

Date: June 2, 2026

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

From: Daniella Levine Cava *Daniella Levine Cava*
Mayor

Subject: Contract Award Recommendation to Terracon Consultants, Inc. for Professional
Services at Miami International Airport - Facilities Development Construction
Materials Testing Services (Pool) Contract No. E24AV03B

Agenda Item No. 8(A)(5)

Resolution No. R-468-26

EXECUTIVE SUMMARY

To continue advancing the transformation of Miami International Airport (MIA) into a world-class aviation hub, Miami-Dade County has expanded its Modernization in Action (M.I.A.) Plan from \$9 billion to \$12 billion. This long-term modernization effort, which aligns with the goals of MIA's Forward Flight Team and the newly created MIA-CARE Advisory Board, is reshaping the airport through a portfolio of multiple capital projects that are expanding and enhancing critical facilities, including terminals, concourses, aircraft ramps, runways, parking structures, restrooms, and moving walkways. Collectively, these projects and the broader infrastructure investments that support them are designed to ensure that MIA can meet rising passenger demand, improve operational efficiency, and maintain its standing as one of the nation's top-ranked airports and the premier Gateway to Latin America and the Caribbean.

This item recommends that the County enter into a non-exclusive Professional Services Agreement (PSA) with Terracon Consultants, Inc. (Terracon) to provide architectural and engineering construction materials testing services in support of various capital improvements program (CIP) projects. The services rendered in this PSA will be used for CIP projects including, but not limited to, apron and utilities projects to the construction/remodeling of new concourses and terminal as well as auxiliary buildings and parking lots/garages.

Contract No. E24AV03 provides the Aviation Department with a pool of five (5) architectural and engineering consultants to assist MDAD staff in providing construction materials testing services. Accordingly, this PSA is the second of the five (5) agreements being recommended for award. The other four (4) award recommendations to Professional Service Industries, Inc. (Contract No. E24AV03A), NV5, Inc. (Contract No. E24AV03C), Blascom Engineering, Inc. (Contract No. E24AV03D), and Wingerter Laboratories, Inc. (Contract No. E24AV03E) are on today's agenda as companion items.

This PSA has a maximum total award amount of \$41,353,125.00, inclusive of a 10 percent contingency of \$3,750,000.00 and \$103,125.00 for the Office of the Inspector General (OIG). Each PSA has a term of five (5) years with a one (1) five-year renewal option. Work will be assigned among the PSAs by MDAD on a rotational basis based on workload, capabilities, schedule(s), familiarity with the location(s) and infrastructure, and conflicts of interest mitigation. No minimum amount of work or compensation has been committed to any one firm.

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve a competitive award of a PSA to Terracon titled: "Professional Services Agreement for Facilities Development Construction Materials Testing Services (Pool), Contract No. E24AV03B" in the maximum amount of \$41,353,125.00 with a five (5) year term and one (1) five-year renewal option.

SCOPE

The scope of services to be provided under this PSA consists of architectural and engineering testing and inspections services to assist during the construction of various CIP projects throughout MDAD. Experienced engineers and technicians are required to perform the testing, inspection, and engineering services for the following scopes of work:

- Construction Material Testing (CMT) and Inspections
- Asphalt and Concrete Testing and Inspection Services
- Geotechnical Exploration Services
- Soil and Foundation Testing services
- Materials Testing and Inspections services
- Roof Testing and Consulting

Although MIA is in District 6, represented by Commissioner Natalie Milian Orbis, the impact of this agenda item is county-wide as the airport is a regional asset.

DELEGATED AUTHORITY

This Board authorizes the County Mayor or County Mayor's designee to exercise the provisions thereof, including the authority to execute Contract No. E24AV03B and the authority to exercise the termination provisions, and to exercise all relevant authority granted to the County Mayor or County Mayor's designee pursuant to Sections 2-285 and 2-285.2 of the Miami-Dade County Code.

FISCAL IMPACT/FUNDING SOURCE

This PSA is valued at \$41,353,125.00 with a term of five (5) years and one (1) five-year renewal option. See the table below for a breakdown and more details.

Base Contract Amount	Contingency Allowance Amount (Code Sec. 2-8.1)	Inspector General Fee (Code Section 2-1076)
\$25,000,000.00	\$2,500,000.00	\$68,750.00

OTR Contract Amount	Contingency Allowance Amount (Code Sec. 2-8.1)	Inspector General Fee (Code Section 2-1076)
\$12,500,000.00	\$1,250,000.00	\$34,375.00

The project is in the Adopted Budget and Multi-Year Capital Plan. See the table below for further details. (See Attachment A: Adopted Budget and Multi-Year Capital Plan FY 2025-26, Pages 204, 206-208, 211-213, 216)

Funding Source(s)	Program No. & Description	Amount	Project No.
Future Financing	Miami International Airport (MIA) – Central Terminal Subprogram, Program No. 2000001041	\$3,000,000.00	#3002141
	Miami International Airport (MIA) – North Terminal Subprogram, Program No. 2000001042	\$6,470,625.00	#3002142
	Miami International Airport (MIA) – South Terminal Expansion Subprogram, Program No. 2000001317	\$6,470,625.00	#3002553

	Miami International Airport (MIA) – Cargo and Non-Terminal Buildings Subprogram, Program No. 2000001048	\$6,470,625.00	#3002148
	Miami International Airport (MIA) – Concourse E Subprogram No. 2000000094	\$6,470,625.00	#3000129
	Miami International Airport (MIA) – Terminal Wide Subprogram, Program No. 2000001043	\$3,000,000.00	#3002143
	General Aviation Airports Subprogram, Program No. 2000001049	\$3,000,000.00	#3002149
	Miami International Airport (MIA) – Miscellaneous Projects Subprogram, Program No. 2000000096	\$6,470,625.00	#3000131

See the table below for specific funding types, and whether they are applicable to this PSA.

Funding Type	Applicable (Yes or No)
People's Transportation Plan (PTP)	No
General Obligation Bond (GOB)	No
American Recovery and Reinvestment Act (ARRA- Economic Stimulus)	No

TRACK RECORD/MONITOR

The designated staff contact to track and monitor this contract is Contract Manager: Sylvia Novela, 305-876-7048, SNovela@flymia.com and Project Manager Richard Cabrera, 305-869-3481, RCabrera@flymia.com.

BACKGROUND

The Aviation Department's robust CIP continues to progress, propelling the transformation of MIA into a world-class aviation hub. Under the proposed PSA, Terracon will provide experienced engineers and certified technicians to perform a comprehensive range of services, including construction materials testing, asphalt and concrete testing and inspections, geotechnical exploration, soil and foundation evaluations, materials testing, and roof testing and consulting. These services are essential to maintaining and supporting MDAD's ongoing infrastructure development efforts.

The work authorized by this PSA will begin only after the Aviation Department issues a service order to Terracon. Work will continue based on the issuance of subsequent service orders. Each service order shall specify the scope of work, including the deliverables, the time of completion, and the total compensation amount for the authorized services.

The County will assign work to each firm on a rotational basis based on workload, capabilities, schedule(s), familiarity with the location(s) and infrastructure, and conflicts of interest mitigation. No minimum amount of work or compensation has been committed to any one firm.

The five (5) year term of this PSA becomes effective upon the execution of the agreement by all parties. The term shall remain effective until all services are completed or until those service orders in force at the end of the term have been completed or accepted, whichever occurs later.

All firms were evaluated in accordance with Section 2-10.4 of the Miami-Dade County Code, Implementing Order 3-34, and Administrative Order 3-39. In accordance with the legislation, Terracon is the recommended firm.

PROCUREMENT HISTORY

The Request to Advertise was filed with the Clerk of the Board on July 1, 2025. A total of nine (9) proposals were received by the submittal deadline of August 25, 2025. The proposals submitted by two (2) firms, Apex One Home Inspections Corp. and ECS Florida, LLC did not meet the prequalification/technical certification requirements pursuant to the Notice to Professional Consultants and were deemed non-compliant. Consequently, their proposals were not evaluated by the Competitive Selection Committee (CSC). On September 16, 2025, the Strategic Procurement Department (SPD) Project Review and Analysis Unit reviewed the proposals and deemed that the seven (7) firms were compliant with the 15 percent Disadvantaged Business Enterprise (DBE) A&E contract measure established for this project including: NV5, Inc., Wingerter Laboratories, Inc., Professional Service Industries, Inc., Tierra South Florida Inc., Blascom Engineering, Inc., Terracon Consultants, Inc., and H2R, Corp. However, effective October 3, 2025, the U.S. Department of Transportation (USDOT) issued an Interim Final Rule, suspending all DBE and ACDBE goals in solicitations until further notice. (See Attachment B: Project Worksheet and Compliance Review)

Pursuant to County Resolution No. R-62-22, which amended Implementing Order 3-34, and became effective on July 11, 2022, the CSC was provided with all reports and findings of the OIG and the Office of the Commission on Ethics and Public Trust (COE) regarding any Proposer and their proposed subcontractor(s) for consideration while scoring in accordance with the applicable criteria identified in the solicitation. On August 28, 2025, the OIG notified the CSC Coordinator that no reports or findings were located for this E24AV03 project. On September 2, 2025, the COE responded that a search of its closed complaint files for complainant and respondent data fields was performed, and none were found, indicating there were no problems found with the Prime or the subconsultants who participated in the proposal.

On November 21, 2025, at the First-Tier meeting, the CSC evaluated all responsive and responsible proposals and deemed the information sufficient to determine the qualifications of the teams. The CSC was tasked with evaluating the experience and qualifications of the Proposers. Upon reviewing the evaluation reports, SPD identified that a CSC member had submitted evaluation reports for a different project on which they also served. SPD staff informed the CSC members that the meeting would be reconvened at a later date to allow the CSC member sufficient time to properly evaluate the correct proposals for this project. No scores were read into the record. On December 9, 2025, at the reconvened First Tier meeting, the CSC evaluated all responsive and responsible proposals and deemed the information sufficient to determine the qualifications of the teams. The CSC was tasked with evaluating the experience and qualifications of the Proposers and scored and ranked the proposals in accordance with the evaluation criteria outlined in the solicitation.

By majority vote, the CSC decided to forego Second-Tier proceedings and recommended the second highest-ranked firm, Terracon, for negotiation of this PSA. See Table A.

Table A.

Firm	Total Adjusted Qualitative Points	Total Adjusted Ordinal Score	Final Ranking
PROFESSIONAL SERVICE INDUSTRIES, INC.	360	6	1
TERRACON CONSULTANTS, INC.	348	10	2

NV5, INC.	342	12	3
BLASCOM ENGINEERING, INC.	335	16	4
WINGERTER LABORATORIES, INC.	333	16	5
TIERRA SOUTH FLORIDA INC.	317	19	6
H2R, CORP.	311	20	7

The Negotiation Committee was approved by the County Mayor's designee on January 2, 2026. (See Attachment C: Negotiation Authorization, List of Respondents, and Tabulation Sheets).

The Negotiation Committee began negotiations with the second highest-ranked firm, Terracon, on March 3, 2026, and concluded negotiations on March 5, 2026.

VENDOR(S) RECOMMENDED FOR AWARD

The table below depicts a summary of the recommended firm.

Vendor Name	Principal Address	Local Address	Number of Employee Residents*	Principal
			1) Miami-Dade County 2) Percentage (%)	
Terracon Consultants, Inc.	10841 S Ridgeview Road, Olathe, KS 66061	16200 NW 59th Avenue, Suite 106 Miami Lakes, FL 33014	21	Javier Jimenez
			0.25%	

*Pursuant to R-1011-15, the percentage of employee residents is the percentage of the vendor's employees who reside in Miami-Dade County as compared to the vendor's total workforce.

The sub-consultants/subcontractors for this project are AREHNA Engineering, Inc., and GCES Engineering Services, LLC.

DUE DILIGENCE

Pursuant to R-187-12, MDAD conducted due diligence in accordance with the Strategic Procurement Department (SPD) guidelines to determine vendor responsibility, including verifying corporate status and that no performance or compliance issues exist. The lists referenced include the Capital Improvements Information System, the SBD Division database, Sunbiz, the Tax Collector's Office, convicted vendors, debarred vendors, delinquent contractors, and the federal excluded parties list. Also examined as part of this due diligence: Florida Division of Business and Professional Regulation. There were no adverse findings relating to vendor responsibility.

A review of the County’s Capital Improvements Information System showed that the recommended vendor has an average evaluation score of 3.6 out of a possible 4.0, indicating superior performance. (See Attachment D: Contractor Evaluations Report).

According to the Firm History Report, as provided by SPD, within the last three years, Terracon has received four (4) contracts as a Prime Contractor with a value of \$7,078.00. For the period June 2012 – February 2023, Terracon received twenty-one (21) contracts as a Prime Contractor with a value of \$165,189,524.00, for a total of \$165,196,602.00. (See Attachment E: A/E Firm History Report).

APPLICABLE ORDINANCES AND MEASURES

The table below lists various legislative policies and whether they apply to this item.

