses, insurance requirements, notifications, and permits should be submitted):

Preconstruction Submittals

- Certificates/Licenses
- Insurance
- Demolition/Deconstruction Plan
- Asbestos Abatement Work Plan
- Notification and Permits
- Stormwater Pollution Prevention Plan
- Dust Control Plan
- Site Health and Safety Plan

Closeout Submittals

- Receipts/Manifests
- As-Builts showing utility caps

1.5 QUALITY ASSURANCE

Submit Notification of Demolition and Renovation in accordance with 40 CFR 61, Subpart M. Notify the Florida Department of Environmental Protection air pollution control district/agency 10 working days prior to any demolition activates in accordance with 40 CFR 61, Subpart M. Comply with federal, state, and local hauling and disposal regulations. In addition to the requirements of the "Contract Clauses," conform to the safety requirements contained in ASSE/SAFE A10.6. Comply with the regulator requirements. Use of explosives will not be permitted.

The contractor must be a Division I Licensed Contractor in accordance with Section 489.105(3), Florida Statutes.

1.5.1 Dust Control

Prevent the spread of dust to adjacent areas and avoid the creation of a nuisance in the surrounding area by ensuring that enough water is used to prevent visible emissions of dust. As mentioned previously, a Dust Control Plan is required to be submitted and approved by MDAD as part of the project.

1.6 PROTECTION

1.6.1 Protection of Personnel

A Health and Safety Plan (HASP) is required to be submitted and approved by MDAD as part of the project. Before, during and after the demolition work continuously evaluate the condition of the structure being demolished and take immediate action to protect all personnel working in and around the project site. No area, section, or component of floors, roofs, walls, columns, pilasters, or other structural element will be allowed to be left standing without sufficient bracing, shoring, or lateral support to prevent collapse or failure while workmen remove debris or perform other work in the immediate area. The site must be secured every day to insure no one trespasses on the site.

1.7 EXISTING CONDITIONS

Before beginning any demolition or deconstruction work, survey the site and examine the associated drawings and plans to determine the extent of the work. It is the Contractor's responsibility to verify and document all required outages which will be required during the course of work, and to note these outages on the record document.

PART 2 PRODUCTS

2.1 FILL MATERIAL

a. Comply with excavating, backfilling, and compacting procedures for soils used as backfill material to fill voids, depressions and/or excavations resulting from demolition and/or deconstruction of structures. All voids, depressions, and/or excavations resulting from demolition and/or deconstruction of structures will be backfilled and compacted in 12-inch lifts to grade.

b. All voids, depressions, and/or excavations resulting from demolition and/or deconstruction of structures will be secured by fencing until backfilled to grade.

c. Fill material shall be clean-fill imported from a Miami-Dade approved quarry for backfill, with all source information provided. Any material utilized for backfill not imported from a Miami-Dade approved quarry will require the appropriate characterization and approval from MDAD prior to its use onsite. Fill material shall conform to the definition of satisfactory soil material as defined in AASHTO M 145, Soil Classification Groups A-1, A-2-4, A-2-5 and A-3. In addition, fill material shall be free from roots and other organic matter, trash, debris, frozen materials, and stones larger than 2 inches in any dimension.

d. Proposed fill material must be sampled and tested by an approved soil testing laboratory, as follows:

Soil classification	AASHTO M 145
Moisture-density relations	AASHTO T 180, Method B or D

e. The backfilled area associated with Building No. 504 will be leveled to grade and seeded.

PART 3 EXECUTION

3.1 ASBESTOS-CONTAINING MATERIALS ABATEMENT

Note: Asbestos-Containing Materials Abatement will not be conducted in occupied buildings.

Remove and dispose of all asbestos-containing materials (ACMs) identified during the Pre-Demolition Asbestos Survey and in accordance with applicable local, state, and federal regulations. The contractor shall provide an Asbestos Abatement Work Plan for review by MDAD and MDAD's consultant prior to initiation of removal activities. **The removal of all ACMs must be completed by a Florida Licensed Asbestos Contractor using proper engineering controls**.

ACMs were identified in samples collected during the Pre-Demolition Hazardous Materials Survey from Building 504 as listed above.

Guidance for the removal of specific ACMs identified on the property is provided below. **The Asbestos Demolition Survey Report is provided as an attachment.**

- Flooring materials identified in Building 504 are considered Category I, non-friable ACM under the NESHAP regulation and should be removed prior to demolition since they have the potential to become friable during the demolition process. The removal of this material is regulated by OSHA as Class II asbestos work.

- The Exterior Stucco identified on Building 504 is considered Category II, non-friable ACM under the NESHAP regulation. Although classified as a non-friable material, Category II non-friable materials pose a greater danger of producing airborne fibers during demolition activities than Category I non-friable materials and are therefore considered more hazardous. PSI recommends that this material be removed prior to disturbance.

Due to the complexity of meeting the OSHA and State of Florida requirements, the MDAD's consultant recommends that all ACM be removed by a Florida licensed asbestos contractor prior to demolition. PSI also recommends documentary air monitoring to verify compliance with federal regulation.

3.2 LEAD-BASED PAINT/MATERIALS CONTAINING LEAD REMOVAL AND DISPOSAL

Note: Removal and disposal of Lead-Based Paint/Materials Containing Lead will not be conducted in occupied buildings.

Lead-based paint was not identified during the hazardous materials survey in subject building. However, coatings containing some amount of lead were identified. Guidance for the removal of materials containing lead identified on the property is provided below.

- Adhere to all applicable Federal, State, and Local regulations and guidelines concerning the removal and disposal of materials containing lead.

- The OSHA Lead in Construction Standard (29 CFR 1926.62) does not include a definition for lead-based paint. Instead, OSHA is concerned with the airborne concentration of lead workers are exposed to during work that causes the disturbance of lead containing materials. Therefore, any employer whose workers perform tasks that disturb painted components containing any concentration of lead should ensure that their workers are properly trained, and exposure monitoring is performed in accordance with the OSHA standard. **Note: Construction work is defined as work for construction, alteration and/or repair, including painting and decorating. It includes but is not limited to the following:**

  - **Demolition or salvage of structures where lead or materials containing lead are present;**
  - **Removal or encapsulation of materials containing lead;**
  - **New construction, alteration, repair, or renovations of structures. Substrates, or portions thereof, that contain lead, or materials containing lead; and**
  - **Lead contamination/emergency cleanup.**

- The EPA regulates the disposal of hazardous waste under RCRA. In accordance with 40 CFR Part 261, lead-containing waste from non-residential facilities intended for disposal by land filling must be tested using the Toxicity Characteristic Leaching Procedure (TCLP) to determine if it is hazardous waste. The contractor is ultimately responsible for determining whether removed building waste materials may be disposed of as construction debris or must be treated and disposed of as a hazardous waste.

3.3 HAZARDOUS MATERIALS REMOVAL AND DISPOSAL

Note: Hazardous materials removal and disposal will not be conducted in occupied buildings.

Hazardous materials were identified in the building surveyed in the form of lighting ballasts, fluorescent lighting, potential tritium-containing exit signs, A/C refrigerant within central A/C units,. Guidance for the removal of the identified hazardous materials is provided below. **The Hazardous Materials Survey can be provided electronically upon request.**

EPA has determined that some specific wastes are considered hazardous. These wastes are incorporated into lists published by the EPA and organized into three categories:

- **The F-list (Non-Specific Source Wastes)** – The F-list identifies wastes from common manufacturing and industrial processes, such as solvents, that have been used in cleaning or degreasing operations. Because the processes producing these wastes can occur in different sectors of industry, the F-listed wastes are known as wastes from non-specific sources. Wastes included on the F-list can be found in the regulations at 40 CFR §261.31.

- **The K-list (Source-Specific Wastes)** – The K-list identifies wastes from specific industries, such as petroleum refining or pesticide manufacturing. Certain sludges and wastewaters from treatment and production processes in these industries are examples of source-specific wastes. Wastes included on the K-list can be found in the regulations at 40 CFR §261.32.

- **The P-list and the U-list (Discarded Commercial Chemical Products)** – The P- and U-lists identify specific commercial chemical products in unused form. Some pesticides and some

pharmaceutical products become hazardous waste when discarded. Wastes included on the P- and U-lists can be found in the regulations at 40 CFR §261.33.

Waste that are not specifically listed may still be considered a hazardous waste if they exhibit one or more of the four characteristics defined in 40 CFR Part 261 Subpart C - **ignitability (D001), corrosivity (D002), reactivity (D003), and toxicity (D004 - D043).**

- **Ignitability** - Ignitable wastes can create fires under certain conditions, are spontaneously combustible, or have a flash point less than 60 °C (140 °F). Examples include waste oils and used solvents.

- **Corrosivity** - Corrosive wastes are acids or bases (pH less than or equal to 2, or greater than or equal to 12.5) that are capable of corroding metal containers, such as storage tanks, drums, and barrels.

- **Reactivity** - Reactive wastes are unstable under "normal" conditions. They can cause explosions, toxic fumes, gases, or vapors when heated, compressed, or mixed with water.

- **Toxicity** - Toxic wastes are harmful or fatal when ingested or absorbed (e.g., containing mercury, lead, etc.). When toxic wastes are disposed on land, contaminated liquid may leach from the waste and pollute ground water. Toxicity is defined through a laboratory procedure called the Toxicity Characteristic Leaching Procedure (TCLP) (Method 1311). The TCLP helps identify wastes likely to leach concentrations of contaminants that may be harmful to human health or the environment.

Mercury-containing equipment, mercury containing lamps and batteries that are classified as hazardous waste can be collected under the streamlined collection standards for Universal Waste as defined by the EPA in 40 CFR §273 and the FDEP. Universal Waste identified as part of this investigation should be removed and either disposed or recycled in accordance with the EPA and FDEP guidelines.

Light fixture ballasts manufactured through 1979 and those without a "No PCBs" label should be assumed to contain polychlorinated biphenyls (PCBs). The capacitor in the ballast may contain two to three ounces of PCBs. Potting compound (used to dissipate heat from electrical components in the ballast) may be made of waste oil contaminated by PCBs. Transformers identified onsite also have the potential of containing PCBs. The Toxic Substances Control Act of 1976 (TSCA) regulates disposal and storage of PCB. Ballasts containing or suspected of containing PCBs should be disposed of at hazardous waste incinerators or chemical waste landfills.

Hazardous materials identified on the site should be removed and disposed of in accordance with applicable Federal, State, and Local regulations and guidelines.

3.5 EXISTING FACILITIES TO BE REMOVED

Existing construction scheduled to be removed shall not be reused. Facilities to be removed shall be addressed as follows.

3.5.1 Structures

a. After addressing hazardous materials and facilities in accordance with the information provided herein, remove existing structures indicated to be removed. The foundation slab and footings shall remain.

b. Demolish structures in a systematic manner from the top of the structure to the ground. Complete demolition work above each tier or floor before the supporting members on the lower level are disturbed. Demolish concrete and masonry walls in small sections.