Title	Legislation	Applicable (Yes or No)	Notations
In-house Capabilities	Resolution R-1204-05	Yes	MDAD evaluated and determined that MDAD does not have the in-house capabilities to perform design and construction inspection services due to the multi-disciplinary expertise and workforce size required for services issued under this discipline.
Consultants’ Competitive Negotiation Act	Florida Statute 287.055	Yes	
Local Preference	Code Section 2-8.5	Yes	
Local Certified Veteran Business Enterprise Preference	Code Section 2-8.5.1	Yes	
Small Business Enterprise - Architecture and Engineering	Code Section 2-10.4.01 and Implementing Order 3-32	Yes	DBE - A&E: 0 percent
Small Business Enterprise - Services	Code Section 2-8.1.1.1.1 and Implementing Order 3-41	No	
Small Business Enterprise - Goods	Code Section 2-8.1.1.1.2 and Implementing Order 3-41	No	
Sea Level Rise	Ordinance 14-79	Yes	Sea Level Rise will be considered as part of the planning and design work, as defined in Ordinance No. 14-79.
Sustainable Buildings Program	Implementing Order 8-8	Yes	All activity shall comply with the County’s “Sustainable Buildings Program”, more

Title	Legislation	Applicable (Yes or No)	Notations
			specifically, (i) Resolutions No. R-617-17; (ii) Sections 2-1 of the Miami-Dade County Code; BCC Rule 5.10 and Chapter 9; Article III, Section 9-71 through 9-75, of the Code, in addition to Implementing Order (I.O.) 8-8, which established a County policy to incorporate, wherever practical, Green Building Practices into the planning, budgeting, design, construction, operations, management, renovation, maintenance and decommissioning of public projects.
Art in Public Places	Code Section 2-11.15	No	
Buy American Iron and Steel Procurement Program	Ordinance 21-22	No	Will be considered at the service order level.
Office of Inspector General Fee	Code Section 2-1076	Yes	



Jimmy Morales
Chief Operating Officer

Signature Page
Contract No: E24AV03B
to Terracon Consultants, Inc.

**BUDGET
APPROVAL
FUNDS
AVAILABLE:**

DB Kay W. Baky 04/01/2026
OFFICE OF MANAGEMENT AND BUDGET (OMB)
DATE
DIRECTOR

**APPROVED AS
TO LEGAL
SUFFICIENCY:**

 3-31-26
COUNTY ATTORNEY DATE



**COUNTY MAYOR OR
DESIGNEE**

04/09/26

DATE

CLERK
DATE

DATE _____

Attachment A

Adopted Budget and Multi-Year
Capital Plan FY 2025-26,
Pages 204, 206-208, 211-213, 216

FY 2025-26 Adopted Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FUTURE	TOTAL
Revenue									
Aviation 2016 Commercial Paper	170,000	0	0	0	0	0	0	0	170,000
Aviation 2021 Commercial Paper	180,000	0	0	0	0	0	0	0	180,000
Aviation Operating Funds	7,466	1,807	0	0	0	0	0	0	9,273
Aviation Passenger Facility Charge	87,704	3,191	0	25,827	39,869	4,304	0	0	160,895
Aviation Revenue Bonds	257,803	0	0	0	0	0	0	0	257,803
Claims Construction Fund	8,918	0	0	0	0	0	0	0	8,918
Double-Barreled GO Bonds	32,045	0	0	0	0	0	0	0	32,045
FDOT Funds	126,193	39,932	14,034	3,769	0	0	5,775	7,604	197,307
Federal Aviation Administration	151,948	32,446	125,119	11,257	11,805	9,492	9,492	18,961	370,520
Future Financing	256,686	481,452	725,267	972,749	1,078,881	1,031,957	1,079,969	4,092,313	9,719,274
Improvement Fund	85,334	18,277	14,528	12,558	11,494	1,955	5,474	5,604	155,224
Reserve Maintenance Fund	203,427	122,869	120,000	43,500	43,500	40,000	40,000	40,000	653,296
Transportation Security Administration Funds	113,170	0	0	0	0	0	0	0	113,170
Total:	1,680,694	699,974	998,948	1,069,660	1,185,549	1,087,708	1,140,710	4,164,482	12,027,725
Expenditures									
Strategic Area: ED									
Facility Expansion	277,775	204,333	215,592	199,892	149,453	149,623	103,069	22,428	1,322,165
Facility Improvements	1,402,919	495,641	783,356	869,768	1,036,096	938,085	1,037,641	4,142,054	10,705,560
Total:	1,680,694	699,974	998,948	1,069,660	1,185,549	1,087,708	1,140,710	4,164,482	12,027,725

FUNDED CAPITAL PROGRAMS

(dollars in thousands)

GENERAL AVIATION AIRPORTS SUBPROGRAM

PROGRAM #: 2000001049

DESCRIPTION: Rehabilitate Runway 9-27 and construct run-up pad and construct a jet blast deflection fence at Opa-Locka Airport; upgrade security at Miami - Homestead Airport; construct runway incursion mitigation option 2 - Phase 1; expand south apron for a new taxi lane; construct a new 130-foot high Air traffic Control Tower; construct runway incursion mitigation hot spot 1 with Taxiway H - west extension to Threshold 9R at Miami Executive Airport; and construct an aircraft design group III taxi-lane and taxi-lane connector at Miami International Airport

LOCATION: General Aviation Airports
Various Sites

District Located: 1,11
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2016 Commercial Paper	140	0	0	0	0	0	0	0	140
Aviation Revenue Bonds	19,716	0	0	0	0	0	0	0	19,716
FDOT Funds	8,897	1,897	742	969	0	0	0	2,879	15,384
Federal Aviation Administration	29,545	3,947	3,832	10,480	9,492	9,492	9,492	18,961	95,241
Future Financing	6,178	12,485	20,351	33,031	25,218	6,500	0	5,752	109,515
TOTAL REVENUES:	64,476	18,329	24,925	44,480	34,710	15,992	9,492	27,592	239,996
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	47,459	14,504	22,575	41,781	33,316	15,796	9,296	26,305	211,032
Planning and Design	17,017	3,825	2,350	2,699	1,394	196	196	1,287	28,964
TOTAL EXPENDITURES:	64,476	18,329	24,925	44,480	34,710	15,992	9,492	27,592	239,996

FY 2025-26 Adopted Budget and Multi-Year Capital Plan

MIAMI INTERNATIONAL AIRPORT (MIA) - BUILDING RECERTIFICATION PROGRAM

PROGRAM #: 2000004039

DESCRIPTION: Inspect and repair buildings 30 years and older for roof, structural, electrical and mechanical safety as part of the building recertification process

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	3,055	0	0	0	0	0	0	0	3,055
Future Financing	0	16,538	16,538	26,371	46,038	44,660	29,500	417,300	596,945
TOTAL REVENUES:	3,055	16,538	16,538	26,371	46,038	44,660	29,500	417,300	600,000
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	0	0	0	9,833	29,500	29,500	29,500	417,300	515,633
Planning and Design	3,055	16,538	16,538	16,538	16,538	15,160	0	0	84,367
TOTAL EXPENDITURES:	3,055	16,538	16,538	26,371	46,038	44,660	29,500	417,300	600,000

MIAMI INTERNATIONAL AIRPORT (MIA) - CARGO AND NON-TERMINAL BUILDINGS

PROGRAM #: 2000001048

SUBPROGRAM

DESCRIPTION: Demolish buildings 703 and 703A; complete environmental assessment and remediation of demolished buildings; demolish building 5A and relocate tenants; improve apron and airside areas of building 702; construct MIA General Service Equipment (GSE) facility for north terminal; construct a vehicle fueling and car wash facility; demolish building 3039 and existing fuel facility; construct a temporary south terminal GSE facility; modify NW 20th Street Airport Operations area; demolish building 704; develop a west cargo truck parking area; complete the Aviation Department's office relocations and building 3032 replacement; construct hanger and parking garage for various tenants on northside of airfield; and build two-story hangar/office building including ramp and apron improvements; construct parking garage for transportation network company vehicles and taxis; renovate building 3030

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation Operating Funds	5,294	1,807	0	0	0	0	0	0	7,101
Aviation Revenue Bonds	2,715	0	0	0	0	0	0	0	2,715
FDOT Funds	671	1,829	0	0	0	0	0	0	2,500
Future Financing	6,191	55,887	64,871	82,694	168,287	142,247	33,273	5,210	558,660
Improvement Fund	26,562	5,009	1,829	383	1,532	1,955	5,474	5,604	48,348
TOTAL REVENUES:	41,433	64,532	66,700	83,077	169,819	144,202	38,747	10,814	619,324
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	31,625	56,446	51,190	71,203	162,396	141,174	38,118	10,491	562,643
Planning and Design	9,808	8,086	15,510	11,874	7,423	3,028	629	323	56,681
TOTAL EXPENDITURES:	41,433	64,532	66,700	83,077	169,819	144,202	38,747	10,814	619,324

FY 2025-26 Adopted Budget and Multi-Year Capital Plan

MIAMI INTERNATIONAL AIRPORT (MIA) - CENTRAL BASE APRON AND UTILITIES

PROGRAM #: 2000000093

SUBPROGRAM

DESCRIPTION: Replace, reconfigure and expand apron east of the old Pan American 3095 Hangar; construct a new service road and service road bridge; provide new pavement markings; and provide culvert and filling of existing canal

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation Revenue Bonds	20,018	0	0	0	0	0	0	0	20,018
FDOT Funds	8,077	0	0	0	0	0	0	0	8,077
Federal Aviation Administration	51,846	54	0	0	0	0	0	0	51,900
Future Financing	0	3,074	0	0	0	0	25,413	0	28,487
TOTAL REVENUES:	79,941	3,128	0	0	0	0	25,413	0	108,482
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	71,820	3,128	0	0	0	0	21,588	0	96,536
Planning and Design	8,121	0	0	0	0	0	3,825	0	11,946
TOTAL EXPENDITURES:	79,941	3,128	0	0	0	0	25,413	0	108,482

MIAMI INTERNATIONAL AIRPORT (MIA) - CENTRAL TERMINAL SUBPROGRAM

PROGRAM #: 2000001041

DESCRIPTION: Redevelop Concourse E to Concourse F connector; redevelop Concourse F infill for a new secure concession and circulations; improve ticket lobby and raise lobby roof; improve vertical circulation; consolidate Security Screening Check Point for concourse E and Concourse F; replace terminal entrance doors; renovate MIA central terminal façade curbside; and construct Concourse F to Concourse H connector; rehabilitate automated people mover in Concourse E Satellite; install advanced virtual docking guidance system in Concourse F gates; construct Concourse F new baggage handling piers; construct South Terminal to Central Terminal crossover of baggage; construct a new Concourse F; demolish Concourse G; demolish existing Concourse F; rehabilitate Concourse E and Concourse F taxi lanes and apron

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	974	0	0	0	0	0	0	0	974
Aviation Revenue Bonds	10,844	0	0	0	0	0	0	0	10,844
FDOT Funds	4,000	0	0	0	0	0	0	0	4,000
Federal Aviation Administration	13,221	12,273	4,481	777	2,313	0	0	0	33,065
Future Financing	20,520	36,516	42,367	43,187	110,285	164,674	396,141	1,501,809	2,315,499
Improvement Fund	2,820	0	0	0	0	0	0	0	2,820
TOTAL REVENUES:	52,379	48,789	46,848	43,964	112,598	164,674	396,141	1,501,809	2,367,202
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	35,190	28,018	21,442	24,817	87,698	143,106	361,133	1,369,490	2,070,894
Planning and Design	17,189	20,771	25,406	19,147	24,900	21,568	35,008	132,319	296,308
TOTAL EXPENDITURES:	52,379	48,789	46,848	43,964	112,598	164,674	396,141	1,501,809	2,367,202

FY 2025-26 Adopted Budget and Multi-Year Capital Plan

MIAMI INTERNATIONAL AIRPORT (MIA) - CONCOURSE E SUBPROGRAM

PROGRAM #: 2000000094

DESCRIPTION: Renovate Concourse E to include interior, exterior and code requirement upgrades; upgrade passenger loading bridges; replace automated people mover; rehabilitate apron pavement in Concourse E's Satellite and Lower concourse; implement automated processing for inbound international passengers working in conjunction with the Department of Homeland Security utilizing the latest technology and modified Transportation Security Administration (TSA) approved processes; and build new chiller plant to meet preconditioned air demands; and upgrade life safety features; renovate Concourse E Federal Inspection Services (FIS) area phase 2; replace Concourse E satellite glazing; upgrade Concourse E mechanical and electrical rooms; renovate lower Concourse E greeters lobby

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2016 Commercial Paper	8,091	0	0	0	0	0	0	0	8,091
Aviation 2021 Commercial Paper	22,253	0	0	0	0	0	0	0	22,253
Aviation Operating Funds	175	0	0	0	0	0	0	0	175
Aviation Revenue Bonds	90,113	0	0	0	0	0	0	0	90,113
FDOT Funds	48,269	1,777	0	0	0	0	0	0	50,046
Federal Aviation Administration	8,547	0	0	0	0	0	0	0	8,547
Future Financing	16,834	25,149	49,183	18,799	59,421	96,316	179,050	223,901	668,653
Reserve Maintenance Fund	57,496	0	0	0	0	0	0	0	57,496
TOTAL REVENUES:	251,778	26,926	49,183	18,799	59,421	96,316	179,050	223,901	905,374
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	229,115	24,097	36,660	10,502	48,439	82,799	156,977	217,288	805,877
Planning and Design	22,663	2,829	12,523	8,297	10,982	13,517	22,073	6,613	99,497
TOTAL EXPENDITURES:	251,778	26,926	49,183	18,799	59,421	96,316	179,050	223,901	905,374

MIAMI INTERNATIONAL AIRPORT (MIA) - CONVEYANCE EQUIPMENT

PROGRAM #: 2000004038

DESCRIPTION: Replace and/or refurbish all elevators, escalators and moving walkways at MIA

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	878	0	0	0	0	0	0	0	878
Future Financing	24,466	24,945	26,295	34,794	41,294	66,295	56,295	233,091	507,475
TOTAL REVENUES:	25,344	24,945	26,295	34,794	41,294	66,295	56,295	233,091	508,353
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	24,633	24,234	24,978	33,477	39,977	64,978	54,978	226,564	493,819
Planning and Design	711	711	1,317	1,317	1,317	1,317	1,317	6,527	14,534
TOTAL EXPENDITURES:	25,344	24,945	26,295	34,794	41,294	66,295	56,295	233,091	508,353

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MIAMI INTERNATIONAL AIRPORT (MIA) - MISCELLANEOUS PROJECTS SUBPROGRAM PROGRAM #: 2000000096

DESCRIPTION: Rehabilitate Taxiway T and S; realign Taxiway R; construct Airport Operations Control Room (AOC); construct new employee parking garage; replace Concourses E through H ticket counters; repair MIA parking garage structure; and rehabilitate the Automated Peoples Mover ("APM") Bridge in Concourse E Satellite

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2016 Commercial Paper	40,638	0	0	0	0	0	0	0	40,638
Aviation 2021 Commercial Paper	35,900	0	0	0	0	0	0	0	35,900
Aviation Revenue Bonds	11,600	0	0	0	0	0	0	0	11,600
Double-Barreled GO Bonds	31,457	0	0	0	0	0	0	0	31,457
FDOT Funds	17,096	3,392	1,114	0	0	0	0	0	21,602
Federal Aviation Administration	37,062	2,544	6,439	0	0	0	0	0	46,045
Future Financing	26,700	33,975	57,471	22,915	25,669	5,810	0	22,602	195,142
Improvement Fund	32,290	0	0	0	0	0	0	0	32,290
Reserve Maintenance Fund	1,631	0	0	0	0	0	0	0	1,631
TOTAL REVENUES:	234,374	39,911	65,024	22,915	25,669	5,810	0	22,602	416,305
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	208,063	37,544	61,876	20,341	23,137	4,685	0	15,686	371,332
Planning and Design	26,311	2,367	3,148	2,574	2,532	1,125	0	6,916	44,973
TOTAL EXPENDITURES:	234,374	39,911	65,024	22,915	25,669	5,810	0	22,602	416,305

MIAMI INTERNATIONAL AIRPORT (MIA) - NEW PROGRAM CONTINGENCY PROGRAM #: 2000001674

DESCRIPTION: Provide contingency funding for various miscellaneous and/or extraordinary capital projects including but not limited to unforeseen construction costs

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Future Financing	0	0	0	0	0	0	0	329,247	329,247
TOTAL REVENUES:	0	0	0	0	0	0	0	329,247	329,247
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	0	0	0	0	0	0	0	329,247	329,247
TOTAL EXPENDITURES:	0	0	0	0	0	0	0	329,247	329,247

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MIAMI INTERNATIONAL AIRPORT (MIA) - NORTH TERMINAL SUBPROGRAM

PROGRAM #: 2000001042

DESCRIPTION: Redevelop North Terminal's regional commuter facility to include Concourse D west extension of building and apron and utilities phases 1 thru 6; upgrade North Terminal ramp level restrooms; implement North Terminal Gate Optimization; complete North Terminal Gate infrastructure upgrades to accommodate for larger aircraft; install Swing Door at Gates D-60; construct a new AOA gate at Central Base; install North Terminal Development Baggage System; complete TSA recapitalization; and purchase sky train vehicles; refurbish Concourse F; renovate Gate 12 office

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation Revenue Bonds	244	0	0	0	0	0	0	0	244
Claims Construction Fund	8,918	0	0	0	0	0	0	0	8,918
FDOT Funds	962	2,955	1,046	359	0	0	0	0	5,322
Future Financing	12,354	18,231	94,919	134,705	145,346	63,044	0	797,987	1,266,586
Reserve Maintenance Fund	964	0	0	0	0	0	0	0	964
Transportation Security	5,748	0	0	0	0	0	0	0	5,748
Administration Funds									
TOTAL REVENUES:	29,190	21,186	95,965	135,064	145,346	63,044	0	797,987	1,287,782
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	15,788	18,078	86,696	124,662	91,976	12,481	0	782,940	1,132,621
Planning and Design	13,402	3,108	9,269	10,402	53,370	50,563	0	15,047	155,161
TOTAL EXPENDITURES:	29,190	21,186	95,965	135,064	145,346	63,044	0	797,987	1,287,782

MIAMI INTERNATIONAL AIRPORT (MIA) - PASSENGER BOARDING BRIDGES SUBPROGRAM

PROGRAM #: 2000000596

DESCRIPTION: Replace 44 Passenger Boarding Bridges (PBBs) and associated equipment at concourses D, E, F and G by FY 2026-27

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	2,728	0	0	0	0	0	0	0	2,728
Aviation Passenger Facility Charge	64,880	3,191	0	0	0	0	0	0	68,071
FDOT Funds	2,087	0	0	0	0	0	0	0	2,087
Future Financing	0	12,126	0	0	0	0	0	0	12,126
TOTAL REVENUES:	69,695	15,317	0	0	0	0	0	0	85,012
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	67,555	13,890	0	0	0	0	0	0	81,445
Planning and Design	2,140	1,427	0	0	0	0	0	0	3,567
TOTAL EXPENDITURES:	69,695	15,317	0	0	0	0	0	0	85,012

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MIAMI INTERNATIONAL AIRPORT (MIA) - RESERVE MAINTENANCE SUBPROGRAM PROGRAM #: 2000000068

DESCRIPTION: Provide funding for various miscellaneous and/or extraordinary capital projects including but not limited to maintenance, repairs, renewals and/or replacement; replacement of IT equipment; replacement of vehicles; and miscellaneous environmental and paving rehabilitation projects

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
FDOT Funds	2,639	0	0	0	0	0	0	0	2,639
Reserve Maintenance Fund	131,481	120,000	120,000	40,000	40,000	40,000	40,000	40,000	571,481
TOTAL REVENUES:	134,120	120,000	120,000	40,000	40,000	40,000	40,000	40,000	574,120
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	132,365	119,944	119,938	39,973	39,998	40,000	40,000	39,177	571,395
Planning and Design	1,755	56	62	27	2	0	0	823	2,725
TOTAL EXPENDITURES:	134,120	120,000	120,000	40,000	40,000	40,000	40,000	40,000	574,120

MIAMI INTERNATIONAL AIRPORT (MIA) - SOUTH TERMINAL EXPANSION SUBPROGRAM PROGRAM #: 2000001317

DESCRIPTION: Augment South Terminal Smoke Evacuation System; perform Concourse H Glazing and Curtain Wall Assessment and Corrective Action; demolish Building 3050 for South Terminal Expansion; relocate South Terminal Apron and Utilities Phase 1; expand South Terminal eastward adding new gates; and develop South Terminal Centralized Checkpoint; construct new lounge; construct new Concourse F baggage piers and crossover to Central Terminal; rehabilitate concourse H to J

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	13,690	0	0	0	0	0	0	0	13,690
FDOT Funds	6,271	23,931	0	0	0	0	0	0	30,202
Federal Aviation Administration	2,556	2,444	91,246	0	0	0	0	0	96,246
Future Financing	210	72,334	61,904	180,151	144,169	148,952	93,141	5,557	706,418
Reserve Maintenance Fund	328	0	0	0	0	0	0	0	328
TOTAL REVENUES:	23,055	98,709	153,150	180,151	144,169	148,952	93,141	5,557	846,884
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	15,297	90,276	143,852	170,519	135,199	144,852	91,934	5,042	796,971
Planning and Design	7,758	8,433	9,298	9,632	8,970	4,100	1,207	515	49,913
TOTAL EXPENDITURES:	23,055	98,709	153,150	180,151	144,169	148,952	93,141	5,557	846,884

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MIAMI INTERNATIONAL AIRPORT (MIA) - TERMINAL WIDE ROOF SUBPROGRAM

PROGRAM #: 2000001574

DESCRIPTION: Replace and upgrade the terminal-wide roof and lightning systems to include roof demolition and roof replacement with a Modified Bitumen Membrane Roofing System; and implement mechanical, structural, electrical and plumbing (MEP) upgrades; and install a lightning protection system

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	104	0	0	0	0	0	0	0	104
Aviation Revenue Bonds	2,782	0	0	0	0	0	0	0	2,782
FDOT Funds	5,338	847	0	0	0	0	0	0	6,185
Future Financing	0	1,823	28,524	76,994	102,413	123,323	77,829	153,023	563,929
Reserve Maintenance Fund	0	0	0	3,500	3,500	0	0	0	7,000
TOTAL REVENUES:	8,224	2,670	28,524	80,494	105,913	123,323	77,829	153,023	580,000
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	849	2,486	27,197	79,167	103,774	121,111	77,644	153,023	565,251
Planning and Design	7,375	184	1,327	1,327	2,139	2,212	185	0	14,749
TOTAL EXPENDITURES:	8,224	2,670	28,524	80,494	105,913	123,323	77,829	153,023	580,000

MIAMI INTERNATIONAL AIRPORT (MIA) - TERMINAL WIDE SUBPROGRAM

PROGRAM #: 2000001043

DESCRIPTION: Relocate tenants supporting south and central terminal projects; initiate passenger boarding bridges phase II, consisting of the replacement of 50 passenger boarding bridges and related infrastructure; replace public address system; purchase Computer Tomography X-ray (CTX); replace Transportation Security Administration (TSA) security lane equipment; purchase 2-way radio communication system; upgrade Customs and Border Protection (CBP) network and circuits; build Concourse F to Concourse H interconnector; construct central and south terminal bag claim optimization phase 2 and 3; and renovate Concourse D U.S. Customs and Border Protection passport processing area; implement innovation projects such as automated exit lanes and parallel reality; replace existing terminal seating with innovative seating that includes charging stations; replace carpet areas in the airport with terrazzo flooring; replace all wall display screens; replace components of FAT oil and Grease (FOG) program; replace bathroom exhaust fans; install innovative technologies like holograms displays

LOCATION: Miami International Airport District Located: 6
Unincorporated Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Aviation 2021 Commercial Paper	9,431	0	0	0	0	0	0	0	9,431
Aviation Passenger Facility Charge	0	0	0	25,827	39,869	4,304	0	0	70,000
Federal Aviation Administration	2,805	16	0	0	0	0	0	0	2,821
Future Financing	8,831	29,689	74,404	118,491	104,276	83,739	17,187	6,965	443,582
Improvement Fund	8,360	13,057	12,175	12,175	9,962	0	0	0	55,729
Reserve Maintenance Fund	6,307	2,529	0	0	0	0	0	0	8,836
TOTAL REVENUES:	35,734	45,291	86,579	156,493	154,107	88,043	17,187	6,965	590,399
EXPENDITURE SCHEDULE:	PRIOR	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	FUTURE	TOTAL
Construction	25,149	35,779	85,827	155,429	152,956	87,278	17,137	5,203	564,758
Planning and Design	10,585	9,512	752	1,064	1,151	765	50	1,762	25,641
TOTAL EXPENDITURES:	35,734	45,291	86,579	156,493	154,107	88,043	17,187	6,965	590,399

Attachment B

SBD Project Worksheet and Compliance Review



Strategic Procurement Department

Project Worksheet

Project/Contract Title: Facilities Development Construction Materials Testing Services
Project/Contract No: E24-AV-03 - Revised
Department: Aviation
Estimated Cost of Project/Bid: \$27,568,750.00
Description of Project/Bid: Professional services for the testing and inspections services for various projects within MDAD's capital improvement program (CIP) as per the requirements of the various Project Contract Documents and the MDAD Design Guidelines under the supervision of MDAD's authorized representative. Experienced engineers and technicians are required to perform the testing, inspection, and Engineering services for the following scopes of work:

- Provide Construction Material Testing (CMT) and Inspections
- Provide asphalt and concrete testing and inspection services
- Provide geotechnical exploration services
- Provide Soil and Foundation Testing services
- Provide Materials Testing and Inspections services
- Provide Roof Testing and Consulting

Contract Measures Recommendation		
Measure	Program	Goal Percent
No Measure	DBE	
Reasons for Recommendation		
This project worksheet is being revised to A DBE No Measure recommendation due to the Interim Final Rule, effective October 3, 2025, resulting in the temporary suspension of the requirements under the DBE program. This project worksheet was previously revised to reduced the DBE measure by 10%. PRA reviewed this project pursuant to Federal Regulation 49 CFR, Part 26 for project number E24AV03. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications, and funding source. A 15% DBE sub-consultant goal is appropriate for this agreement and it can be met in any of the following TTC's: TTC 9.01-Drilling, Subsurface Investigation and Seismographic Services, TTC 9.02-Geotechnical and Material Engineering Services, TTC 9.03-Concrete and Asphalt Testing Services, TTC 9.04-Non-Destructive Testing and Inspections, and TTC 9.05-Roof Testing and Consulting. Project cost: A&E \$41,353,125.00 (5 PSA's for \$8,270,625 each) MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES, MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES, MDC-TCC 09-03 CONCRETE AND ASPHALT TESTING SERVICES, MDC-TCC 09-04 NON-DESTRUCTIVE TESTING AND INSPECTIONS, MDC-TCC 09-05 ROOF TESTING AND CONSULTING		

Living Wages: YES ☐ NO ☒ Highway: YES ☐ NO ☒ Heavy Construction: YES ☐ NO ☒
Responsible Wages: YES ☐ NO ☒ Building: YES ☐ NO ☒



County Mayor (Aviation Only)

01/23/26

Date

Memorandum



DATE: September 16, 2025

TO: Namita Uppal, Director
Strategic Procurement Department

FROM: Laurie Johnson, Section Chief *Laurie Johnson*
Project Review & Analysis Unit

SUBJECT: Compliance Review
Project No. E24AV03 - Revised
Facilities Development Construction Materials Testing Services

The Project Review & Analysis Unit (PRA), a division of The Strategic Procurement Department (SPD) has completed its review pursuant to requirements of Federal Regulations 49 CFR Part 26. The contract measure established for this project is a 15% Disadvantage Business Enterprise (DBE) participation goal.