3.5.2 Utilities and Related Equipment

3.1.2.1 General Requirements

Make every attempt to not interrupt existing utilities serving occupied or other facilities, except when authorized in writing. Do not begin demolition or deconstruction work until all utility disconnections have been made and documented.

3.1.2.2 Disconnecting Existing Utilities

Remove existing utilities and terminate in a manner conforming to the nationally recognized code covering the specific utility. When unmarked utility lines are encountered, notify MDAD or MDAD's Consultant prior to further work in that area. Remove meters and related equipment and deliver to a location approved by MDAD. Disconnection of fire detection systems is required to be coordinated through MDAD/MDFR.

3.5.3 Chain Link Fencing

To maintain security, the Contractor shall install temporary Federal Aviation Administration (FAA) compliant fencing on the "airside" of the project work area. The fencing should remain in place during all work. Permanent FAA compliant fencing shall be installed on the project site after the completion of demolition activities. The fencing shall be constructed in a configuration as determined by MDAD.

3.5.4 Paving and Concrete Slabs

Remove concrete and asphaltic concrete paving where required to complete demolition activities. Provide neat saw cuts at limits of pavement removal. Pavement and slabs are to be recycled to the extent possible in order to minimize the waste and disposal stream.

3.5.5 Concrete

Saw concrete along straight lines to a depth of at least 2 inches where concrete is to remain. Salvage removed concrete to the extent possible.

3.5.6 Structural Steel

Structural steel is to be recycled or scrapped as the contractor sees fit in an effort to reduce cost to MDAD. Various structural steel building components have been determined to be coated with lead-based paint and must be disposed of at a scrap metal collection or recycling facility which will accept lead coated metal.

3.5.7 Miscellaneous Metal

Salvage shop-fabricated items such as access doors and frames, steel gratings, metal ladders, wire mesh partitions, metal railings, metal windows and similar items as whole units. Salvage heating, ventilation, and air conditioning (HVAC) ducting, light-gage and cold-formed metal framing, such as steel studs, steel trusses, metal gutters, metal toilet partitions, toilet accessories and similar items. Scrap metal shall become the Contractor's property. Recycle scrap metal as part of demolition and deconstruction operations.

3.5.8 Miscellaneous Items

Any remaining items (e.g., office furniture, store fixtures) left if the facility is to be disposed of as part of this contract. Any items in the building become the property of the contractor. Items should be recycled if possible.

3.5.9 Air Conditioning/Cooling Equipment

The demolition of the cooling/air conditioning/refrigeration equipment should be conducted without releasing chlorofluorocarbon (CFC) refrigerants to the atmosphere in accordance with the Clean Air Act Amendment of 1990.

3.5.10 Tanks, Cylinders, and Canisters

Remove all fire suppression system cylinders and canisters and dispose of in accordance with the paragraph entitled "Disposal of Ozone Depleting Substance (ODS)" Section 3.8.2. Remove water, dirt, dust, and foreign matter from units; tanks, piping and fixtures shall be drained; interiors, if previously used to store flammable, explosive, or other dangerous liquids, shall be cleaned and properly disposed of in accordance with applicable regulations.

3.5.11 Piping

Classify piping as scrap metal after being emptied.

3.5.12 HVAC Ducts

Classify removed duct work as scrap metal.

3.5.13 Electrical Equipment and Fixtures

To the extent possible salvage motors, motor controllers, and operating and control equipment that are attached to the driven equipment. Salvage wiring systems and components. These items become the property of the contractor.

3.5.14 Fixtures

Remove and salvage electrical fixtures. Salvage unprotected glassware from the fixture and salvage separately. Salvage incandescent, mercury-vapor, and fluorescent lamps and fluorescent ballasts manufactured prior to 1978 or not marked as “Non-PCB” containing as detailed in Section 3.3. Box and tag for identification and protect from breakage. All salvaged electrical fixtures and associated glassware (bulbs) should be disposed of properly.

3.5.15 Electrical Devices

Remove and salvage switches, switchgear, transformers, conductors including wire and nonmetallic sheathed and flexible armored cable, regulators, meters, instruments, plates, circuit breakers, panelboards, outlet boxes, and similar items. These items become the property of the contractor.

3.5.16 Wiring, Conduit Ducts or Troughs

Consider conduit and wiring as scrap metal. These items become the property of the contractor.

3.5.17 Miscellaneous and Items

Classify masonry, supports, knobs, tubes, cleats, and straps as debris to be removed and disposed.

3.5.18 Items with Unique/Regulated Disposal Requirements

Remove and dispose of items with unique or regulated disposal requirements in the manner dictated by law or in the most environmentally responsible manner.

All asbestos is to be removed prior to demolition as indicated in Section 3.1. Building materials with lead-containing coatings must be addressed in accordance with Section 3.2.

3.5.19 Fire Suppression Containers

Deactivate fire suppression system cylinders and canisters with electrical charges or initiators prior to shipment. Also, safety caps must be used to cover exposed actuation mechanisms and discharge ports on these special cylinders

3.5.20 Manholes

Removal of manholes is not anticipated to be required as part of the demolition.

3.7 CONCURRENT EARTH-MOVING OPERATIONS

Do not begin excavation, filling, and other earth-moving operations that are sequential to demolition or deconstruction work in areas occupied by structures to be demolished or deconstructed until all demolition and deconstruction in the area has been completed and debris removed. Fill holes and other hazardous openings as they are encountered or uncovered. **Refer to Part 2 Execution for additional details concern backfill requirements for the site.**

3.8 DISPOSITION OF MATERIAL

3.8.1 Title to Materials

All salvaged items specified in related Sections, and for materials or equipment scheduled for salvage, all materials and equipment removed and not reused or removed by MDAD, shall become the property of the Contractor and shall be removed from MDAD property. Title to materials resulting from demolition and deconstruction, and materials and equipment to be removed, is vested in the Contractor upon approval by MDAD.

3.8.2 Disposal of Ozone Depleting Substance (ODS)

Class I and Class II ODS are defined in Section, 602(a) and (b), of The Clean Air Act. Prevent discharge of Class I and Class II ODS to the atmosphere. Place recovered ODS in cylinders meeting AHRI Guideline K suitable for the type ODS (filled to no more than 80 percent capacity) and provide appropriate labeling. Products, equipment and appliances containing ODS in a sealed, self-contained system (e.g. residential refrigerators and window air conditioners) shall be disposed of in accordance with 40 CFR 82. Submit Receipts or bills of lading, as specified.

3.8.3 Fire Suppression Containers

Deactivate fire suppression system cylinders and canisters with electrical charges or initiators prior to shipment. Also, safety caps must be used to cover exposed actuation mechanisms and discharge ports on these special cylinders.

3.8.4 Unsalvageable and Non-Recyclable Material

Dispose of debris, rubbish, scrap, and other non-salvageable materials resulting from removal operations with all applicable federal, state and local regulations as outlined in the Demolition Plan.

3.9 CLEANUP

Remove debris and rubbish from site. Remove and transport the debris in a manner that prevents spillage on streets or adjacent areas. Apply local regulations regarding hauling and disposal.

3.9.1 Final Site Preparation

Upon completion of demotion and removal activities the site is to be leveled to grade, raked clean, and prepared in a manner to avoid stormwater runoff. This shall include but is not limited to applying grass seeding to site prior to return to the MDAD. As mentioned previously, permanent FAA compliant fencing shall be installed on the project site after the completion of demolition activities. The fencing shall be constructed in a configuration as determined by MDAD.

- End of Section -

PSI appreciates the opportunity to have been of service to you. If you have any questions regarding our findings or complying with the EPA and OSHA regulations, please do not hesitate to give John Emerson a call at 786.668.3226 or email john.emerson@psiusa.com.

Sincerely,

PROFESSIONAL SERVICE INDUSTRIES, INC.

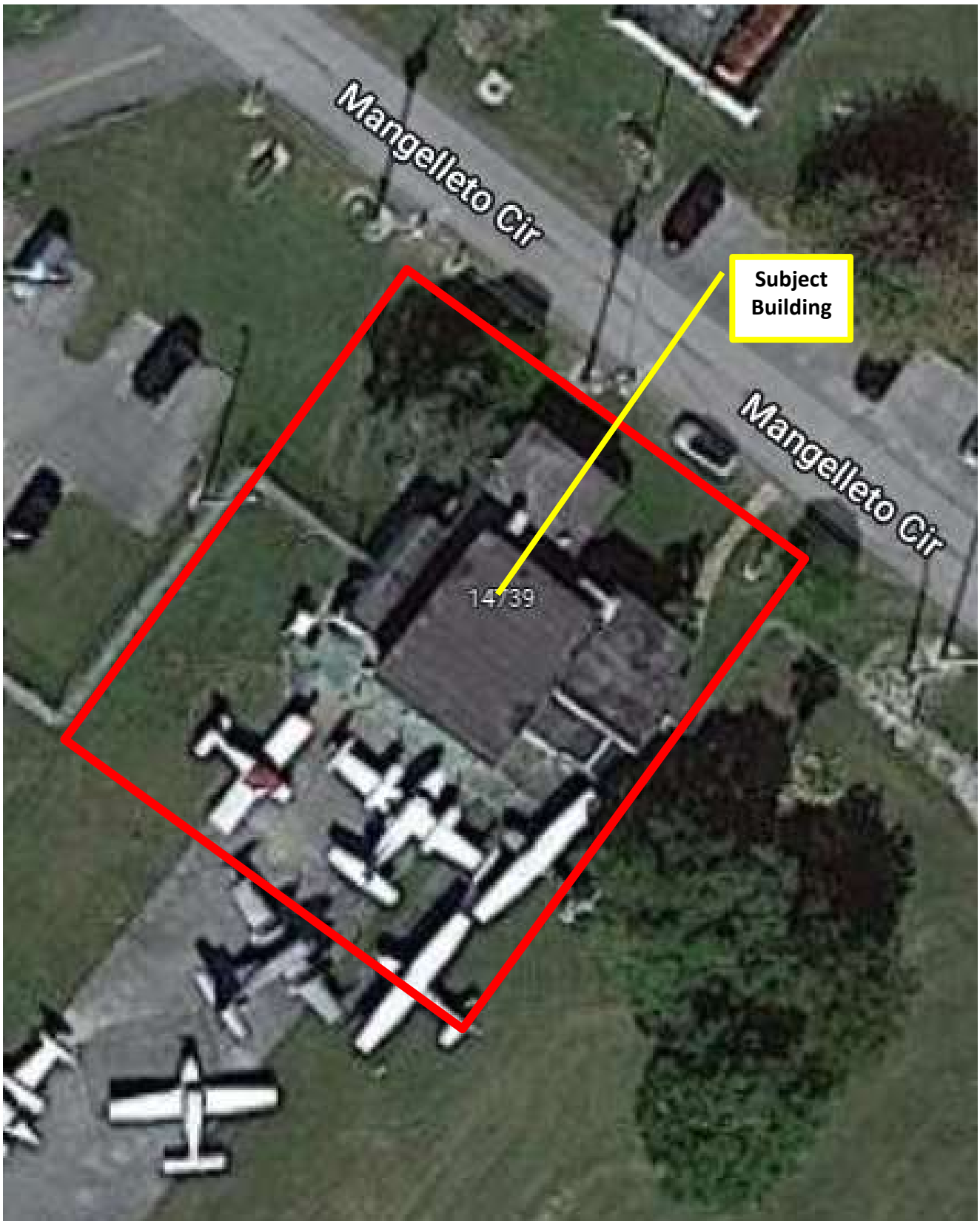
Jeremy Jernigan, CIH, CSP, CHMM
Principal Consultant

E. John Emerson, CSP, CIEC
Senior Industrial Hygienist/Principal Consultant

Attachments: Figure 1: Site Location Diagram
Figure 2: Site Structure Diagram
Asbestos Demolition Survey for Building 504, GLE

Figures

Project Boundaries



psi Information To Build On Engineering • Consulting • Testing	Site Location Diagram CLIENT: MIAMI-DADE AVIATION DEPARTMENT	Tamiami Airport - Building 504 12800 Southwest 145th Avenue Miami, Florida PSI Project No. 07843458

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psi Information To Build On Engineering • Consulting • Testing	**Site Structure Diagram** **CLIENT: MIAMI-DADE AVIATION DEPARTMENT**	**Tamiami Airport - Building 504** **12800 Southwest 145th Avenue** **Miami, Florida** **PSI Project No. 07843458**

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Asbestos Demolition Survey

DEMOLITION
ASBESTOS SURVEY REPORT

Miami Executive Airport - Building 504
12800 Southwest 145th Avenue
Miami, Florida

GLE Project No.: 21000-24523

Prepared for:

Miami-Dade County Aviation Department
P.O. Box 025504
Miami, Florida 33102

August 2021

Prepared by:

1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, Florida 33309
754-223-2697 • Fax 754-223-2937

August 23, 2021

Mr. Foster Mack
Miami-Dade County Aviation Department
P.O. Box 025504
Miami, Florida 33102

RE: Demolition Asbestos Survey Report
Miami Executive Airport - Building 504
12800 Southwest 145th Avenue
Miami, Florida

GLE Project No.: 21000-24523

Dear Mr. Mack:

GLE Associates, Inc. (GLE) performed a Demolition survey for asbestos-containing materials (ACM) on August 18, 2021, at Miami Executive Airport - Building 504, located in Miami, Florida. The survey was performed by Mr. Joshua Veltri with GLE. This report outlines the sampling and testing procedures, and presents the results along with our conclusions and recommendations.

GLE appreciates the opportunity to serve as your consultant on this project. If you should have any questions, or if we can be of further service, please do not hesitate to call.

Sincerely,
GLE Associates, Inc.

Joshua Veltri
Project Manager

Robert B. Greene, PE, PG, CIH, LEED AP
President
Florida LAC# EA 0000009

JMV/RBG/el

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1.0 INTRODUCTION

1.1 INTRODUCTION

The purpose of this demolition survey was to identify accessible asbestos-containing materials (ACMs) and their general locations within Miami Executive Airport - Building 504, located at 12800 Southwest 145th Avenue in Miami, Florida. The survey was conducted pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR 61) requirements, associated with the scheduled demolition plans. The survey was performed on August 18, 2021, by Mr. Joshua Veltri, an Environmental Protection Agency/Asbestos Hazard Emergency Response Act (EPA/AHERA) accredited inspector. The scope of this survey did not include demolition of any building components, evaluation of architectural plans, or the quantification of materials for abatement purposes, or removal cost estimating.

1.2 FACILITY DESCRIPTION

A summary of the facility investigated is outlined in the table below.

Facility Type:	Commercial
Construction Date:	Unknown
Number of Floors:	1
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Concrete Block (CMU)□
Exterior Finish:	Paint, Stucco
Roof System Type:	Built Up (Modified Bitumen)
Interior	
Wall Substrate:	Drywall and Joint Compound, Plaster, Drywall
Wall Finishes:	Paint, Cove Base
Floor Finishes:	Vinyl Floor Tile, Ceramic Tile
Ceiling System:	Plaster, Drywall, Suspended Ceiling System
Ceiling Finishes:	Paint, Suspended Ceiling Tiles

2.0 RESULTS

2.1 ASBESTOS SURVEY PROCEDURES

The survey was performed by visually observing accessible areas within the scope of work. An EPA/AHERA accredited inspector performed the visual observations (refer to Appendix B for personnel qualifications).

After the overall visual survey was completed, representative sampling areas were determined. The surveyor delineated homogeneous areas of suspect materials and samples of each material

were obtained, in general accordance with regulations as established by the Occupational Safety and Health Administration (OSHA) and NESHAP. The field surveyor determined sample locations based on previous experience. Both friable and non-friable materials were sampled. A friable material is one that can be crushed when dry by normal hand pressure. This survey did not include the demolition of building components to access suspect material.

After completion of the fieldwork, the samples were delivered to GLE's National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for analysis. The samples were analyzed by Polarized Light Microscopy (PLM) coupled with dispersion staining, in general accordance with EPA-600/R-93/116. Utilizing this procedure, the various asbestos minerals (chrysotile, amosite, crocidolite, actinolite, tremolite, and anthophyllite) can be determined. The percentages of asbestos minerals in the samples were visually determined by the microscopist. Please note that the EPA designates all materials containing greater than one percent asbestos as an "asbestos-containing material" (ACM).

Regulated Asbestos-Containing Material (RACM) is defined as (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 this subpart.

Category I and Category II non-friable ACM, as defined by the EPA:

- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, asphalt roofing products, and pliable sealants and mastics that are in good condition and not friable, containing more than one percent asbestos, as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix E, Subpart E, 40 CFR Part 763 Section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

2.2 IDENTIFIED SUSPECT ASBESTOS-CONTAINING MATERIALS

A total of eighty-four (84) samples of suspect building materials were collected from the facility during the survey, representing twenty-eight (28) different identified homogeneous areas. The results of the laboratory analyses are included in Appendix A.

A summary of the homogenous sampling areas of suspect ACM determined to be present is outlined in the following table.

TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS
MIAMI EXECUTIVE AIRPORT - BUILDING 504 – MIAMI, FLORIDA

HA #	HOMOGENEOUS MATERIAL DESCRIPTION	HOMOGENEOUS MATERIAL LOCATION	FRIABILITY (F /NF)	% ASBESTOS*	# OF SAMPLES COLLECTED	APPROXIMATE QUANTITY	ACM CATEGORY
CT-01	White 2'x4' Dot Furrow Ceiling Tile	Rooms 109, 110, 112, 114, 117, 120, 121	F	ND	3	NIS	NA
CT-02	White 2'x4' Dot Wormhole Ceiling Tile	Rooms 109, 110, 112, 114, 117, 120, 121	F	ND	3	NIS	NA
DW-01	White Drywall, no Joint Compound	Walls and Ceilings throughout except partition walls in rooms 109, 110, 112, 114 and Walls in Restroom and Shower	NF	ND	3	NIS	NA
DW-02	White Drywall with Joint Compound	Partition walls in rooms 109, 110, 112, 114	NF	ND	3	NIS	NA
FT-01	Brown Wood Pattern Plank Peel and Stick Flooring with Clear Glue	Hallway, Electrical Closet and Rooms 118, 120, 121	NF	ND	3	NIS	NA
FT-02	Light Blue 12"x12" Floor Tile with Tan Mastic	Room 119 Underneath FT-01: Hallway, Electrical Closet and Rooms 118, 120, 121	NF	ND	3	NIS	NA
FT-03	White 12"x12" Floor Tile with Tan Mastic	Underneath FT-01 and FT-02: Hallway and Electrical Closet	NF	ND	3	NIS	NA
FT-04	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Green Flooring Material	Underneath FT-01, FT-02, FT-03: Hallway	NF	ND	3	NIS	NA
FT-05	**Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic**	**Underneath two layers of FT-02: Room 119**	**NF**	Tile – ND Tan Mastic – ND **Black Mastic – 5% C**	**3**	**168 SF**	**CAT I**

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM		
ABBREVIATIONS:	PC = Results based on Point-Count analysis	TEM NOB = Transmission Electron Microscopy of Non-Friable Organically Bound Material			
	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	C = Chrysotile	A = Amosite
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	CF = Cubic Feet	

TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS MIAMI EXECUTIVE AIRPORT - BUILDING 504 – MIAMI, FLORIDA							
HA #	**HOMOGENEOUS MATERIAL DESCRIPTION**	**HOMOGENEOUS MATERIAL LOCATION**	**FRIABILITY (F /NF)**	**% ASBESTOS***	**# OF SAMPLES COLLECTED**	**APPROXIMATE QUANTITY**	**ACM CATEGORY**
FT-06	**White 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic**	**Underneath FT-01, FT-02: Room 120, 121**	**NF**	Tile – ND Tan Mastic – ND **Black Mastic – 5% C**	**3**	**346 SF**	**CAT I**
M-01	Red Ceramic Floor Tile with Gray Grout and Thinset	Rooms 109, 110, 112, 114, 117 Underneath Engineered Wood: Rooms 100, 105, 108	NF	ND	3	NIS	NA
M-02	Gray Concrete Block	Exterior Walls Throughout	NF	ND	3	NIS	NA
M-03	Gray Concrete Mortar	Exterior Walls Throughout	NF	ND	3	NIS	NA
M-04	White Caulking at Window Shakers	Rooms 100, 108, 112	NF	ND	3	NIS	NA
M-05	Gray Concrete Slab	Building Slab	NF	ND	3	NIS	NA
M-06	Yellow Ceramic Floor Tile with Gray Grout and Thinset	Restroom and Shower	NF	ND	3	NIS	NA
M-07	Yellow Ceramic Wall Tile with Gray Grout and Thinset	Restroom and Shower	NF	ND	3	NIS	NA
M-08	White Exterior Caulking	Exterior Doors and Windows	NF	ND	3	NIS	NA
MAS-01	White Roof HVAC Duct Mastic	Ductwork at Roof	NF	ND	3	NIS	NA
PL-01	White Interior Plaster Skim Coat with Gray Base Coat	Walls and Ceilings throughout except partition walls in rooms 109, 110, 112, 114 and Walls in Restroom and Shower	NF	ND	3	NIS	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
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HA #	**HOMOGENEOUS MATERIAL DESCRIPTION**	**HOMOGENEOUS MATERIAL LOCATION**	**FRIABILITY (F /NF)**	**% ASBESTOS***	**# OF SAMPLES COLLECTED**	**APPROXIMATE QUANTITY**	**ACM CATEGORY**
PL-02	**Gray Exterior Stucco**	**Exterior**	**NF**	**Stucco – 5% C** Paint - ND	**3**	**4,400 SF**	**CAT II**
R-01	Black Built up Bitumen Roof	Roof Field	NF	ND	3	NIS	NA
RF-01	Black Roof Edge Flashing	Roof Edges	NF	ND	3	NIS	NA
RF-02	Black Roof Curb Flashing with silver Paint	Roof Curbs	NF	ND	3	NIS	NA
RF-03	Black Flashing on Roof HVAC Duct	Ductwork at Roof	NF	ND	3	NIS	NA
RF-04	Black Roof Pitch Pan Flashing	Roof Pitch Pans	NF	ND	3	NIS	NA
VB-01	Beige Vinyl Cove Base with Tan Adhesive	Rooms 109, 110, 112, 114, 117	NF	ND	3	NIS	NA
VB-02	Green Vinyl Cove Base with Tan Adhesive	Room 119	NF	ND	3	NIS	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM		
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	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	C = Chrysotile	A = Amosite
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	CF = Cubic Feet	

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 GENERAL

Asbestos-containing materials (ACMs) were identified in the scope of this survey. General and specific conclusions and recommendations are provided below.