The A&E Unit submitted nine proposals for the following consultant teams: Apex One Home Inspections Corp (1), ECS Florida, LLC (2), NV5 Inc. (3), Wingerter Laboratories Inc. (4), Professional Service Indust Inc. (5), Tierra South Florida Inc (6), Blascom Engineering Inc (7), Terracon Consultants Inc (8), and H2R Corp (9) committed to the project's 15% DBE measure. Two consulting team, Apex One Home Inspections Corp, and ECS Florida, LLC was eliminated by the A&E Unit based on technical certification requirements.

Seven proposals included the following: Form 1 - DBE Utilization form, Form 2 – Letter of Intent, Form 3 DBE Regular Dealer/Distributor Affirmation form, DBE Contract Participation form, and Bidder's List for the firms listed below, acknowledging the project's DBE measure. The following is the pre-award compliance status and summary.

FIRM

NV5, Inc.
Wingerter Laboratories, Inc.
Professional Service Industries, Inc.
Tierra South Florida, Inc.
Blascom Engineering, Inc.
Terracon Consultants, Inc.
H2R, Corp.

STATUS:

Compliant
Compliant
Compliant
Compliant
Compliant
Compliant
Compliant

SUMMARY:

NV5, Inc. (#3), a non-certified DBE firm, committed to utilizing the following DBE certified firms: Geosol, Inc. to provide Engineering Services, and Testing Laboratories Services at 7.50%, and Premiere Design Solutions, Inc., to provide Engineering Services and Surveying & Mapping/Utilities at 7.50% for a total of 15%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

NV5, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Wingerter Laboratories, Inc. (#4), a non-certified DBE firm, committed to utilizing GCES Engineering Services, LLC., a certified DBE firm, to provide Geotechnical and Materials Engineering Services for a total of 15%. The certified DBE sub-consultant confirmed its participation by signing the DBE forms and are in agreement with the measure.

Wingerter Laboratories, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Professional Service Industries, Inc. (#5), a non-certified DBE firm, committed to utilizing the following certified DBE firms: HR Engineering Services, Inc. to provide Geotechnical and Materials Engineering Services at 25%; and Diaz-Murphy and Associates CES, LLC., to provide Materials Testing at 25% for a total of 50%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Professional Service Industries, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Tierra South Florida Inc. (#6), a certified DBE firm, committed to self-perform Geotechnical and Materials Engineering Services at 85% to meet the assigned project's measure. The certified DBE firm confirmed its participation by signing the DBE forms and are in agreement with the project's measure.

Tierra South Florida, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Blascom Engineering, Inc., (#7) a certified DBE firm, committed to self-perform Geotechnical and Materials Engineering Services at 75%, and to utilize HR Engineering Services, Inc., a certified DBE firm, to provide Geotechnical and Materials Engineering Services at 5% for a total of 80%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Blascom Engineering, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Terracon Consultants, Inc., (#8) a non-certified DBE firm, committed to utilizing the following certified DBE firms: AREHNA Engineering, Inc. to provide Geotechnical and Materials Engineering & Testing Services at 7.50%, and GCES Engineering Services, LLC to provide Construction Materials Testing at 7.50% for a total of 15%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Terracon Consultants, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

H2R, Corp., (#9) a certified DBE firm, submitted a Utilization Plan (UP), committed to self-perform Geotechnical Engineering Services for a total of 100%. The certified DBE firm confirmed its participation by signing the DBE forms and are in agreement with the measure.

H2R, Corp. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Please note that Project Review and Analyst staff reviewed and addressed compliance with Federal Regulations 49 CFR Part 26 only.

Should you have any questions or need any additional information, please do not hesitate to contact Gayna Mc Donald, Capital Improvement Project Analyst, at (305) 375-3135.

c: A. Ragin, Aviation Strategic Advisor, MDAD
 F. Reyes, A/E Consultant Selection Coordinator, SPD

Attachment C

Negotiation Authorization, List of
Respondents and Tabulation Sheets

Memorandum



Date: January 1, 2026

To: Namita Uppal, C.P.M.
Director and Chief Procurement Officer
Strategic Procurement Department

From: Francela Reyes, *Francela Reyes*
Selection Committee Coordinator

Subject: Report Of Competitive Selection Committee
Miami-Dade County Aviation Department (MDAD)
Project Title: Facilities Development Construction Materials Testing Services
SPD Project No. E24AV03

The Competitive Selection Committee has completed the evaluation of the proposals submitted in response to the referenced Strategic Procurement Department (SPD) solicitation and consistent with the guidelines published in the Notice to Professional Consultants (NTPC).

Scope of Services Summary: The Scope of Services includes the provision of:

- Construction Material Testing (CMT) and Inspections.
- Asphalt and concrete testing and inspection services.
- Geotechnical exploration services.
- Soil and Foundation Testing services.
- Materials Testing and Inspections services.
- Roof Testing and Consulting.

Preferred Experience and Qualifications: Please refer to the attached Experience and Qualifications.

Contract Terms: The County intends to retain five (5) qualified consultant/team for five (5) separate non-exclusive Professional Services Agreements (PSA) each with an effective term of five (5) years, with one (1) five-year option to extend, for a total of 10 years (3650 days), or until the money is depleted, whichever comes first.

Participation Restrictions: Please refer to the attached Participation Restrictions.

Disadvantaged Business Enterprise Goal: On March 24, 2025, the Office of the Small Business Development (succeeded by Strategic Procurement Department's Project Review and Analysis Unit) established a 25% Disadvantaged Business Enterprise (DBE) applicable to this solicitation. On August 12, 2025, the DBE goal was reduced from 25% to 15%.

Advertisement Date: July 1, 2025

Number of Proposal(s) Received: Nine (9) proposals were received by the submittal deadline of August 25, 2025.

Name of Proposer(s): Please refer to the attached List of Respondents.

Strategic Procurement Department Compliance Review: The proposals submitted by Apex One Home Inspections Corp. and ECS Florida, LLC did not meet the prequalification/technical certification requirements pursuant to the NTPC and were deemed non-compliant. Consequently, their proposals were not evaluated by the Competitive Selection Committee.

Disadvantaged Business Enterprise Compliance Review: All seven (7) proposals were submitted for review on August 28, 2025. Please refer to the attached Compliance Review Memorandum dated September 16, 2025. However, effective October 3, 2025, the U.S. Department of Transportation (USDOT) issued an Interim Final Rule (IFR), suspending all DBE and ACDBE goals in solicitations until further notice.

Office of the Commission Auditor (OCA) Background Checks: SPD submitted Committee members' completed Neutrality Affidavits and resumes to OCA on September 22, 2025. A response was received on September 26, 2025. OCA submitted the results of the background checks to the Commission on Ethics and Public Trust (COE) for further review of findings. A response was received from COE regarding findings on October 28, 2025.

Office of the Inspector General (OIG) / Office of the Commission on Ethics and Public Trust (COE) Reports, Findings and/or Enforcement Documentation for Proposer and Subcontractor(s):

SPD submitted a request to OIG on August 28, 2025. A response was received on August 28, 2025, advising that no reports were located.

SPD submitted a request to COE on August 28, 2025. A response was received on September 2, 2025. The information was disseminated to the Competitive Selection Committee on October 30, 2025.

Selection Process: The Architectural and Engineering professional services solicitation process is a two-tiered selection process; First Tier is the evaluation of team members assigned to the project, firms' past experience of similar projects, firms' project staffing availability, and firms' performance data. The Second Tier is the evaluation of the shortlisted firms' qualifications of professional personnel and team members assigned to the project, knowledge of project scope and project approach, and proposer's project management methodology, as demonstrated through requested additional information and/or an oral presentation from firms.

Note: The Competitive Selection Committee may waive the Second Tier selection process by a majority vote and base their selection on the results of the First Tier ranking only.

First Tier Results: The First-Tier meeting was held on November 21, 2025. The Competitive Selection Committee was tasked with evaluating the experience and qualifications of the Proposers, and scoring and ranking the proposals in accordance with the evaluation criteria outlined in the solicitation. The Competitive Selection Committee scored all responsive proposals. Upon reviewing the evaluation reports, SPD identified that a Competitive Selection Committee member had submitted evaluation reports for a different project on which they also served. SPD staff informed the CSC members that the meeting would be reconvened at a later date to allow the Competitive Selection Committee member sufficient time to properly evaluate the correct proposals for this project. No scores were read into the record.

First Tier Reconvene: The reconvened First Tier meeting was held on December 9, 2025. The Competitive Selection Committee scored all responsive proposals. During the evaluation process, all ties were broken using the standard tie-breaking procedure, as described in Section 3.3, Proposal Evaluation, of the NTPC. Please refer to the attached First Tier Tabulation Sheet.

Second Tier Results: Based on the Competitive Selection Committee's professional judgement, the information provided in the proposals was deemed sufficient to determine the experience and

qualifications of the Proposers. As a result, and by a majority vote, the Competitive Selection Committee decided to forego Second Tier proceedings.

Special Circumstances: The Competitive Selection Committee's submittal of Neutrality Affidavits and Resumes resulted in a delay of 13 days; the DBE memo also resulted in a delay of nine days; and the First Tier meeting had to be reconvened as specified above which resulted in a delay of 6 days.

Administrative Leave Eligibility: The following County employees served as scoring members of the Committee and timely completed all committee-related duties, including submittal of the Neutrality Affidavit within three business days from Selection Committee Coordinator's notification dated August 28, 2025; initial scoring within 30 days of Selection Committee Coordinator's completion of required reviews; and are hereby entitled to one (1) day of paid administrative leave pursuant to Implementing Order (I.O.) No. 3-34:

Employee's Name	Employee's Department
Cindy Garcia-Lynskey	MDAD
Carolina Trujillo-Diaz	Water and Sewer Department
Kyle Kincaid	Community Services Department
Edward Villareal	Miami Dade Fire Rescue Department

One Committee member did not qualify for administrative leave, as the Neutrality Affidavit was submitted after the timeframe.

Request for Selection of Negotiation Team: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County and I.O. 3-39, the Strategic Procurement Department hereby requests the County Mayor or County Mayors' designee approve the following Negotiation Team:

Francela Reyes, A&E Consultant Selection Coordinator, SPD will be the Negotiation Team Coordinator.

Negotiation Team:

Sylvia Novela, Aviation Assistant Director Procurement & Materials Management, MDAD
Richard Cabrera, Chief North Terminal Development Facilities Development, MDAD
Julissa Arocha, Aviation Senior Procurement Contracting Officer, MDAD

Technical and operational assistance and feedback will be requested from appropriate staff as needed during the negotiation process.

Request for Authorization to Enter Negotiations: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, it is hereby requested that the County Mayor or County Mayor's designee approve the selection of the following firms for the purpose of negotiating five (5) non-exclusive Professional Services Agreement for this solicitation, in accordance with the Competitive Selection Committee's recommendation:

RANKING OF FIRMS

PROFESSIONAL SERVICE INDUST INC

Final Ranking – 1

Total Adjusted Ordinal Score – 6

Total Adjusted Qualitative Points – 360

TERRACON CONSULTANTS INC

Final Ranking – 2
Total Adjusted Ordinal Score – 10
Total Adjusted Qualitative Points – 348

NV5 INC

Final Ranking – 3
Total Adjusted Ordinal Score – 12
Total Adjusted Qualitative Points – 342

BLASCOM ENGINEERING INC

Final Ranking – 4
Total Adjusted Ordinal Score – 16
Total Adjusted Qualitative Points – 335

WINGERTER LABORATORIES INC

Final Ranking – 5
Total Adjusted Ordinal Score – 16
Total Adjusted Qualitative Points – 333

The following firms will serve as alternates:

TIERRA SOUTH FLORIDA INC

Final Ranking – 6
Total Adjusted Ordinal Score – 19
Total Adjusted Qualitative Points – 317

H2R CORP

Final Ranking – 7
Total Adjusted Ordinal Score – 20
Total Adjusted Qualitative Points – 311

Pursuant to the Cone of Silence legislation included in the Conflict of Interest and Code of Ethics Ordinance, and Section 2-11.1 of the County Code, the County Mayor or County Mayor's designee will report to the Board of County Commissioners any of the following instances:

- When negotiations do not commence, or other affirmative action is not taken, within 30 days of the CSC's recommendation.
- When the County Mayor's or County Mayor's designee's recommendation to award or reject is not made within 90 days from the date of the CSC's recommendation.

If approved, the Negotiation Team will proceed with contract negotiations in accordance with Section 2-10.4(6) of the Code of Miami-Dade County, and submit the signed contracts to be presented to the Board of County Commissioners for final approval, no later than 60 days from the date of this memorandum.