The EPA, OSHA and the State of Florida have promulgated regulations dealing with asbestos. For commercial building owners, the EPA NESHAP (40 CFR 61) regulations require removal of RACM, prior to conducting activities which might disturb the material. They also deal with notification, handling and disposal of asbestos.

The EPA recommends that an Operations and Maintenance (O&M) Program be developed for any facilities with ACM, and this Program should address all ACM (known and/or assumed) present. The O&M Program establishes notification and training requirements along with special procedures for working around the ACM. The O&M Program would remain in effect until all asbestos is removed.

Category I and Category II non-friable materials, as defined by the EPA, may remain within a facility during demolition with no potential cessation of work, provided they remain non-friable and the appropriate engineering controls (i.e., wet methods) are utilized, with the resulting waste disposed of as asbestos-containing waste. However, there is no guarantee that these materials will remain non-friable. If the materials become friable, then they are classified as RACM. Additionally, local jurisdictions may have more stringent interpretations regarding classification of these materials.

RACM, as defined by the EPA, must be removed prior to renovation or demolition activities that may disturb the materials.

The OSHA regulations deal with employee exposure to airborne asbestos fibers. The regulations restrict employee exposure, and require special monitoring, training and handling procedures when dealing with asbestos. Additionally, OSHA has regulations that may supersede the EPA regulations. In order to protect the worker, OSHA has established a permissible exposure limit (PEL), which limits employee exposure to airborne fiber concentrations. OSHA requires objective evidence that the PEL will not be exceeded, as justification that personal air monitoring and engineering controls will not be required. OSHA has also established rules requiring the containerization and labeling of asbestos waste.

The State regulations require that anyone involved in asbestos consulting activities be a licensed asbestos consultant and that anyone involved in asbestos abatement, with the exception of roofing materials, be a licensed asbestos abatement contractor.

3.2 SPECIFIC

FT-05: Residual Black Mastic Associated with Dark Blue 12"x12" Floor Tile with Tan Mastic
FT-06: Residual Mastic Associated with White 12"x12" Floor Tile with Tan Mastic

These materials are defined by the EPA as Category I non-friable materials. These materials may remain within a facility during demolition with no potential stoppage of work provided they remain non-friable. However, there is no guarantee that it will remain non-friable. If a material becomes friable, then it is classified as RACM. RACM, as defined by the EPA, must be removed prior to renovation or demolition activities that may disturb the materials. Also, OSHA has additional requirements that may supersede the EPA rules. These materials do not appear to present a significant issue, as observed, at the time of the survey. We recommend that the identified Category I material be maintained as part of an O&M Program and periodically monitored for any changes in condition prior to demolition. As discussed above, in order to protect the worker, OSHA has established a PEL which limits airborne fiber concentrations. Objective evidence that the PEL will not be exceeded is required by OSHA as justification that personal air monitoring and engineering controls will not be required. OSHA has also established rules requiring the containerization and labeling of asbestos waste.

Should prior abatement be desired, the work must be performed in accordance with Federal, State, and local regulations. In lieu of abatement, demolition utilizing the wet method is acceptable by a demolition contractor properly trained and certified to conduct Class II asbestos work, along with proper disposal and transport of the demolished materials to an approved landfill as asbestos-containing waste.

PL-02: Gray Exterior Stucco

This material is defined by the EPA as a Category II non-friable material. This material has a high probability of becoming friable by the forces expected to act on the material in the course of demolition operations. Therefore, it will be classified as RACM. The identified RACM does not appear to present a significant issue, as observed, at the time of the survey. We recommend that the identified RACM be maintained as part of an O&M Program and periodically monitored for any changes in condition prior to demolition. Additionally, we recommend that a licensed asbestos abatement contractor properly remove and dispose of the RACM prior to conducting demolition activities that might disturb the ACM.

4.0 LIMITATIONS AND CONDITIONS

As a result of previous renovations, there may be hidden materials, such as floor tile, sheet vinyl flooring, insulation, etc. These materials may be found in various areas hidden under existing flooring materials or in wall cavities. Any materials found during construction activities, either not addressed in this survey report, or similar to the ACM identified in this survey report should be assumed to be ACM until sampling and analysis documents otherwise.

Because of the hidden nature of many building components (i.e. within mechanical chases), it may be impossible to determine if all of the suspect building materials have been located and subsequently tested. Destructive testing in some instances is not a viable option. We cannot, therefore, guarantee that all potential ACM has been located. For the same reasons, estimates of quantities and/or conditions are subject to readily apparent situations, and our findings reflect this condition. We do warrant, however, that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental industry.

The information contained in this report was prepared based upon specific parameters and regulations in force at the time of this report. The information herein is only for the specific use of the client and GLE. GLE accepts no responsibility for the use, interpretation, or reliance by other parties on the information contained herein, unless prior written authorization has been obtained from GLE.

APPENDIX A
Analytical Results and Chain of Custody

SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
CT-01A	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-01B	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-01C-QC	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-02A	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
CT-02B	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
CT-02C	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
DW-01A	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-01B	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-01C	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-02A	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay
DW-02B	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay
DW-02C	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay

Analyst / Approved Signatory:

Darryl Neldner

* Polarized Light Microscopy coupled with dispersion is the technique used for identification in accordance with EPA 600/M4-82-020, EPA 600/R-93/116, and NIOSH Method 9002.

** The percentage of each component is visually estimated. The result of this analysis relate only to the material tested. The report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. (>1% greater than one percent, <1% less than one percent) QC - Sample reanalyzed for QA/QC.

*** This report shall not be reproduced except in full, without the written approval of the laboratory. GLE Report # 26504

Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 8/19/2021

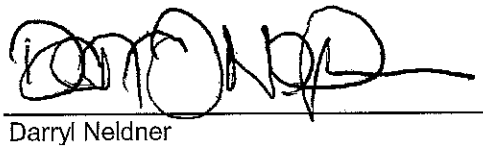
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type	Fiber Type	
FT-01A-QC	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-01B	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-01C	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02A	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02B	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02C	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03A	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03B	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03C	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-04A	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:



Darryl Neldner

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Report Date: 8/19/2021

SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
FT-04B-QC	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-04C	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-05A	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic	**5%**	**Chrysotile Asbestos**
		95%	Bitumen
FT-05B	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
FT-05C	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
FT-06A	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic	**5%**	**Chrysotile Asbestos**
		95%	Bitumen
FT-06B	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed

Analyst / Approved Signatory:

Darryl Neldner

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Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

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Report Date: 8/19/2021

SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
FT-06C	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
M-01A	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-01B	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-01C-QC	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-02A	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-02B	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-02C	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-03A	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-03B	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-03C	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-04A	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica
M-04B	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:

Darryl Neldner

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Report Date: 8/19/2021

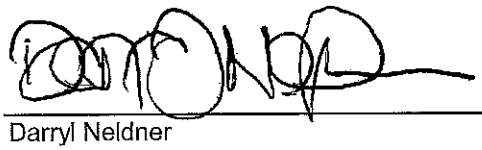
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
M-04C	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica
M-05A-QC	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-05B	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-05C	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-06A	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-06B	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-06C	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07A	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07B	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07C	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-08A	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica
M-08B-QC	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:



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Report Date: 8/19/2021

SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
M-08C	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01A	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01B	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01C	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
PL-01A	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-01B	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-01C	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-02A	Gray Exterior Stucco	**5%**	**Chrysotile Asbestos**
		95%	Quartz, Calcite, Clay, Mica
	Beige Paint Coating	100%	Polymer
PL-02B	Gray Exterior Stucco		Positive Stop/Sample not analyzed
	Beige Paint Coating	100%	Polymer

Analyst / Approved Signatory:

Darryl Neldner

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Report Date: 8/19/2021

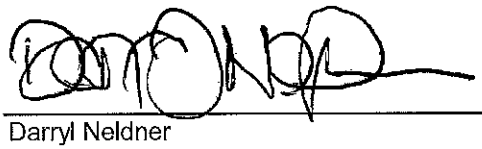
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
PL-02C-QC	Gray Exterior Stucco		Positive Stop/Sample not analyzed
	Beige Paint Coating	100%	Polymer
R-01A	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
R-01B	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
R-01C	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
RF-01A	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-01B	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-01C	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-02A	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-02B	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-02C	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-03A-QC	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica
RF-03B	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica

Analyst / Approved Signatory:



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Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

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Report Date: 8/19/2021

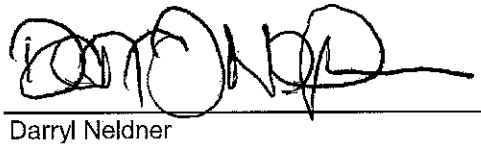
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type	Fiber Type	
RF-03C	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica
RF-04A	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-04B	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-04C	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
VB-01A	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-01B	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-01C	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02A	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02B-QC	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02C	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer

Analyst / Approved Signatory:



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Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 8/19/2021

CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM

GLE Associates, Inc.
1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, FL 33309
PHONE: (954) 968-6414 FAX: (954) 968-6090

CLIENT:	MDAD
PROJECT #:	21000-24523
PROJECT:	Miami Executive Airport – Building 504
LABORATORY SENT TO:	GLE
DATE:	8/18/2021

SAMPLE INFORMATION

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
CT-01 ABC	White 2'x4' Dot Furrow Ceiling Tile	FT-05 ABC	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic
CT-02 ABC	White 2'x4' Dot Wormhole Ceiling Tile	FT-06 ABC	White 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic
DW-01 ABC	White Drywall, no Joint Compound	M-01 ABC	Red Ceramic Floor Tile with Gray Grout and Thinset
DW-02 ABC	White Drywall with Joint Compound	M-02 ABC	Gray Concrete Block
FT-01 ABC	Brown Wood Pattern Plank Peel and Stick Flooring with Clear Glue	M-03 ABC	Gray Concrete Mortar
FT-02 ABC	Light Blue 12"x12" Floor Tile with Tan Mastic	M-04 ABC	White Caulking at Window Shakers
FT-03 ABC	White 12"x12" Floor Tile with Tan Mastic	M-05 ABC	Gray Concrete Slab
FT-04 ABC	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Green Flooring Material	M-06 ABC	Yellow Ceramic Floor Tile with Gray Grout and Thinset

IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED	**84**
IMPORTANT: POSITIVE STOP ANALYSIS	YES
IMPORTANT: E-MAIL RESULTS TO	JSimmons/ELongo

NOTE:
Turnaround time starts at receipt by lab and does not include weekend or holidays.

Select Turnaround Time

[ ] 3 hour [ ] 6 Hour [ ] 24 Hour [ ] 48 Hour [ ] 3 Day [X] 4 Day

REPORT RESULTS TO THE ADDRESS ABOVE	
CHAIN OF CUSTODY: GLE ASSOCIATES, INC.	CHAIN OF CUSTODY: LABORATORY
PACKAGED BY: JVeltri	SAMPLES RECEIVED BY:
DATE PACKAGED: 8/18/2021	DATE:
METHOD OF TRANSMITTAL: FedEx	TIME:
TRANSMITTED BY: ELonog	CONDITION OF PACKAGED SAMPLES:
CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.	
RECEIVED BY:	DATE:
INVENTORIED BY:	DATE:
REPACKAGED AND SEALED BY:	DATE:

CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM

GLE Associates, Inc.
1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, FL 33309
PHONE: (954) 968-6414 FAX: (954) 968-6090

CLIENT:	MDAD
PROJECT #:	21000-24523
PROJECT:	Miami Executive Airport – Building 504
LABORATORY SENT TO:	GLE
DATE:	8/18/2021

SAMPLE INFORMATION

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
M-07 ABC	Yellow Ceramic Wall Tile with Gray Grout and Thinset	RF-01 ABC	Black Roof Edge Flashing
M-08 ABC	White Exterior Caulking	RF-02 ABC	Black Roof Curb Flashing with silver Paint
MAS-01 ABC	White Roof HVAC Duct Mastic	RF-03 ABC	Black Flashing on Roof HVAC Duct
PL-01 ABC	White Interior Plaster Skim Coat with Gray Base Coat	RF-04 ABC	Black Roof Pitch Pan Flashing
PL-02 ABC	Gray Exterior Stucco	VB-01 ABC	Beige Vinyl Cove Base with Tan Adhesive
R-01 ABC	Black Built up Bitumen Roof	VB-02 ABC	Green Vinyl Cove Base with Tan Adhesive

IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED	**84**
IMPORTANT: POSITIVE STOP ANALYSIS	YES
IMPORTANT: E-MAIL RESULTS TO	JSimmons/ELongo

NOTE:

Turnaround time starts at receipt by lab and does not include weekend or holidays.

Select Turnaround Time

☐ 3 hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☒ 4 Day

REPORT RESULTS TO THE ADDRESS ABOVE

CHAIN OF CUSTODY: GLE ASSOCIATES, INC.	CHAIN OF CUSTODY: LABORATORY
PACKAGED BY: JVeltri	SAMPLES RECEIVED BY:
DATE PACKAGED: 8/18/2021	DATE:
METHOD OF TRANSMITTAL: FedEx	TIME:
TRANSMITTED BY: ELonog	CONDITION OF PACKAGED SAMPLES:

CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.	
RECEIVED BY:	DATE:
INVENTORIED BY:	DATE:
REPACKAGED AND SEALED BY:	DATE:

APPENDIX B
Personnel and Laboratory Certifications

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GLE ASSOCIATES INC

ROBERT BLAIR GREENE
5405 CYPRESS CENTER DRIVE
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: ZA0000034

EXPIRATION DATE: NOVEMBER 30, 2021

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Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS CONSULTANT - ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GREENE, ROBERT BLAIR

GLE ASSOCIATES INC
5405 CYPRESS CENTER DR
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: EA0000009

EXPIRATION DATE: NOVEMBER 30, 2022

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GLE Associates, Inc. FL 49-0001218

5405 Cypress Center Drive ~ Suite 110 ~ Tampa, Florida 33609 ~ (813) 241-8350

certifies that

Joshua Veltri

has completed the requisite training for

ASBESTOS INSPECTOR REFRESHER

accreditation under TSCA Title II Course No.: FL 49-0002824

conducted on

May 13, 2021

at

TAMPA, FLORIDA

Certificate Number

6511

Passed Exam with score of 70% or better.

EPA Accreditation Expires: **May 13, 2022**

Instructor

GLE Associates, Inc. Robert B. Greene

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102003-0

GLE Associates, Inc.

Tampa, FL

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).

2021-04-01 through 2022-03-31

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 102003-0

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

For the National Voluntary Laboratory Accreditation Program

ALCA
Avionics

DEMOLITION
ASBESTOS SURVEY REPORT

Miami Executive Airport - Building 504
12800 Southwest 145th Avenue
Miami, Florida

GLE Project No.: 21000-24523

Prepared for:

Miami-Dade County Aviation Department
P.O. Box 025504
Miami, Florida 33102

August 2021

Prepared by:

1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, Florida 33309
754-223-2697 • Fax 754-223-2937

August 23, 2021

Mr. Foster Mack
Miami-Dade County Aviation Department
P.O. Box 025504
Miami, Florida 33102

RE: Demolition Asbestos Survey Report
Miami Executive Airport - Building 504
12800 Southwest 145th Avenue
Miami, Florida

GLE Project No.: 21000-24523

Dear Mr. Mack:

GLE Associates, Inc. (GLE) performed a Demolition survey for asbestos-containing materials (ACM) on August 18, 2021, at Miami Executive Airport - Building 504, located in Miami, Florida. The survey was performed by Mr. Joshua Veltri with GLE. This report outlines the sampling and testing procedures, and presents the results along with our conclusions and recommendations.

GLE appreciates the opportunity to serve as your consultant on this project. If you should have any questions, or if we can be of further service, please do not hesitate to call.

Sincerely,
GLE Associates, Inc.

Joshua Veltri
Project Manager

Robert B. Greene, PE, PG, CIH, LEED AP
President
Florida LAC# EA 0000009

JMV/RBG/el

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1.0 INTRODUCTION

1.1 INTRODUCTION

The purpose of this demolition survey was to identify accessible asbestos-containing materials (ACMs) and their general locations within Miami Executive Airport - Building 504, located at 12800 Southwest 145th Avenue in Miami, Florida. The survey was conducted pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR 61) requirements, associated with the scheduled demolition plans. The survey was performed on August 18, 2021, by Mr. Joshua Veltri, an Environmental Protection Agency/Asbestos Hazard Emergency Response Act (EPA/AHERA) accredited inspector. The scope of this survey did not include demolition of any building components, evaluation of architectural plans, or the quantification of materials for abatement purposes, or removal cost estimating.

1.2 FACILITY DESCRIPTION

A summary of the facility investigated is outlined in the table below.

Facility Type:	Commercial
Construction Date:	Unknown
Number of Floors:	1
Exterior	
Floor Support:	Concrete Slab on Grade
Wall Support:	Concrete Block (CMU)
Exterior Finish:	Paint, Stucco
Roof System Type:	Built Up (Modified Bitumen)
Interior	
Wall Substrate:	Drywall and Joint Compound, Plaster, Drywall
Wall Finishes:	Paint, Cove Base
Floor Finishes:	Vinyl Floor Tile, Ceramic Tile
Ceiling System:	Plaster, Drywall, Suspended Ceiling System
Ceiling Finishes:	Paint, Suspended Ceiling Tiles

2.0 RESULTS

2.1 ASBESTOS SURVEY PROCEDURES

The survey was performed by visually observing accessible areas within the scope of work. An EPA/AHERA accredited inspector performed the visual observations (refer to Appendix B for personnel qualifications).

After the overall visual survey was completed, representative sampling areas were determined. The surveyor delineated homogeneous areas of suspect materials and samples of each material

were obtained, in general accordance with regulations as established by the Occupational Safety and Health Administration (OSHA) and NESHAP. The field surveyor determined sample locations based on previous experience. Both friable and non-friable materials were sampled. A friable material is one that can be crushed when dry by normal hand pressure. This survey did not include the demolition of building components to access suspect material.

After completion of the fieldwork, the samples were delivered to GLE's National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for analysis. The samples were analyzed by Polarized Light Microscopy (PLM) coupled with dispersion staining, in general accordance with EPA-600/R-93/116. Utilizing this procedure, the various asbestos minerals (chrysotile, amosite, crocidolite, actinolite, tremolite, and anthophyllite) can be determined. The percentages of asbestos minerals in the samples were visually determined by the microscopist. Please note that the EPA designates all materials containing greater than one percent asbestos as an "asbestos-containing material" (ACM).

Regulated Asbestos-Containing Material (RACM) is defined as (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 this subpart.

Category I and Category II non-friable ACM, as defined by the EPA:

- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, asphalt roofing products, and pliable sealants and mastics that are in good condition and not friable, containing more than one percent asbestos, as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix E, Subpart E, 40 CFR Part 763 Section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

2.2 IDENTIFIED SUSPECT ASBESTOS-CONTAINING MATERIALS

A total of eighty-four (84) samples of suspect building materials were collected from the facility during the survey, representing twenty-eight (28) different identified homogeneous areas. The results of the laboratory analyses are included in Appendix A.

A summary of the homogenous sampling areas of suspect ACM determined to be present is outlined in the following table.

TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS MIAMI EXECUTIVE AIRPORT - BUILDING 504 – MIAMI, FLORIDA							
HA #	**HOMOGENEOUS MATERIAL DESCRIPTION**	**HOMOGENEOUS MATERIAL LOCATION**	**FRIABILITY (F /NF)**	**% ASBESTOS***	**# OF SAMPLES COLLECTED**	**APPROXIMATE QUANTITY**	**ACM CATEGORY**
CT-01	White 2'x4' Dot Furrow Ceiling Tile	Rooms 109, 110, 112, 114, 117, 120, 121	F	ND	3	NIS	NA
CT-02	White 2'x4' Dot Wormhole Ceiling Tile	Rooms 109, 110, 112, 114, 117, 120, 121	F	ND	3	NIS	NA
DW-01	White Drywall, no Joint Compound	Walls and Ceilings throughout except partition walls in rooms 109, 110, 112, 114 and Walls in Restroom and Shower	NF	ND	3	NIS	NA
DW-02	White Drywall with Joint Compound	Partition walls in rooms 109, 110, 112, 114	NF	ND	3	NIS	NA
FT-01	Brown Wood Pattern Plank Peel and Stick Flooring with Clear Glue	Hallway, Electrical Closet and Rooms 118, 120, 121	NF	ND	3	NIS	NA
FT-02	Light Blue 12"x12" Floor Tile with Tan Mastic	Room 119 Underneath FT-01: Hallway, Electrical Closet and Rooms 118, 120, 121	NF	ND	3	NIS	NA
FT-03	White 12"x12" Floor Tile with Tan Mastic	Underneath FT-01 and FT-02: Hallway and Electrical Closet	NF	ND	3	NIS	NA
FT-04	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Green Flooring Material	Underneath FT-01, FT-02, FT-03: Hallway	NF	ND	3	NIS	NA
FT-05	**Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic**	**Underneath two layers of FT-02: Room 119**	**NF**	Tile – ND Tan Mastic – ND **Black Mastic – 5% C**	**3**	**168 SF**	**CAT I**