If satisfactory agreements cannot be reached within the 60 day period, a report is required to be prepared explaining all issues resulting from the negotiations. If negotiations are proceeding within

a reasonable timeframe, then negotiations will continue and the report will be submitted upon completion. The final contracts and report should be sent to the Strategic Procurement Department, Architectural and Engineering Unit.

Approved:

Rita Silva for

Namita Uppal
Director and Chief Procurement Officer

1/2/26

Date

Attachments:

1. Preferred Experience and Qualifications
 2. Participation Restrictions
 3. List of Respondents
 4. SBE Compliance Review
 5. First Tier Tabulation Sheet
- c: Competitive Selection Committee
Clerk of the Board of County Commissioners

PREFERRED EXPERIENCE AND QUALIFICATIONS

It is preferred that the prime and/or sub consultant(s) have 10 years of experience within the last 20 years in testing and inspecting materials for various structures, roadways, utilities in airports/airside environments.

The expertise must be met by a qualified individual(s) of the prime and/or sub-consultant firm(s), as applicable. The experience must be demonstrated by direct or substantial involvement of the individual(s) in a supervisory capacity at the Project Manager level or above. The determination of the individual's qualifications and compliance with the experience and qualifications and preference stipulations shall be at the sole discretion of the County. The Competitive Selection Committee (CSC) may negatively evaluate proposals from firms they determine have failed to meet the above referenced experience and qualification(s). Information regarding the experience and qualification(s) and preference stipulations, for the Prime consultant, A/E sub-consultants, and non A/E sub-consultants, must be included in SPD Form No. 11, this form may be submitted more than once per individual Team member firm as applicable

PARTICIPATION RESTRICTIONS

Hill International, Inc., awarded under SPD Contract A18-MDAD-01A, Capital Improvement Program Specialized Services is precluded from rendering services on this project. Turner & Townsend Heery, LLC., awarded SPD Contract No. A18-MDAD-01B, Capital Improvement Program Specialized Services is precluded from rendering services on this project. Subconsultants of the Prime Firms awarded under SPD Contract No. A18-MDAD-01A and A-18-MDAD-01B may compete to participate in a future CIP project, as a Prime or Sub Consultant, if such project will not be managed by their respective team under SPD Project No. A18-MDAD-01.

The Prime Consultant, HNTB Corporation, awarded SPD Contract No. E20-MDAD-01, Bond Engineering Consulting Services, and its subconsultants are precluded from rendering services on this project.



MIAMI DADE COUNTY STRATEGIC PROCUREMENT DEPARTMENT

LIST OF RESPONDENTS

Project Name: Facilities Development Construction Materials Testing Services

Project No.: E24AV03

Measures: 15% DBE Aspirational Goal

No. of Agreements: 5

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 08/25/2025

Team No.: 1

Prime Name: APEX ONE HOME INSPECTIONS CORP

FEIN No.: 471589617

Trade Name:

Team No.: 2

Prime Name: ECS Florida, LLC

FEIN No.: 201067793

Trade Name:

Sub-Consultants Name

a. CONEMCO ENGINEERING, INC

Trade Name

CONEMCO CONSULTANTS

Subs FEIN No.

262216389

Team No.: 3

Prime Name: NV5 INC

FEIN No.: 271979486

Trade Name:

Sub-Consultants Name

a. GEOSOL INC

b. PREMIERE DESIGN SOLUTIONS INC

Trade Name

Subs FEIN No.

650997886

260571068

Team No.: 4

Prime Name: WINGERTER LABORATORIES INC

FEIN No.: 590594442

Trade Name:

Sub-Consultants Name

a. GCES ENGINEERING SERVICES LLC

b. ATC GROUP SERVICES LLC

Trade Name

Subs FEIN No.

461012695

460399408

Team No.: 5

Prime Name: PROFESSIONAL SERVICE INDUST INC

FEIN No.: 370962090

Trade Name:

Sub-Consultants Name

a. HR ENGINEERING SERVICES INC

b. DIAZ-MURPHY AND ASSOCIATES CES LLC

c. CTI CONSTRUCTION TESTING & INSPECTION INC

Trade Name

Subs FEIN No.

650849633

814325274

651094124



MIAMI DADE COUNTY STRATEGIC PROCUREMENT DEPARTMENT

LIST OF RESPONDENTS

Project Name: Facilities Development Construction Materials Testing Services

Project No.: E24AV03

Measures: 15% DBE Aspirational Goal

No. of Agreements: 5

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 08/25/2025

Team No.: 6

Prime Name: TIERRA SOUTH FLORIDA INC

FEIN No.: 200282450

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

a. NOVA ENGINEERING & ENVIRONMENTAL LLC

260347209

b. EXP US SERVICES INC

460523964

Team No.: 7

Prime Name: BLASCOM ENGINEERING INC

FEIN No.: 461661962

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

a. ATC GROUP SERVICES LLC

460399408

b. NOVA ENGINEERING & ENVIRONMENTAL LLC

260347209

c. HR ENGINEERING SERVICES INC

650849633

Team No.: 8

Prime Name: TERRACON CONSULTANTS INC

FEIN No.: 421249917

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

a. AREHNA ENGINEERING INC

263947444

b. GCES ENGINEERING SERVICES LLC

461012695

Team No.: 9

Prime Name: H2R CORP

FEIN No.: 812654817

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

a. EXP US SERVICES INC

460523964

b. NOVA ENGINEERING & ENVIRONMENTAL LLC

260347209

c. PACIFICA ENGINEERING SERVICES, LLC

822566399

Memorandum



DATE: September 16, 2025

TO: Namita Uppal, Director
Strategic Procurement Department

FROM: Laurie Johnson, Section Chief *Laurie Johnson*
Project Review & Analysis Unit

SUBJECT: Compliance Review
Project No. E24AV03 - Revised
Facilities Development Construction Materials Testing Services

The Project Review & Analysis Unit (PRA), a division of The Strategic Procurement Department (SPD) has completed its review pursuant to requirements of Federal Regulations 49 CFR Part 26. The contract measure established for this project is a 15% Disadvantage Business Enterprise (DBE) participation goal.

The A&E Unit submitted nine proposals for the following consultant teams: Apex One Home Inspections Corp (1), ECS Florida, LLC (2), NV5 Inc. (3), Wingerter Laboratories Inc. (4), Professional Service Indust Inc. (5), Tierra South Florida Inc (6), Blascom Engineering Inc (7), Terracon Consultants Inc (8), and H2R Corp (9) committed to the project's 15% DBE measure. Two consulting team, Apex One Home Inspections Corp, and ECS Florida, LLC was eliminated by the A&E Unit based on technical certification requirements.

Seven proposals included the following: Form 1 - DBE Utilization form, Form 2 – Letter of Intent, Form 3 DBE Regular Dealer/Distributor Affirmation form, DBE Contract Participation form, and Bidder's List for the firms listed below, acknowledging the project's DBE measure. The following is the pre-award compliance status and summary.

FIRM

NV5, Inc.
Wingerter Laboratories, Inc.
Professional Service Industries, Inc.
Tierra South Florida, Inc.
Blascom Engineering, Inc.
Terracon Consultants, Inc.
H2R, Corp.

STATUS:

Compliant
Compliant
Compliant
Compliant
Compliant
Compliant
Compliant

SUMMARY:

NV5, Inc. (#3), a non-certified DBE firm, committed to utilizing the following DBE certified firms: Geosol, Inc. to provide Engineering Services, and Testing Laboratories Services at 7.50%, and Premiere Design Solutions, Inc., to provide Engineering Services and Surveying & Mapping/Utilities at 7.50% for a total of 15%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

NV5, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Wingerter Laboratories, Inc. (#4), a non-certified DBE firm, committed to utilizing GCES Engineering Services, LLC., a certified DBE firm, to provide Geotechnical and Materials Engineering Services for a total of 15%. The certified DBE sub-consultant confirmed its participation by signing the DBE forms and are in agreement with the measure.

Wingerter Laboratories, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Professional Service Industries, Inc. (#5), a non-certified DBE firm, committed to utilizing the following certified DBE firms: HR Engineering Services, Inc. to provide Geotechnical and Materials Engineering Services at 25%; and Diaz-Murphy and Associates CES, LLC., to provide Materials Testing at 25% for a total of 50%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Professional Service Industries, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Tierra South Florida Inc. (#6), a certified DBE firm, committed to self-perform Geotechnical and Materials Engineering Services at 85% to meet the assigned project's measure. The certified DBE firm confirmed its participation by signing the DBE forms and are in agreement with the project's measure.

Tierra South Florida, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Blascom Engineering, Inc., (#7) a certified DBE firm, committed to self-perform Geotechnical and Materials Engineering Services at 75%, and to utilize HR Engineering Services, Inc., a certified DBE firm, to provide Geotechnical and Materials Engineering Services at 5% for a total of 80%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Blascom Engineering, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Terracon Consultants, Inc., (#8) a non-certified DBE firm, committed to utilizing the following certified DBE firms: AREHNA Engineering, Inc. to provide Geotechnical and Materials Engineering & Testing Services at 7.50%, and GCES Engineering Services, LLC to provide Construction Materials Testing at 7.50% for a total of 15%. The certified DBE sub-consultants confirmed their participation by signing the DBE forms and are in agreement with the measure.

Terracon Consultants, Inc. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

H2R, Corp., (#9) a certified DBE firm, submitted a Utilization Plan (UP), committed to self-perform Geotechnical Engineering Services for a total of 100%. The certified DBE firm confirmed its participation by signing the DBE forms and are in agreement with the measure.

H2R, Corp. has satisfied the 15% DBE sub-consultant goal and is in compliance with the overall DBE measure established for this contract.

Please note that Project Review and Analyst staff reviewed and addressed compliance with Federal Regulations 49 CFR Part 26 only.

Should you have any questions or need any additional information, please do not hesitate to contact Gayna Mc Donald, Capital Improvement Project Analyst, at (305) 375-3135.

c: A. Ragin, Aviation Strategic Advisor, MDAD
 F. Reyes, A/E Consultant Selection Coordinator, SPD

RECONVENE FIRST TIER MEETING											
DECEMBER 9, 2025											
MIAMI-DADE AVIATION DEPARTMENT											
FACILITIES DEVELOPMENT CONSTRUCTION MATERIALS TESTING SERVICES											
Isaac Smith (MDAD)											
Cindy Garcia Lynskey (MDAD)											
Edward Villareal (MDFR)											
Kyle Kincaid (CAHSD)											
Carolina Trujillo-Diaz (WASD)											
SUB-TOTAL											
TOTAL & ADJ. QUALITATIVE SCORE											
TOTAL ADJ. ORDINAL SCORES											
ORDINAL RANKING											
FINAL RANK											

TABULATION SHEET											
SPD PROJECT NO. E24AV03											
NAME OF FIRM(S)											
1 APEX ONE HOME INSPECTIONS CORP (ELIMINATED)											
2 ECS FLORIDA, LLC (ELIMINATED)											
3 NV5 INC											
CRITERIA EVALUATED BY CSC											
1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)											
2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)											
3A - Past Performance for the Firms (Min. 1 / Max. 15 points)											
4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)											
CRITERIA ASSIGNED BY SPD STAFF											
5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)											
Ordinal Scores											
Dropped Highest Ordinal Score											
Dropped Lowest Qualitative Score											
Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A											
4 WINGERTER LABORATORIES INC											
CRITERIA EVALUATED BY CSC											
1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)											
2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)											
3A - Past Performance for the Firms (Min. 1 / Max. 15 points)											
4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)											
CRITERIA ASSIGNED BY SPD STAFF											
5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)											
Ordinal Scores											
Dropped Highest Ordinal Score											
Dropped Lowest Qualitative Score											
Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A											
333											
16											
4											
5											

RECONVENE FIRST TIER MEETING									
DECEMBER 9, 2025									
MIAMI-DADE AVIATION DEPARTMENT									
FACILITIES DEVELOPMENT CONSTRUCTION MATERIALS TESTING SERVICES									
COMPETITIVE SELECTION COMMITTEE									
Isaac Smith (MDAD)					Cindy Garcia Lynskey (MDAD)				
Edward Villareal (MDFR)					Kyle Kincaid (CAHSD)				
Carolina Trujillo-Diaz (WASD)									
SUB-TOTAL					TOTAL & ADJ. QUALITATIVE SCORE				
TOTAL ADJ. ORDINAL SCORES					ORDINAL RANKING				
FINAL RANK									
TABULATION SHEET									
SPD PROJECT NO. E24AV03									
PROFESSIONALSERVICE INDUST INC									
CRITERIA EVALUATED BY CSC									
1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)									
2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)									
3A - Past Performance for the Firms (Min. 1 / Max. 15 points)									
4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)									
CRITERIA ASSIGNED BY SPD STAFF									
5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)									
Ordinal Scores									
Dropped Highest Ordinal Score									
Dropped Lowest Qualitative Score									
Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A									
TIERRA SOUTH FLORIDA INC									
CRITERIA EVALUATED BY CSC									
1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)									
2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)									
3A - Past Performance for the Firms (Min. 1 / Max. 15 points)									
4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)									
CRITERIA ASSIGNED BY SPD STAFF									
5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)									
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Dropped Highest Ordinal Score									
Dropped Lowest Qualitative Score									
Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A									

RECONVENE FIRST TIER MEETING																																									
DECEMBER 9, 2025																																									
COMPETITIVE SELECTION COMMITTEE																																									
MAMI-DADE AVIATION DEPARTMENT FACILITIES DEVELOPMENT CONSTRUCTION MATERIALS TESTING SERVICES																																									
TABULATION SHEET SPD PROJECT NO. E24AV03						Isaac Smith (MDAD)				Cindy Garcia Lynskey (MDAD)		Edward Villareal (MDFR)		Kyle Kincaid (CAHSD)		Carolina Trujillo-Diaz (WASD)		SUB-TOTAL		TOTAL & ADJ. QUALITATIVE SCORE		TOTAL ADJ. ORDINAL SCORES		ORDINAL RANKING		FINAL RANK															
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												12		14		13		15		8		62																			
												4		4		5		4		4		21																			
7						BLASCOM ENGINEERING INC						CRITERIA EVALUATED BY CSC																													
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						2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)																																			
						3A - Past Performance for the Firms (Min. 1 / Max. 15 points)																																			
						4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)																																			
						CRITERIA ASSIGNED BY SPD STAFF																																			
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						Ordinal Scores																																			
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						Dropped Highest Ordinal Score																																			
						Dropped Lowest Qualitative Score																																			
						Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A																																			
8						TERRACON CONSULTANTS INC						CRITERIA EVALUATED BY CSC																													
						1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)																																			
						2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)																																			
						3A - Past Performance for the Firms (Min. 1 / Max. 15 points)																																			
						4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)																																			
						CRITERIA ASSIGNED BY SPD STAFF																																			
						5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)																																			
						Ordinal Scores																																			
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						83						86						90						87						85											
						Dropped Highest Ordinal Score																																			
						Dropped Lowest Qualitative Score																																			
						348																																			
						10						2						2																							
						Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A																																			

RECONVENE FIRST TIER MEETING
DECEMBER 9, 2025

MIAMI-DADE AVIATION DEPARTMENT
FACILITIES DEVELOPMENT CONSTRUCTION MATERIALS TESTING SERVICES

TABULATION SHEET
SPD PROJECT NO. E24AV03

COMPETITIVE SELECTION COMMITTEE

Isaac Smith (MDAD)

Cindy Garcia Lynskey (MDAD)

Edward Villareal (MDFR)

Kyle Kincaid (CAHSD)

Carolina Trujillo-Diaz (WASD)

SUB-TOTAL

TOTAL & ADJ. QUALITATIVE SCORE**TOTAL ADJ. ORDINAL SCORES**

ORDINAL RANKING

FINAL RANK

9 | H2R CORP

CRITERIA EVALUATED BY CSC

1A - Qualification of the Team Members Assigned to the Project (Min. 1 / Max. 40 points)

2A - Past Experience of Similar Projects (Min. 1 / Max. 30 points)

3A - Past Performance for the Firms (Min. 1 / Max. 15 points)

4A - Firm's Project Staffing Availability, and Ability to Meet Time and Budget (Min. 1 / Max. 5 points)

CRITERIA ASSIGNED BY SPD STAFF

5A - Amount of Work Awarded and Paid by The County (Min. 1 / Max. 5 points)

Ordinal Scores

Dropped Highest Ordinal Score

Dropped Lowest Qualitative Score

Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A

Francela Reyes, A/E Coordinator

Attachment D

Contractor Evaluations Report

Evaluation Date Start:

End:

Get Report

Exit

Print



Capital Improvements Information System

Contractor Evaluations Report (All Contracts)

<u>Dept</u>	<u>Contract</u>	<u>Type</u>	<u>Contractor / Architect Name</u>	<u>Date</u>	<u>Rater</u>	<u>Period</u>	<u>Rate</u>
AV	E06-PW-020	PSA	Terracon Consultants, Inc.	7/30/2014	Juan Carlos Arteaga	Project conclusion or closeout	4.0
LB	EDP-LB-CGRF-1	EDP	Terracon Consultants, Inc.	11/12/2020	Marlene Blanco	Project conclusion or closeout	3.9
LB	EDP-LB-18401-20	EDP	Terracon Consultants, Inc.	1/26/2026	Jesus Sanchez	Project conclusion or closeout	3.6
LB	EDP-LB-CGRF-1	EDP	Terracon Consultants, Inc.	3/25/2019	Alice Arguelles	Completion of study or design	4.0
PW	20060089-Terracon	PSA	Terracon Consultants, Inc.	10/28/2014	Brian Trujillo, P.E.	Completion of study or design	3.9
SW	EDP-SW-19M002	EDP	Terracon Consultants, Inc.	6/2/2021	Patricia Cicero	Interim	3.0
SW	EDP-SW-19M002	EDP	Terracon Consultants, Inc.	6/24/2025	YOLANDA BETANCOURT	Project conclusion or closeout	3.0
SW	EDP-SW-17945-21	EDP	Terracon Consultants, Inc.	1/5/2026	RAVI SHANKAR KADAMBALA	Project conclusion or closeout	3.8
WS	E15-WASD-13 B WO: 030	PSA	Terracon Consultants, Inc.	8/25/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 006 Rev 01	PSA	Terracon Consultants, Inc.	8/26/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 019	PSA	Terracon Consultants, Inc.	9/8/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	EDP-WS-364	EDP	Terracon Consultants, Inc.	10/12/2021	Alex Retamar	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 81	PSA	Terracon Consultants, Inc.	1/31/2022	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 116	PSA	Terracon Consultants, Inc.	2/22/2022	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 024	PSA	Terracon Consultants, Inc.	4/25/2022	Huren An (Jeff)	Completion of study or design	3.5
WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	6/15/2018	Daniel Edwards	Completion of construction	4.0
WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	7/24/2018	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 021	PSA	Terracon Consultants, Inc.	11/26/2018	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 032	PSA	Terracon Consultants, Inc.	3/1/2019	James Ferguson	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 033	PSA	Terracon Consultants, Inc.	3/22/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 B WO: 093	PSA	Terracon Consultants, Inc.	11/18/2020	Amanda Kinnick	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 092	PSA	Terracon Consultants, Inc.	11/18/2020	Amanda Kinnick	Completion of study or design	4.0
WS	E15-WASD-13 B	PSA	Terracon Consultants, Inc.	12/29/2020	Rolando M Roque	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 79	PSA	Terracon Consultants, Inc.	3/3/2021	Juan Curiel, P.E.	Completion of study or design	3.6
WS	E15-WASD-13 B WO: 034	PSA	Terracon Consultants, Inc.	3/28/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 B WO: 051	PSA	Terracon Consultants, Inc.	6/25/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 052	PSA	Terracon Consultants, Inc.	6/27/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 038	PSA	Terracon Consultants, Inc.	7/2/2019	Huren An (Jeff)	Project conclusion or closeout	4.0
WS	E15-WASD-13 B WO: 067	PSA	Terracon Consultants, Inc.	7/16/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 62	PSA	Terracon Consultants, Inc.	7/24/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 55	PSA	Terracon Consultants, Inc.	8/20/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 022	PSA	Terracon Consultants, Inc.	8/20/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 058	PSA	Terracon Consultants, Inc.	9/18/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 018	PSA	Terracon Consultants, Inc.	11/27/2019	James Ferguson	Project conclusion or closeout	3.0

WS	E15-WASD-13 B WO: 063	PSA	Terracon Consultants, Inc.	1/9/2020	Gary Clarke	Project conclusion or closeout 3.2
WS	E15-WASD-13 B WO: 66	PSA	Terracon Consultants, Inc.	2/26/2020	Juan Curiel, P.E.	Project conclusion or closeout 3.5
WS	E15-WASD-13 B WO: 027	PSA	Terracon Consultants, Inc.	4/23/2020	Huren An (Jeff)	Completion of study or design 3.4
WS	E15-WASD-13 B	PSA	Terracon Consultants, Inc.	4/23/2020	Gary Clarke	Project conclusion or closeout 3.2
WS	E15-WASD-13 B WO: 028	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.3
WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.3
WS	E15-WASD-13 B WO: 004	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.3
WS	E15-WASD-13 B WO: 003	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 76	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.7
WS	E15-WASD-13 B WO: 026	PSA	Terracon Consultants, Inc.	5/4/2020	Huren An (Jeff)	Completion of study or design 3.4
WS	E15-WASD-13 B WO: 023	PSA	Terracon Consultants, Inc.	5/5/2020	Huren An (Jeff)	Completion of study or design 3.0
WS	E15-WASD-13 B WO: 029	PSA	Terracon Consultants, Inc.	5/5/2020	Huren An (Jeff)	Completion of study or design 4.0
WS	E15-WASD-13 B WO: 56	PSA	Terracon Consultants, Inc.	5/6/2020	Huren An (Jeff)	Completion of study or design 3.7
WS	E15-WASD-13 B WO: 60	PSA	Terracon Consultants, Inc.	5/6/2020	Huren An (Jeff)	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 042	PSA	Terracon Consultants, Inc.	5/18/2020	Miguel Pichardo	Project conclusion or closeout 4.0
WS	E15-WASD-13 B WO: 014	PSA	Terracon Consultants, Inc.	5/27/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 68	PSA	Terracon Consultants, Inc.	5/29/2020	Juan Curiel, P.E.	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 014	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 011	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 013	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 78	PSA	Terracon Consultants, Inc.	8/18/2020	RAUL ESPERON	Project conclusion or closeout 4.0

Evaluation Count: 55 Contractors: 1 Average for all Evaluations: 3.6 Average for Completion Evaluations: 3.6

Print Exit

Attachment E

A&E Firm History Report

Vendor Profile: Contract Assignments



General	Public Profile	Business Highlights	Users	Commodity Codes	Contacts & Owners	Comments	Certifications	Contracts	Concessions	Site Visits
Workforce Comp/EEO	EDP Registrations	Docs	Reports							

Terracon Consultants, Inc.

System Vendor Number: **20052084**[Mark As Favorite](#)[View Summary](#)To **resort** click on column title. To **filter** click on the drop down menu.[Refresh Table](#) [Reset Filters](#) [Download](#)

Assignment Type	Status	Contract Number & Title	Prime Contractor	Assigned Contacts	Dates	Current Value	Paid To Date
All ▼	All ▼	All ▼		All ▼			
Prime	Open	0000009485: Battery-Electric Buses 60ft		Karen Ward	1/31/2023 - 1/24/2028	\$0	\$156,982,391
Prime	Open	0000012654: PJ# 20210180 WO# 2 Blue Lagoon		HUGO E SOTO	10/3/2023 - 12/31/2024	\$0	\$0
Prime	Open	0000014953: BILL SADOWSKI ASBESTOS TESTING		HUGO E SOTO	1/17/2024 - 12/31/2025	\$0	\$4,396
Prime	Open	0000017840: JL(JOE) AND ENID DEMPS PK		HUGO E SOTO	4/22/2024 - 12/31/2025	\$0	\$0
Prime	Closed	6969-0/14 0006: WELL DRILLING SVCS(MONITORING WELLS)PREQ		Sheree Brown	6/1/2012 - 8/31/2019	\$0	\$15,000
Prime	Open	C21TCI002: Non-Exclusive Professional Service (E20-WASD-02B)		Javier Jimenez	3/3/2022 - 3/3/2027	\$4,400,000	\$1,136,198
Prime	Closed	E15-PWWM-08 0008: NF- MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES		Hugo E. Soto	12/6/2016 - 12/5/2019	\$0	\$207,917
Prime	Closed	E15-PWWM-09 0010: MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE MATERIALS TESTING/CONSULTING/TRAINING SERVICES		Hugo E. Soto	11/1/2016 - 10/31/2019	\$0	\$66,895
Prime	Closed	E15-WASD-13 0003: NF- GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBU		Hugo E. Soto	10/3/2016 - 12/31/2019	\$2,200,000	\$2,109,954
Prime	Open	E19-DTPW-06 TERRACON: Geotechnical Testing		HUGO E SOTO	10/28/2022 - 12/31/2026	\$0	\$252,322
Prime	Open	E19-DTPW-06.20210180.WO1: Soils, Foundation, & Geotech		HUGO E SOTO	2/24/2023 - 12/31/2026	\$0	\$1,186