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM		
ABBREVIATIONS:	PC = Results based on Point-Count analysis	TEM NOB = Transmission Electron Microscopy of Non-Friable Organically Bound Material			
	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	C = Chrysotile	A = Amosite
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	CF = Cubic Feet	

TABLE 2.2-1: SUMMARY OF HOMOGENEOUS SAMPLING AREAS MIAMI EXECUTIVE AIRPORT - BUILDING 504 – MIAMI, FLORIDA							
HA #	**HOMOGENEOUS MATERIAL DESCRIPTION**	**HOMOGENEOUS MATERIAL LOCATION**	**FRIABILITY (F /NF)**	**% ASBESTOS***	**# OF SAMPLES COLLECTED**	**APPROXIMATE QUANTITY**	**ACM CATEGORY**
FT-06	**White 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic**	**Underneath FT-01, FT-02: Room 120, 121**	**NF**	Tile – ND Tan Mastic – ND **Black Mastic – 5% C**	**3**	**346 SF**	**CAT I**
M-01	Red Ceramic Floor Tile with Gray Grout and Thinset	Rooms 109, 110, 112, 114, 117 Underneath Engineered Wood: Rooms 100, 105, 108	NF	ND	3	NIS	NA
M-02	Gray Concrete Block	Exterior Walls Throughout	NF	ND	3	NIS	NA
M-03	Gray Concrete Mortar	Exterior Walls Throughout	NF	ND	3	NIS	NA
M-04	White Caulking at Window Shakers	Rooms 100, 108, 112	NF	ND	3	NIS	NA
M-05	Gray Concrete Slab	Building Slab	NF	ND	3	NIS	NA
M-06	Yellow Ceramic Floor Tile with Gray Grout and Thinset	Restroom and Shower	NF	ND	3	NIS	NA
M-07	Yellow Ceramic Wall Tile with Gray Grout and Thinset	Restroom and Shower	NF	ND	3	NIS	NA
M-08	White Exterior Caulking	Exterior Doors and Windows	NF	ND	3	NIS	NA
MAS-01	White Roof HVAC Duct Mastic	Ductwork at Roof	NF	ND	3	NIS	NA
PL-01	White Interior Plaster Skim Coat with Gray Base Coat	Walls and Ceilings throughout except partition walls in rooms 109, 110, 112, 114 and Walls in Restroom and Shower	NF	ND	3	NIS	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM		
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HA #	**HOMOGENEOUS MATERIAL DESCRIPTION**	**HOMOGENEOUS MATERIAL LOCATION**	**FRIABILITY (F /NF)**	**% ASBESTOS***	**# OF SAMPLES COLLECTED**	**APPROXIMATE QUANTITY**	**ACM CATEGORY**
PL-02	**Gray Exterior Stucco**	**Exterior**	**NF**	**Stucco – 5% C** Paint - ND	**3**	**4,400 SF**	**CAT II**
R-01	Black Built up Bitumen Roof	Roof Field	NF	ND	3	NIS	NA
RF-01	Black Roof Edge Flashing	Roof Edges	NF	ND	3	NIS	NA
RF-02	Black Roof Curb Flashing with silver Paint	Roof Curbs	NF	ND	3	NIS	NA
RF-03	Black Flashing on Roof HVAC Duct	Ductwork at Roof	NF	ND	3	NIS	NA
RF-04	Black Roof Pitch Pan Flashing	Roof Pitch Pans	NF	ND	3	NIS	NA
VB-01	Beige Vinyl Cove Base with Tan Adhesive	Rooms 109, 110, 112, 114, 117	NF	ND	3	NIS	NA
VB-02	Green Vinyl Cove Base with Tan Adhesive	Room 119	NF	ND	3	NIS	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by Polarized Light Microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.				
FRIABILITY	F = Friable Material	NF = Non-Friable Material			
ACM CATEGORY	RACM = Regulated ACM	CAT I = Category I non-friable ACM	CAT II = Category II non-friable ACM		
ABBREVIATIONS:	PC = Results based on Point-Count analysis	TEM NOB = Transmission Electron Microscopy of Non-Friable Organically Bound Material			
	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	C = Chrysotile	A = Amosite
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	CF = Cubic Feet	

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 GENERAL

Asbestos-containing materials (ACMs) were identified in the scope of this survey. General and specific conclusions and recommendations are provided below.

The EPA, OSHA and the State of Florida have promulgated regulations dealing with asbestos. For commercial building owners, the EPA NESHAP (40 CFR 61) regulations require removal of RACM, prior to conducting activities which might disturb the material. They also deal with notification, handling and disposal of asbestos.

The EPA recommends that an Operations and Maintenance (O&M) Program be developed for any facilities with ACM, and this Program should address all ACM (known and/or assumed) present. The O&M Program establishes notification and training requirements along with special procedures for working around the ACM. The O&M Program would remain in effect until all asbestos is removed.

Category I and Category II non-friable materials, as defined by the EPA, may remain within a facility during demolition with no potential cessation of work, provided they remain non-friable and the appropriate engineering controls (i.e., wet methods) are utilized, with the resulting waste disposed of as asbestos-containing waste. However, there is no guarantee that these materials will remain non-friable. If the materials become friable, then they are classified as RACM. Additionally, local jurisdictions may have more stringent interpretations regarding classification of these materials.

RACM, as defined by the EPA, must be removed prior to renovation or demolition activities that may disturb the materials.

The OSHA regulations deal with employee exposure to airborne asbestos fibers. The regulations restrict employee exposure, and require special monitoring, training and handling procedures when dealing with asbestos. Additionally, OSHA has regulations that may supersede the EPA regulations. In order to protect the worker, OSHA has established a permissible exposure limit (PEL), which limits employee exposure to airborne fiber concentrations. OSHA requires objective evidence that the PEL will not be exceeded, as justification that personal air monitoring and engineering controls will not be required. OSHA has also established rules requiring the containerization and labeling of asbestos waste.

The State regulations require that anyone involved in asbestos consulting activities be a licensed asbestos consultant and that anyone involved in asbestos abatement, with the exception of roofing materials, be a licensed asbestos abatement contractor.

3.2 SPECIFIC

FT-05: Residual Black Mastic Associated with Dark Blue 12”x12” Floor Tile with Tan Mastic
FT-06: Residual Mastic Associated with White 12”x12” Floor Tile with Tan Mastic

These materials are defined by the EPA as Category I non-friable materials. These materials may remain within a facility during demolition with no potential stoppage of work provided they remain non-friable. However, there is no guarantee that it will remain non-friable. If a material becomes friable, then it is classified as RACM. RACM, as defined by the EPA, must be removed prior to renovation or demolition activities that may disturb the materials. Also, OSHA has additional requirements that may supersede the EPA rules. These materials do not appear to present a significant issue, as observed, at the time of the survey. We recommend that the identified Category I material be maintained as part of an O&M Program and periodically monitored for any changes in condition prior to demolition. As discussed above, in order to protect the worker, OSHA has established a PEL which limits airborne fiber concentrations. Objective evidence that the PEL will not be exceeded is required by OSHA as justification that personal air monitoring and engineering controls will not be required. OSHA has also established rules requiring the containerization and labeling of asbestos waste.

Should prior abatement be desired, the work must be performed in accordance with Federal, State, and local regulations. In lieu of abatement, demolition utilizing the wet method is acceptable by a demolition contractor properly trained and certified to conduct Class II asbestos work, along with proper disposal and transport of the demolished materials to an approved landfill as asbestos-containing waste.

PL-02: Gray Exterior Stucco

This material is defined by the EPA as a Category II non-friable material. This material has a high probability of becoming friable by the forces expected to act on the material in the course of demolition operations. Therefore, it will be classified as RACM. The identified RACM does not appear to present a significant issue, as observed, at the time of the survey. We recommend that the identified RACM be maintained as part of an O&M Program and periodically monitored for any changes in condition prior to demolition. Additionally, we recommend that a licensed asbestos abatement contractor properly remove and dispose of the RACM prior to conducting demolition activities that might disturb the ACM.

4.0 LIMITATIONS AND CONDITIONS

As a result of previous renovations, there may be hidden materials, such as floor tile, sheet vinyl flooring, insulation, etc. These materials may be found in various areas hidden under existing flooring materials or in wall cavities. Any materials found during construction activities, either not addressed in this survey report, or similar to the ACM identified in this survey report should be assumed to be ACM until sampling and analysis documents otherwise.

Because of the hidden nature of many building components (i.e. within mechanical chases), it may be impossible to determine if all of the suspect building materials have been located and subsequently tested. Destructive testing in some instances is not a viable option. We cannot, therefore, guarantee that all potential ACM has been located. For the same reasons, estimates of quantities and/or conditions are subject to readily apparent situations, and our findings reflect this condition. We do warrant, however, that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental industry.

The information contained in this report was prepared based upon specific parameters and regulations in force at the time of this report. The information herein is only for the specific use of the client and GLE. GLE accepts no responsibility for the use, interpretation, or reliance by other parties on the information contained herein, unless prior written authorization has been obtained from GLE.

APPENDIX A
Analytical Results and Chain of Custody

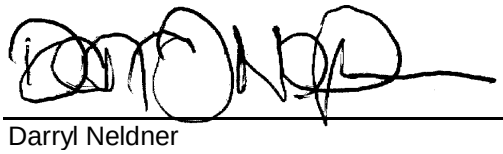
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type	Fiber Type	
CT-01A	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-01B	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-01C-QC	2' X 4' White Dot Furrow Ceiling Tile	100%	Mineral Wool
CT-02A	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
CT-02B	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
CT-02C	2' X 4' White Dot Wormhole Ceiling Tile	100%	Mineral Wool
DW-01A	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-01B	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-01C	White Drywall	100%	Gypsum, Quartz, Calcite, Clay
DW-02A	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay
DW-02B	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay
DW-02C	White Drywall & Joint Compound	100%	Gypsum, Quartz, Calcite, Clay

Analyst / Approved Signatory:



Darryl Neldner

* Polarized Light Microscopy coupled with dispersion is the technique used for identification in accordance with EPA 600/M4-82-020, EPA 600/R-93/116, and NIOSH Method 9002.

** The percentage of each component is visually estimated. The result of this analysis relate only to the material tested. The report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. (>1% greater than one percent, <1% less than one percent) QC - Sample reanalyzed for QA/QC.

Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

Report Date: 8/19/2021

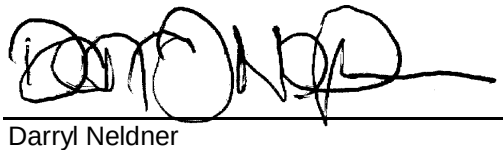
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
FT-01A-QC	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-01B	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-01C	Brown Wood Pattern Plank Peel & Stick Flooring & Clear Glue	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02A	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02B	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-02C	12" X 12" Light Blue Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03A	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03B	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-03C	12" X 12" White Floor Tile & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-04A	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:



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Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

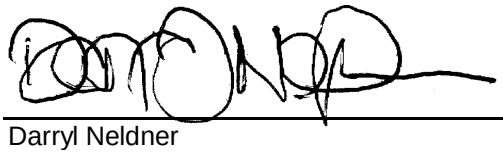
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
FT-04B-QC	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-04C	12" X 12" Dark Blue FT&Tan Mastic & Residual Green Flooring	100%	Polymer, Quartz, Calcite, Clay, Mica
FT-05A	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic	**5%**	**Chrysotile Asbestos**
		95%	Bitumen
FT-05B	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
FT-05C	12" X 12" Dark Blue FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
FT-06A	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic	**5%**	**Chrysotile Asbestos**
		95%	Bitumen
FT-06B	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed

Analyst / Approved Signatory:



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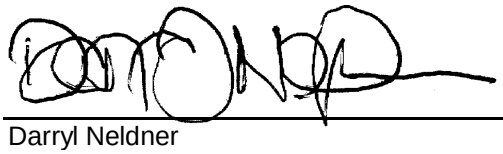
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
FT-06C	12" X 12" White FT & Tan Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
	Black Mastic		Positive Stop/Sample not analyzed
M-01A	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-01B	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-01C-QC	Red Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-02A	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-02B	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-02C	Gray Concrete Block	100%	Quartz, Calcite, Clay, Mica
M-03A	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-03B	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-03C	Gray Concrete Mortar	100%	Quartz, Calcite, Clay, Mica
M-04A	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica
M-04B	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:



Darryl Neldner

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** The percentage of each component is visually estimated. The result of this analysis relate only to the material tested. The report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. (>1% greater than one percent, <1% less than one percent) QC - Sample reanalyzed for QA/QC.

Analysis performed by GLE Associates, Inc. NVLAP Code 102003-0, CO AL-17485, TX 30-0337

Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

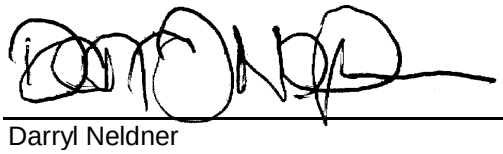
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
M-04C	White Caulking at Window Shakers	100%	Polymer, Quartz, Calcite, Clay, Mica
M-05A-QC	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-05B	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-05C	Gray Concrete Slab	100%	Quartz, Calcite, Clay, Mica
M-06A	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-06B	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-06C	Yellow Ceramic Floor Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07A	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07B	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-07C	Yellow Ceramic Wall Tile & Gray Grout & Thinset	100%	Quartz, Calcite, Clay, Mica
M-08A	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica
M-08B-QC	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica

Analyst / Approved Signatory:



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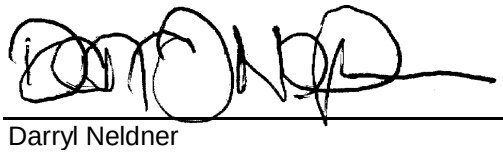
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
M-08C	White Exterior Caulking	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01A	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01B	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
MAS-01C	White Roof HVAC Duct Mastic	100%	Polymer, Quartz, Calcite, Clay, Mica
PL-01A	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-01B	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-01C	White Interior Plaster Skim Coat & Gray Base Coat	100%	Quartz, Calcite, Clay, Mica
PL-02A	Gray Exterior Stucco	**5%**	**Chrysotile Asbestos**
		95%	Quartz, Calcite, Clay, Mica
	Beige Paint Coating	100%	Polymer
PL-02B	Gray Exterior Stucco		Positive Stop/Sample not analyzed
	Beige Paint Coating	100%	Polymer

Analyst / Approved Signatory:



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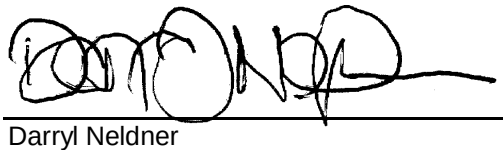
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
PL-02C-QC	Gray Exterior Stucco		Positive Stop/Sample not analyzed
	Beige Paint Coating	100%	Polymer
R-01A	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
R-01B	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
R-01C	Black Built Up Bitumen Roof	100%	Bitumen, Quartz, Calcite, Mica
RF-01A	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-01B	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-01C	Black Roof Edge Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-02A	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-02B	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-02C	Black Roof Curb Flashing & Silver Paint	100%	Bitumen, Quartz, Calcite, Mica
RF-03A-QC	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica
RF-03B	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica

Analyst / Approved Signatory:



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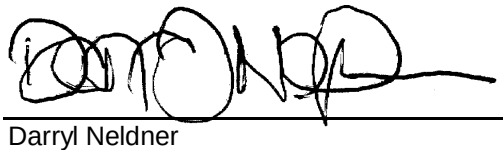
SUMMARY OF BULK SAMPLE ANALYSIS

MDAD; Miami Executive Airport-Building 504

21000-24523

Sample	Sample Type		Fiber Type
RF-03C	Black Flashing on Roof HVAC Duct	100%	Bitumen, Quartz, Calcite, Mica
RF-04A	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-04B	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
RF-04C	Black Roof Pitch Pan Flashing	100%	Bitumen, Quartz, Calcite, Mica
VB-01A	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-01B	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-01C	Beige Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02A	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02B-QC	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer
VB-02C	Green Vinyl Cove Base & Tan Adhesive	100%	Polymer

Analyst / Approved Signatory:



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Feedback regarding laboratory performance should be addressed to lab@gleassociates.com.

CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM

GLE Associates, Inc.
1000 NW 65th Street, Suite 300-D
Ft. Lauderdale, FL 33309
PHONE: (954) 968-6414 FAX: (954) 968-6090

CLIENT:	MDAD
PROJECT #:	21000-24523
PROJECT:	Miami Executive Airport – Building 504
LABORATORY SENT TO:	GLE
DATE:	8/18/2021

LAB 26562

SAMPLE INFORMATION

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
CT-01 ABC	White 2'x4' Dot Furrow Ceiling Tile	FT-05 ABC	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic
CT-02 ABC	White 2'x4' Dot Wormhole Ceiling Tile	FT-06 ABC	White 12"x12" Floor Tile with Tan Mastic and Residual Black Mastic
DW-01 ABC	White Drywall, no Joint Compound	M-01 ABC	Red Ceramic Floor Tile with Gray Grout and Thinset
DW-02 ABC	White Drywall with Joint Compound	M-02 ABC	Gray Concrete Block
FT-01 ABC	Brown Wood Pattern Plank Peel and Stick Flooring with Clear Glue	M-03 ABC	Gray Concrete Mortar
FT-02 ABC	Light Blue 12"x12" Floor Tile with Tan Mastic	M-04 ABC	White Caulking at Window Shakers
FT-03 ABC	White 12"x12" Floor Tile with Tan Mastic	M-05 ABC	Gray Concrete Slab
FT-04 ABC	Dark Blue 12"x12" Floor Tile with Tan Mastic and Residual Green Flooring Material	M-06 ABC	Yellow Ceramic Floor Tile with Gray Grout and Thinset

IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED	**84**
IMPORTANT: POSITIVE STOP ANALYSIS	YES
IMPORTANT: E-MAIL RESULTS TO	JSimmons/ELongo

NOTE:
Turnaround time starts at receipt by lab and does not include weekend or holidays.

Select Turnaround Time

☐ 3 hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☒ 4 Day

REPORT RESULTS TO THE ADDRESS ABOVE

CHAIN OF CUSTODY: GLE ASSOCIATES, INC.	CHAIN OF CUSTODY: LABORATORY
PACKAGED BY: JVeltri	SAMPLES RECEIVED BY:
DATE PACKAGED: 8/18/2021	DATE:
METHOD OF TRANSMITTAL: FedEx	TIME:
TRANSMITTED BY: ELonog	CONDITION OF PACKAGED SAMPLES:

8/19/21

CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.	
RECEIVED BY:	DATE:
INVENTORIED BY:	DATE:
REPACKAGED AND SEALED BY:	DATE:

CHAIN OF CUSTODY/SAMPLE TRANSMITTAL FORM		
GLE Associates, Inc. 1000 NW 65th Street, Suite 300-D Ft. Lauderdale, FL 33309 PHONE: (954) 968-6414 FAX: (954) 968-6090	**CLIENT:**	MDAD
	PROJECT #:	21000-24523
	PROJECT:	Miami Executive Airport – Building 504
	LABORATORY SENT TO:	GLE
	DATE:	8/18/2021

SAMPLE INFORMATION

SAMPLE #	DESCRIPTION	SAMPLE #	DESCRIPTION
M-07 ABC	Yellow Ceramic Wall Tile with Gray Grout and Thinset	RF-01 ABC	Black Roof Edge Flashing
M-08 ABC	White Exterior Caulking	RF-02 ABC	Black Roof Curb Flashing with silver Paint
MAS-01 ABC	White Roof HVAC Duct Mastic	RF-03 ABC	Black Flashing on Roof HVAC Duct
PL-01 ABC	White Interior Plaster Skim Coat with Gray Base Coat	RF-04 ABC	Black Roof Pitch Pan Flashing
PL-02 ABC	Gray Exterior Stucco	VB-01 ABC	Beige Vinyl Cove Base with Tan Adhesive
R-01 ABC	Black Built up Bitumen Roof	VB-02 ABC	Green Vinyl Cove Base with Tan Adhesive

IMPORTANT: TOTAL NUMBER OF SAMPLES SUBMITTED	**84**
IMPORTANT: POSITIVE STOP ANALYSIS	YES
IMPORTANT: E-MAIL RESULTS TO	JSimmons/ELongo

NOTE:

Turnaround time starts at receipt by lab and does not include weekend or holidays.

Select Turnaround Time

☐ 3 hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☒ 4 Day

REPORT RESULTS TO THE ADDRESS ABOVE	
CHAIN OF CUSTODY: GLE ASSOCIATES, INC.	CHAIN OF CUSTODY: LABORATORY
PACKAGED BY: JVeltri	SAMPLES RECEIVED BY:
DATE PACKAGED: 8/18/2021	DATE:
METHOD OF TRANSMITTAL: FedEx	TIME:
TRANSMITTED BY: ELonog	CONDITION OF PACKAGED SAMPLES:
CHAIN OF CUSTODY: RETURNED TO GLE ASSOCIATES, INC.	
RECEIVED BY:	DATE:
INVENTORIED BY:	DATE:
REPACKAGED AND SEALED BY:	DATE:

APPENDIX B
Personnel and Laboratory Certifications

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GLE ASSOCIATES INC

ROBERT BLAIR GREENE
5405 CYPRESS CENTER DRIVE
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: ZA0000034

EXPIRATION DATE: NOVEMBER 30, 2021

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT

THE ASBESTOS CONSULTANT - ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GREENE, ROBERT BLAIR

GLE ASSOCIATES INC
5405 CYPRESS CENTER DR
SUITE 110
TAMPA FL 33609

LICENSE NUMBER: EA0000009

EXPIRATION DATE: NOVEMBER 30, 2022

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GLE Associates, Inc. FL 49-0001218

5405 Cypress Center Drive ~ Suite 110 ~ Tampa, Florida 33609 ~ (813) 241-8350

certifies that

Joshua Veltri

has completed the requisite training for

ASBESTOS INSPECTOR REFRESHER

accreditation under TSCA Title II Course No.: FL 49-0002824

conducted on

May 13, 2021

at

TAMPA, FLORIDA

Certificate Number

6511

Passed Exam with score of 70% or better.