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Prime	Open	E19-DTPW-06.69110118001: CHARLES BURR SOILS/GEOTECH		HUGO E SOTO	4/13/2022 - 12/31/2026	\$0	\$1,172
Prime	Open	E19-DTPW-06TERRACON: Geotechnical, Density Testing		SOTO HUGO E	10/28/2022 - 12/31/2025	\$49,717	\$58,734
Prime	Open	E19-DTPW-07 TERRA-WO 1: CT-F Diamond Bldg		HUGO E SOTO	9/10/2023 - 12/31/2025	\$0	\$2,682
Prime	Closed	EDP-ID-T-S160668: NF-FUMD ICE PLANT FLOOR VIBRATION STUDY		Hugo E. Soto	12/1/2016 - 12/31/2019	\$5,400	\$5,322
Prime	Closed	EDP-ID-T-Z000130-1: NF- ISD/FUMD/DATA CENTER ABATEMENT OF HAZARDOUS MATERIALS		Hugo E. Soto	11/23/2016 - 12/31/2019	\$28,000	\$12,351
Prime	Open	EDP-ID-W190023: ITD - 3rd Floor Asbestos Survey.		Hugo E. Soto	5/29/2020 - 5/29/2025	\$2,894	\$0
Prime	Open	EDP-ID-W20CMT01: Multiple Construction Materials Testing Services		Hugo E. Soto	8/12/2020 - 8/12/2025	\$200,000	\$62,049
Prime	Open	EDP-ID-W20MA01: Multiple Mold Assessment & Indoor Air Quality Services		Hugo E. Soto	8/14/2020 - 8/14/2025	\$200,000	\$136,638
Prime	Open	EDP-LB-18401-20: Roof Replacement Design and Engineering Services		Hugo E. Soto	3/10/2020 - 3/10/2025	\$200,000	\$43,455
Prime	Closed	EDP-LB-CGRF-1: Assessment Coconut Grove Library Roof		Hugo E. Soto	9/18/2018 - 9/18/2023	\$63,110	\$4,284
Prime	Open	EDP-SW-17945-21: 3B TRUCK WASH ROOF REPAIRS		Hugo E. Soto	2/17/2021 - 2/17/2026	\$27,550	\$27,481
Prime	Open	EDP-SW-19M002: FEMA ROOF REPAIRS MULTIPLE SITES		Hugo E. Soto	3/25/2019 - 3/25/2024	\$117,345	\$115,262
Prime	Closed	EDP-WS-364: Replacement of 12 " and 18" FM on NE 183rd St. and Island Blvd. from PS499 to PS471 (HR).		Hugo E. Soto	7/14/2020 - 7/14/2025	\$71,702	\$0
Prime	Open	EDP-WS-SR-371: Soil, Foundations and Material Testing Services - Joint Participation Agreement FDOT		Hugo E. Soto	3/30/2021 - 3/30/2026	\$87,906	\$0
Subcontractor (Tier 1)	Open	18482-DSWM22-DCP: PSA FOR WTE PLANT - E22-DSWM-02	AtkinsRealis USA Inc.	HUGO E SOTO	1/2/2024 - 12/30/2033	\$325,000	\$0
Subcontractor (Tier 1)	Open	20220112 CC: PSA Rickenbacker Bridge PD&E (E22-DTPW-03)	AtkinsRealis USA Inc.	Hugo E. Soto	9/3/2024 - 12/31/2029	\$25,000	\$0
Subcontractor (Tier 1)	Open	A15-PROS-05 GOB: NF-PROS FULL SERVICES PSA - REGION C	M.C. HARRY & ASSOCIATES INC	Hugo E. Soto	5/1/2017 - 4/30/2027	\$0	\$10,598
Subcontractor (Tier 1)	Open	CIP215-DTPW19-DE (6): Professional Svc for DTPW Proj - A19-DTPW-01	AECOM Technical Services, Inc. DBA AECOM	Carolyn Alvarez	4/8/2021 - 5/20/2026	\$0	\$0
Subcontractor (Tier 1)	Open	CIP215-DTPW19-DE (6)-FDOT: Professional Svc for DTPW Proj - A19-DTPW-01	AECOM Technical Services, Inc. DBA AECOM	Richard Miles	4/7/2021 - 5/20/2026	\$0	\$0
Subcontractor (Tier 1)	Open	CIP215-DTPW19-DE (6)-FTA: Professional Svc for DTPW Proj - A19-DTPW-01	AECOM Technical Services, Inc. DBA AECOM	Carolyn Alvarez	4/6/2021 - 5/20/2026	\$0	\$0
Subcontractor (Tier 1)	Open	CIP215-DTPW19-DE(4)-FDOT: Prof. Svcs. for Transit & PW	HNTB Corporation	Carolyn Alvarez	4/14/2022 - 4/11/2027	\$0	\$0

Subcontractor (Tier 1)	Open	CIP240-DTPW20-DE (3) CC: PSA Bridge Engineering Project	WSP USA Inc. [*]	PAUL A. TARVIN, P.E.	10/24/2022 - 12/31/2027	\$0	\$0
Subcontractor (Tier 1)	Open	E08-DERM-01 0002: PROFESSIONAL SERVICES AGREEMENTS FOR ENVIRONMENTAL CLEANUP, COMPLIANCE AND RELATED SERVICES FOR MIAMI-DADE COUNTY FACILITIES (SIC 871)	Cherokee Enterprises, Inc.	Hugo E. Soto	3/3/2009 - 3/17/2014	\$0	\$0
Subcontractor (Tier 1)	Closed	E09-DERM-01 0002: PROFESSIONAL SERVICES AGREEMENTS FOR ENVIRONMENTAL CLEANUP, COMPLIANCE AND RELATED SERVICES (SIC 871)	Cherokee Enterprises, Inc.	Hugo E. Soto	5/4/2010 - 6/14/2015	\$0	\$360
Subcontractor (Tier 1)	Closed	E13-MDAD-02: PAVEMENT MANAGEMENT SYSTEM (SIC 871)	AECOM Technical Services, Inc. DBA AECOM	Hugo E. Soto	6/3/2014 - 6/3/2020	\$0	\$0
Subcontractor (Tier 1)	Closed	E13-SEA-01: NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT FOR CIVIL INFRASTRUCTURE ENGINEERING SERVICES (SIC 871)	WSP USA Inc. [*]	Hugo E. Soto	1/21/2015 - 6/2/2018	\$0	\$83,835
Subcontractor (Tier 1)	Open	E13-WASD-05: NF-DESIGN SERVICES FOR WASTEWATER TREATMENT PLANTS RELATED TO THE CONSENT DECREE PROJECTS (SIC 871)	Stantec Consulting Services, Inc.	Hugo E. Soto	12/16/2014 - 12/30/2024	\$0	\$158,945
Subcontractor (Tier 1)	Open	E14-MDAD-02: INSPECTION SERVICES AND ENVIRONMENTAL OVERSIGHT	NOVA CONSULTING, INC.	Hugo E. Soto	4/29/2016 - 4/29/2022	\$0	\$0
Subcontractor (Tier 1)	Open	E15-DTPW-04: PROFESSIONAL SERVICES FOR ENGINEERING SERVICES FOR MIAMI-DADE	WSP USA Inc. [*]	Hugo E. Soto	3/7/2017 - 3/6/2022	\$0	\$2,614
Subcontractor (Tier 1)	Closed	E15-MDT-03 0002: CONTINUOUS PROFESSIONAL SERVICES FOR FEDERALLY FUNDED PROJECTS	HNTB Corporation	Hugo E. Soto	2/7/2017 - 2/6/2022	\$0	\$0
Subcontractor (Tier 1)	Closed	E15-PWWM-02: NF-CONSTRUCTION ENGINEERING AND INSPECTION SERVICES & FLORIDA DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAM COMPLIANCE SERVICES FOR TAMiami CANAL BRIDGE REPLACEMENT	PINNACLE CONSULTING ENTERPRISES, INC.	Hugo E. Soto	5/17/2016 - 12/31/2019	\$0	\$8,112
Subcontractor (Tier 1)	Open	E16-MDAD-09: MIA CENTRAL BASE APRON AND UTILITIES MODIFICATIONS AND EXPANSION	AtkinsRealis USA Inc.	Hugo E. Soto	3/7/2017 - 3/7/2023	\$0	\$186,424
Subcontractor (Tier 1)	Open	E16-WASD-03 0001: NF-DESIGN SERVICES FOR WASTEWATER TREATMENT PLANTS RELATED TO THE OCEAN OUTFALL LEGISLATION PROJECTS	Brown and Caldwell	Kevin Langwell	7/18/2017 - 3/30/2022	\$15,000	\$17,796
Subcontractor (Tier 1)	Open	E18-SEA-01(B): NON EXC-PSA-MARINE INFRASTR.ENG.SERVICES	WSP USA Inc. [*]	Rutu H. Nulkar HUGO E SOTO	10/29/2019 - 10/29/2024	\$0	\$165,357
Subcontractor (Tier 1)	Open	E18-SEA-04 (A) CC: Civil Infrastructure PSA	WSP USA Inc. [*]	Carolyn Alvarez	12/8/2021 - 10/5/2026	\$53,460	\$33,338
Subcontractor	Open	E23-AV-02C: General Civil	AtkinsRealis	HUGO E SOTO	7/2/2024 -	\$50,184	\$0

(Tier 1)		Engineering Serv	USA Inc.		7/2/2030		
Subcontractor	Open	EDP-CU-CALEB: A/E Services for the Joseph Caleb Auditorium Expansion Project	Diaz, Carreno, Scotti & Partners, Inc.	TERRY P BAUD	1/31/2020 - 1/31/2025	\$0	\$0
Subcontractor	Open	EDP-HD-INGRMTERRRESIL: Ingram Terrace Resiliency Enhancements	Keith Martin Architects, Inc.	Stephanie Davis Ron Rothfuss	7/28/2023 - 7/28/2028	\$0	\$0
Subcontractor	Open	EDP-ID-W20AE05: Multiple A/E Services VII	HNTB Corporation	Rutu H. Nulkar, P.E.	10/9/2020 - 10/9/2025	\$5,000	\$0
Subcontractor	Open	EDP-MT-20190196: NE 10 Av Bridge 874178 Replacement	ASA Consultants, INC.	jim duncan	8/27/2019 - 8/27/2024	\$0	\$0
Subcontractor	Closed	EDP-MT-CIP134-1: Government Center Station Roof & Fire Suppression DCP-1	Keith Martin Architects, Inc.	jim duncan	2/27/2019 - 2/27/2024	\$0	\$0
Subcontractor	Open	EDP-PR-2206031A: Snake Creek Trail Extension to Greynolds	Kimley-Horn and Associates, Inc.	Richard Miles	2/8/2022 - 2/8/2027	\$0	\$0
Subcontractor	Open	EDP-SP-18-037A: Seaport Multiple Small Architectural Projects	Edward Lewis Architects Inc	jim duncan	9/21/2018 - 9/21/2023	\$0	\$0
Subcontractor	Open	PSA(1596): General Civil Eng - E16-MDAD-03 ESP	AtkinsRealis USA Inc.	PAUL A. TARVIN, P.E.	9/24/2018 - 7/17/2024	\$0	\$219,597
Subcontractor	Closed	TDB14WASD03: Design-Build - Furnish and Install a 48-inch Diameter Water Transmission Main for Area N (Contract 16FCI001)	Garney Companies, Inc.	Hugo E. Soto	4/17/2017 - 9/30/2020	\$0	\$0
Subcontractor	Closed	TDB15WASD3: DESIGNBUILD - WM DOWNTOWN LOOP	RIC-MAN CONSTRUCTION FLORIDA, INC.	Hugo E. Soto	7/24/2017 - 9/30/2020	\$0	\$11,988
Subcontractor	Open	TDB18WASD2: Designbuild Thickening Sludge	Poole & Kent Company of Florida	Corrine Pinky	8/6/2020 - 7/10/2024	\$0	\$98,367

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Attachment F

PSA

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT FOR FACILITIES DEVELOPMENT CONSTRUCTION MATERIALS TESTING CONTRACT NO. E24AV03B

This AGREEMENT made as of the _____ day of _____ in the year 2026, between

the Owner: Miami-Dade County Florida, a political subdivision of the State of Florida, acting by and through its **Board of County Commissioners**, hereinafter called the "County", which shall include its officials, successors, legal representatives, and assigns.

**and the
CONSULTANT:** **TERRACON CONSULTANTS, INC.
16200 NW 59th Ave, Suite 106
Miami Lakes, Florida 33014**

which term shall include its officials, successors, legal representatives, and assigns.

For the Project: **Facilities Development Construction Materials Testing Services**

The project is to provide a pool of five (5) Architectural and Engineering Professional Services for the testing and inspections services for various projects within MDAD's capital improvement program (CIP) as per the requirements of the various Project Contract Documents and the MDAD Design Guidelines under the supervision of MDAD's authorized representative. Experienced engineers and technicians are required to perform the testing, inspection, and Engineering services for the following scopes of work:

- Provide Construction Material Testing (CMT) and Inspections
- Provide asphalt and concrete testing and inspection services
- Provide geotechnical exploration services
- Provide Soil and Foundation Testing services
- Provide Materials Testing and Inspections services
- Provide Roof Testing and Consulting

Participation Restrictions: Hill International, Inc., awarded under SPD Contract A18-MDAD-01A, Capital Improvement Program Specialized Services, is precluded from rendering services on this project.

Turner & Townsend Heery, LLC., awarded SPD Contract No. A18-MDAD-01B, Capital Improvement Program Specialized Services is precluded from rendering services on this project.

Subconsultants of the Prime Firms awarded under SPD Contract No. A18-MDAD-01A and A-18-MDAD-01B may compete to participate in a future CIP project, as a Prime or Sub Consultant, if such project will not be managed by their respective team under SPD Project No. A18-MDAD-01.

The Prime Consultant, HNTB Corporation was awarded ISD Contract No. E20-MDAD-01, Bond Engineering Consulting Services, and its subconsultants are precluded from rendering services on this project.

The Owner and CONSULTANT agree as set forth herein:

**NON-EXCLUSIVE
PROFESSIONAL SERVICES AGREEMENT**

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<u>EXHIBIT 1</u>	<u>JOB CLASSIFICATION DESCRIPTIONS</u>	
<u>EXHIBIT 2</u>	<u>PRINCIPALS OF THE CONSULTANT</u>	
<u>EXHIBIT 3</u>	<u>CRITICAL PERSONNEL</u>	
<u>EXHIBIT 4</u>	<u>DISADVANTAGE BUSINESS ENTERPRISE PARTICIPATION WORKSHEET</u>	
<u>EXHIBIT 5</u>	<u>FEDERAL AVIATION ADMINISTRATION (FAA) PROVISIONS</u>	
<u>AFFIDAVITS</u>		

W I T N E S S E T H

For and in consideration of the mutual agreements hereinafter contained, the County hereby retains the CONSULTANT and the CONSULTANT hereby covenants to provide the professional services prescribed herein in connection with the County Services, as more specifically described in ARTICLE 4 – PROFESSIONAL SERVICES TO BE PERFORMED of this Agreement for the Aviation Department of the County, hereinafter referred to as the “Project”.