EPA Accreditation Expires: **May 13, 2022**

Instructor

GLE Associates, Inc.

Robert B. Greene

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102003-0

GLE Associates, Inc.

Tampa, FL

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).

2021-04-01 through 2022-03-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GLE Associates, Inc.
5405 Cypress Center Drive
Suite 110
Tampa, FL 33609
Mr. Darryl S. Neldner
Phone: 813-241-8350 x247 Fax: 813-241-8737
Email: dneldner@gleassociates.com
http://www.gleassociates.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 102003-0

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

For the National Voluntary Laboratory Accreditation Program

BID TALLY SHEET

Solicitation Number: RTQ-01064-PO#9
Title: Miami Executive Airport - Building 504 Demolition
Bid Open Date: 9.16.22
Buyer: Juliana Manjarres
Bid Type: Bid Preference $100K to $1 Million
Bid/Other:
Note: When all prices are entered, highlight low priced vendor in yellow

Vendor Name:	Cherokee Enterprises, Inc	Cross Environmental Services, Inc/CES	DECON Environmental & Engineering, Inc	MCO Environmental, Inc
Is the bid responsive (if no, state reason below):	Yes		Yes	
SBE-Micro Tier/ Vendor Preference	No		No	
Local Vendor (Yes/No)	Yes		No	
Local Headquarterd Vendor (Yes/No)	Yes		No	

	Items being procured per current solicitation			Cherokee Enterprises, Inc		Cross Environmental Services, Inc/CES		DECON Environmental & Engineering, Inc		MCO Environmental, Inc	
Item no.	Description	Quantity	UOM	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization/Demobilization	1	LS	$ 20,000.00	$ 20,000.00		$ -	$ 6,000.00	$ 6,000.00		$ -
2	All around site security/Fencing	1	LS	$ 27,000.00	$ 27,000.00		$ -	$ 29,000.00	$ 29,000.00		$ -
3	Utility cut-off	1	LS	$ 16,000.00	$ 16,000.00		$ -	$ 15,600.00	$ 15,600.00		$ -
4	Building demolition	1	LS	$ 28,000.00	$ 28,000.00		$ -	$ 36,000.00	$ 36,000.00		$ -
5	Asbestos Abatement - Flooring Room 119 & Hallway (3 layers)	282	SF	$ 6.00	$ 1,692.00		$ -	$ 9.00	$ 2,538.00		$ -
6	Asbestos Abatement - Flooring Rooms 118, 120 & 121 (2 layers)	259	SF	$ 6.00	$ 1,554.00		$ -	$ 8.00	$ 2,072.00		$ -
7	Asbestos Abatement - Flooring Rooms 100 & 108	388	SF	$ 6.00	$ 2,328.00		$ -	$ 8.00	$ 3,104.00		$ -
8	Asbestos Abatement - Flooring Room 105 & Entry (2 layers)	142	SF	$ 6.00	$ 852.00		$ -	$ 8.00	$ 1,136.00		$ -
9	Asbestos Abatement - Exterior Stucco	4400	SF	$ 0.00	$ 0.00		$ -	$ 20.00	$ 88,000.00		$ -
10	Lead-Based Paint TCLP Sampling	1	LS	$ 100.00	$ 100.00		$ -	$ 240.00	$ 240.00		$ -
11	Exit Signs - Potential Tritium Containing	4	EA	$ 100.00	$ 400.00		$ -	$ 70.00	$ 280.00		$ -
12	PCB Containing Light Ballasts	25	EA	$ 22.50	$ 562.50		$ -	$ 24.00	$ 600.00		$ -
13	Mercury Containing Fluorescent Lights	58	EA	$ 10.50	$ 609.00		$ -	$ 7.00	$ 406.00		$ -
14	Air Conditioner Freon	2	EA	$ 201.25	$ 402.50		$ -	$ 720.00	$ 1,440.00		$ -

Total Evaluated Price:					$ 99,500.00				$ 186,416.00		
10% Contingency Allowance					$9,950.00				$18,641.60		
10% Dedicated Allowance Account for Hazardous Materials					$9,950.00				$18,641.60		
10% Dedicated Allowance Account for Source Removal					$9,950.00				$18,641.60		
Total Price:					$129,350.00				$242,340.80		

Identify Non-responsive vendors and reason/Comments:

Miami Dade Aviation Department
P O Box 025504
Miami, Florida 33102-5504

September 21, 2022

Amanuel Worku
Cherokee Enterprises, Inc.
12981 NW 113th Ct
Medley, FL 33178

Re: Recommendation for Award for RTQ-01064-PO#9, Miami Executive Airport – Building 504 Demolition

Dear Mr. Worku,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Project based on the bid submitted on September 16, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **$129,350.00**. This includes your base bid amount of **$99,500.00,** a **Dedicated Allowance for Source Removal** in the amount of **$9,950.00,** a **Dedicated Allowance for Hazardous Materials** in the amount of **$9,950.00,** and a **Contingency Allowance** in the amount of **$9,950.00**. The contract term is **180** calendar days. The award is contingent upon following:

1. Submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, Commercial General Liability, and Pollution Liability as required in Section 12.3, Insurance, of the Contract.

2. Sign and return Non-Collusion Affidavit (Attachment 1) attached to this award letter.

3. The Utilization Plan must be submitted in BMWS for approval to identify the SBEs that will be utilized in this Project to meet the requirements under Section 2.9 of the RTQ. Proof of submission is required.

4. Community Workforce Program (CWP): Pursuant to Section 2.9, Contract Measures, of the RTQ, the Contractor shall comply with 10 percent of the CMP as required by the Community Workforce Program provisions, Special Provisions 3.

5. VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled “Verification of Employment Eligibility.” This includes but is not limited to utilization of the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this

Miami Dade Aviation Department
P O Box 025504
Miami, Florida 33102-5504

Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (http://www.uscis.gov/e-verify) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the RTQ project specification. They must be submitted to the Aviation Department within **5 business** days of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or via email at jmanjarres@flymia.com.

Thank you,

Juliana Manjarres
Airport Purchasing Specialist

NON-COLLUSION AFFIDAVIT

(In accordance with Sections 2-8.1.1 and 10-33.02.1 of the Code of Miami-Dade County)

I, the undersigned, am over 18 years of age, have personal knowledge of the facts stated in the Non-Collusion Affidavit *(this Affidavit)* and I am an owner, officer, director, principal shareholder and/or otherwise authorized to bind the Bidder/Proposer of this solicitation.

A. I have reviewed the list of respondents attached to this Affidavit. I state that the Bidder/Proposer of this competitive solicitation (check one):

☐ is **not related** to any of the other respondents submitting a Bid/Proposal in the competitive solicitation.

☐ is **related** to the following respondents who submitted a Bid/Proposal in the competitive solicitation, which are identified and listed below:

B. I state that the Bidder/Proposer of this competitive solicitation:

1. has prepared this Bid/Proposal independently without consultation, communication, agreement or arrangement with any other Bidder/Proposer or competitor for the purpose of restricting competition;
2. has submitted the Bid/Proposal in its own behalf, and not in the interest or on behalf of any person not therein named;
3. has not, directly or indirectly, induced or solicited any other Bidder/Proposer to put in a sham proposal, or any other person, firm, or corporation to refrain from proposing;
4. has not in any manner sought by collusion to secure an advantage over any other Bidder/Proposer.

Note: Any person or entity that fails to submit this executed Affidavit shall be ineligible for contract award. In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two or more related parties, as defined herein, each submit a Bid for any contract, such Bids shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such Bids. **Related parties** shall mean the Bidder/Proposer; the principals, corporate officers, and managers of a Bidder/Proposer; or the spouse, domestic partner, parents, stepparents, siblings, children or stepchildren of a Bidder/Proposer or the principals, corporate officers and managers thereof which have a direct or indirect ownership interest in another Bidder/Proposer for the same contract or in which a parent company or the principals thereof of one Bidder/Proposer have a direct or indirect ownership interest in another Bidder/Proposer for the same contract. Bid/Proposal found to be collusive shall be rejected. Bidder/Proposer who has been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

Written Declaration: Pursuant to §92.525, Florida Statutes, under penalties of perjury, I declare that I have read the foregoing Affidavit and that the facts stated in it are true, accurate, and complete.

Solicitation No.: _____ Solicitation Title: _____

By: _____ Date: _____ 20 ____

Signature of Affiant

_____ ___/___-___/___/___/___/___/___

Printed Name of Affiant and Title Federal Employer Identification Number

_____

Printed Name of Bidder/Proposer

_____

Address of Bidder/Proposer

Purchase Order

AVIATION DEPARTMENT

4200 NW 36TH Street
Miami FL 33102
United States

Dispatch via Print

Purchase Order	Date	Revision	Page
AVIAT-0000056585	12/02/2022		1
Payment Terms	**Freight Terms**		**Ship Via**
N30	Destination		Common Carrier
Buyer	**Phone**		**Currency**
JULIANA MANJARRES - MDAD			

Supplier: 0000001264
CHEROKEE ENTERPRISES INC
14474 COMMERCE WAY
MIAMI LAKES FL 33016

Ship To: 1C30401C
Warehouse Bldg 3040
4331 NW 22nd Street
Miami FL 33122
United States

Attention: See Detail Below

Bill To: Accounts Payable
P.O. Box 526624
MIAMI FL 33152-6624
United States

Tax Exempt? Y **Tax Exempt ID:** 59-6000573 **Replenishment Option:** Standard

Line-Sch	Item/Description	Mfg ID	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	RTQ-01064-PO#9 Miami Executive Airport Building 504 Demolition Attn: VIVIAN Reina GONZALEZ-MDAD		1.00	EA	99,500.00	99,500.00	12/02/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 18	
	Item Total					99,500.00	
2- 1	Dedicated Allowance for Source Removal Attn: Not Specified		1.00	EA	9,950.00	9,950.00	12/02/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 19	
	Item Total					9,950.00	
3- 1	Dedicated Allowance for Hazardous Materials Attn: Not Specified		1.00	EA	9,950.00	9,950.00	12/02/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 20	
	Item Total					9,950.00	
4- 1	Contingency Allowance Attn: Not Specified		1.00	EA	9,950.00	9,950.00	12/02/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 21	
	Item Total					9,950.00	
	Total PO Amount					129,350.00	

Note: All Chemical and hazardous material orders must be delivered with a copy of the most recent available MSDS for the product. Failure to do so, may result in the refusal of acceptance of the material or product.

Authorized Signature

Juliana Manjarres