ARTICLE 1

DEFINITIONS

- 1.1 **ADDITIONAL SERVICES:** Those services, in addition to the Services in this Agreement, which the CONSULTANT shall perform at Owner’s option and when authorized by Service Order(s) in accordance with the terms of this Agreement.
- 1.2 **AFFIRMATIVE ACTION:** Action to be taken by the CONSULTANT pursuant to a written, results-oriented program, meeting the requirements of 41 CFR Part 60, in which the CONSULTANT details the steps to be taken to ensure equal employment opportunity, including, where appropriate, remedying discrimination against an affected class, or other actions, as necessary.
- 1.3 **AGREEMENT:** This written Agreement between the Owner and the CONSULTANT, including the Appendices attached hereto and all Amendments and Service Orders issued by the Owner hereunder.
- 1.4 **ALLOWANCE ACCOUNT(S):** Account(s) in which stated dollar amount(s) may be included in this Agreement for the purpose of funding portions of the Services or the Work. Allowance Accounts are included in this Agreement to pay for Additional Services, Work Site Services, Dedicated Services, Reimbursable Expenses, or Inspector General Services. Services to be paid from these Allowance Accounts shall be authorized by Service Order prior to the commencement of the work under the Service Order.
- 1.5 **AMENDMENT:** A written modification to this Agreement executed by the CONSULTANT and the Owner covering changes, additions, or reductions in the terms of this Agreement.
- 1.6 **ART IN PUBLIC PLACES PROGRAM:** A program managed by Miami-Dade County Department of Cultural Affairs that is responsible for initiating and overseeing the incorporation of art into new County facilities pursuant to Section 2.11.15 of the Miami-Dade County Code and Administrative Order No. 3-11, as amended.

- 1.7 **BUILDING INFORMATION MODELING (BIM):** a digital representation of a building's physical and functional characteristics. BIM is a process that involves creating and managing a 3D model of a building or infrastructure project, which includes not just the geometry of the structure but also information about its components, materials, and other properties. This digital model serves as a shared knowledge resource for architects, engineers, **contractors**, and other stakeholders involved in the design, construction, and operation of a building. The CONSULTANT shall utilize BIM methodology throughout the duration of the Project. All BIM work shall comply with the MDAD Building Information Modeling Standards Manual (BIM Manual), the BIM Execution Plan and the Contract Documents.
- 1.8 **CHANGE ORDER:** A written agreement executed by the Owner, the CONSULTANT and the CONSULTANT's Surety, covering modifications to the Contract.
- 1.9 **CONSTRUCTABILITY:** The optimum use of construction knowledge and experience in planning, design, procurement, and field operations to achieve overall Project objectives.
- 1.10 **CONSTRUCTION COST:** Actual cost of the Work established in the Contract Documents and as they may be amended from time to time.
- 1.11 **CONSULTANT:** The named entity on page 1 of this Agreement. The firm, company, corporation or joint venture contracting with the Owner for performance of Work covered in the Contract Documents.
- 1.12 **CONTRACT DOCUMENTS:** The legal agreement between the Owner and the CONSULTANT for performance of the Work, which include, but may not be limited to: The Contract Documents shall include, but not necessarily be limited to, the Advertisement for Bids, Instructions to Bidders, Bid Form, Bid Bond, Contract Summary, Surety Performance and Payment Bond, General Conditions, Special Provisions, MDAD Life Safety Master Plan, MDAD Quality Assurance Manual, Division 1 Specifications, Technical Specifications, and Plans together with all Addenda, schedule, permits, shop drawings and applicable legislation, and subsequent Change Orders, and Work Orders. Without limiting the preceding, Contract Documents shall be deemed to include all items defined as "Contract Documents" in the legal agreement between the Owner and CONSULTANT for performance of the Work. The Contract Documents may include materials prepared by Consultant pursuant to a task order issued under this Agreement, materials prepared by the County, or materials prepared by third parties.
- 1.13 **DAYS:** Reference made to Days shall mean consecutive calendar days unless otherwise indicated.
- 1.14 **DEFECT(S):** Refers to any part of the Work that does not follow the Contract Documents, does not meet the requirements of a reference standard, test or inspection specified in the Contract Documents, does not properly function, is broken, damaged or of inferior quality, or is incomplete. The adjective "defective" when it modifies the words "Work" or "work" shall have the same connotation as Defect.

- 1.15 DELIVERABLES REQUIREMENTS MANUAL: A manual provided by the Owner that prescribes the deliverables and their content to be provided by the CONSULTANT. This manual is made a part of this Agreement by reference.
- 1.16 DEPARTMENT: Miami-Dade Aviation Department (“MDAD”) is a department of Miami-Dade County and represented by and acting through their designee(s).
- 1.17 DIRECT SALARIES: Monies paid at regular intervals to personnel other than principals of the CONSULTANT directly engaged by the CONSULTANT on the Project, as reported to the Director of United States Internal Revenue Service and billed to the Owner hereunder on a Multiple of Direct Salaries basis pursuant to a Service Order for Additional Services under this Agreement. Personnel directly engaged on the Project by the CONSULTANT may include architects, engineers, designers, and specifications writers, clerical and administrative staff, or other staff directly engaged or assisting in research, design, production of drawings, specifications and related documents, Work Related Services and other services pertinent to the Project Elements.
- 1.18 DIRECTOR: The Director of the Miami-Dade Aviation Department or authorized representative(s) designated in writing with respect to a specific matter(s) concerning the Services.
- 1.19 DISADVANTAGED BUSINESS ENTERPRISE (DBE): A for profit business concern:
- 1) that is at least 51 percent owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which 51 percent of the stock is owned by one or more such individual and;
 - 2) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.
- 1.20 EQUAL EMPLOYMENT OPPORTUNITY: Opportunity provided by the CONSULTANT pursuant to Executive Order 11246, as amended, and required to be part of all contracts covered by said Executive Order.
- 1.21 FEDERAL AVIATION ADMINISTRATION: Transportation Department agency charged with the administration and enforcement of civil aviation standards and regulations.
- 1.22 FIELD REPRESENTATIVE: An authorized representative or employee of the Owner providing administrative and construction inspection services during the pre-construction, construction, and closeout Phases of the Contract.
- 1.23 FIXED LUMP SUM: A basis for compensation of the CONSULTANT for Services performed.

- 1.24 LIFE CYCLE COSTING: The process whereby all expenses associated with the operations, maintenance, repair, replacement and alteration costs of a facility or piece of equipment are identified and analyzed.
- 1.25 MIAMI-DADE AVIATION DEPARTMENT (MDAD or Department): A department of Miami- Dade County Government, sometimes referred to as Owner, represented by and acting through the Director or their Designee(s).
- 1.26 MULTIPLE OF DIRECT SALARIES: A basis for compensation of the CONSULTANT for Services performed.
- 1.27 NOTICE TO PROCEED (NTP): Written communication issued by the Owner to the CONSULTANT directing the Services to proceed and establishing the date of commencement of the Work.
- 1.28 OWNER: Miami-Dade County acting through the Department. The term Owner, as used in this Agreement shall exclude the Department of Regulatory and Economic Resources (RER); Department of Transportation and Public Works (DTPW); the Fire Department and Water & Sewer; or their successors.
- 1.29 PLANS: The drawings prepared by the CONSULTANT which show the locations, characters, dimensions and details of the Work to be done and which are part of the Contract Documents.
- 1.30 PROJECT: The total Project Elements that the CONSULTANT is being contracted by the County and as set forth in this Agreement and authorized by Service Order(s).
- 1.31 PROJECT BUDGET: Estimated cost for the Project, prepared by the Owner as part of the Program, including the estimated Construction Cost. The Project Budget may, from time to time, be revised or adjusted by the Owner, at its sole discretion, to accommodate approved modifications or changes to the Project or the scope of work.
- 1.32 PROJECT ELEMENT: A part of the Project for which Services are to be provided by the CONSULTANT pursuant to this Agreement or by other CONSULTANTs employed by the Owner.
- 1.33 PROJECT MANAGER (PM): Individual designated by the Director to represent the Owner during the design and construction of the Project.
- 1.34 PUNCH LIST: A running list of defects in the Work as determined by the CONSULTANT performing Work Related Services, with input from the Field Representative and the Project Manager. The initial edition of the Punch List is modified in succeeding editions to reflect corrected and completed work as well as newly observed defects, until the time of Final Acceptance.
- 1.35 RECORD DRAWINGS (AS-BUILT DRAWINGS): Reproducible drawings showing the final completed Work as built, including any change to the Work performed by the

CONSULTANT pursuant to the Contract Documents which the CONSULTANT considers significant based on marked-up as-built prints, drawings, and other data furnished by the CONSULTANT.

- 1.36 REIMBURSABLE EXPENSES: Those expenses delineated in Article 7 “Reimbursable Expenses” of this Agreement which are separately approved by the Owner that are incurred by the CONSULTANT in the fulfillment of this Agreement and which are to be compensated to the CONSULTANT.
- 1.37 REVIEW SET: A partial or complete set of Contract Documents, provided by the CONSULTANT in accordance with the Deliverables Requirements Manual and/or Service Order, at the specified percentage of completion of a Phase of the Services as provided for in this Agreement, on which the Owner may provide written review comments and acceptance of Services. Any review will be general in nature and shall not constitute a detailed checking of the CONSULTANT’s work nor relieve the CONSULTANT of the responsibility for the completeness and accuracy of its Services.
- 1.38 SERVICE ORDER: A written order (consecutively numbered for reference and control purposes) initiated by the MDAD Project Manager in accordance with this Agreement, and countersigned by the Director and by the CONSULTANT, directing the CONSULTANT to perform or modify the performance of any portion of the Services. The Service Order shall list the specific scope of services to be performed by the CONSULTANT, the fees to be paid for the services, the method of payment and the time in which the services are to be performed.
- 1.39 SERVICE(S): All work and actions by the CONSULTANT performed pursuant to or undertaken under this Agreement.
- 1.40 SUBCONSULTANT: An independent firm, company, joint venture, corporation or individual under contract with and compensated by the CONSULTANT to perform a portion of the Services required hereunder.
- 1.41 USER: Entities such as, but not limited to, concessionaires, service managers, airlines, public utilities, and governmental agencies, excluding agencies of the Owner, that have entered into agreements with the Owner for use of portions of the Miami International Airport and/or the general aviation airports under the control of the Department.
- 1.42 USER REVIEW: A review of all design projects by a group which represents the operational aspects of the Airport including MDAD operations and maintenance staff, concessionaires, tenants, service managers, airlines, public utilities, governmental agencies, and other Airport users, to ensure that program and operational needs are being met.

- 1.43 VALUE ANALYSIS (VA): The systematic application of recognized techniques for optimizing both cost and performance in a new or existing facility or to eliminating items that add cost without contributing to required functions.
- 1.44 WORK: All labor, materials, tools, equipment, services, methods, procedures, etc., necessary or convenient to performance by the CONSULTANT of all duties and obligations imposed by the Contract Documents and representing the basis upon which the total consideration is paid or payable to the CONSULTANT for the performance of such duties and obligations.

ARTICLE 2

INFORMATION TO BE FURNISHED BY THE OWNER

- 2.1 INFORMATION TO BE FURNISHED BY THE OWNER:** The Owner will furnish the CONSULTANT with the information listed in the Special Provisions.
- 2.2 OBLIGATION OF THE CONSULTANT:** The CONSULTANT understands that it is obligated to verify to the extent it deems necessary all information furnished by the Owner and that it is responsible for the accuracy and applicability of all such information used by said CONSULTANT. Such verification shall include visual examination of existing conditions in all locations encompassed by the project where such examinations can be made without using destructive measures (e.g., excavation or demolition). MDAD shall approve any destructive measures that may be necessary. Surveying information shall be spot checked by CONSULTANT to the extent necessary so that the CONSULTANT has satisfied itself as to the reliability of the information. Notwithstanding the foregoing, if existing conditions materially differ from information furnished by Owner and such variation could not have reasonably been verified by CONSULTANT, then CONSULTANT shall have no responsibility for any costs or expense incurred by Owner as a result of the differing conditions. In addition, if the CONSULTANT is required to make changes to the CONSULTANT's Deliverables as a result of such material difference, the Owner shall compensate the CONSULTANT for such services as an Additional Service.

ARTICLE 3
GENERAL PROVISIONS

3.1 INDEMNIFICATION AND HOLD HARMLESS

- 3.1.1 Pursuant to Florida Statutes 725.08 and notwithstanding the provisions of Florida Statutes 725.06, the CONSULTANT shall indemnify and hold harmless the Owner, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Agreement.

To the extent this indemnification clause or any other indemnification clause in this Agreement does not comply with Chapter 725, Florida Statutes, as may be amended, this provision and all aspects of the Contract Documents shall hereby be interpreted as the parties' intention for the indemnification clauses and Contract Documents to comply with Chapter 725, Florida Statutes, as may be amended.

This Section shall survive expiration or termination of this Agreement.

- 3.2 INSURANCE:** The CONSULTANT shall not be issued any Service under this Agreement until the insurance required hereunder has been obtained by the CONSULTANT and the Owner has approved such insurance. The CONSULTANT shall maintain required insurance coverage for the full term of this Agreement or for such longer period(s) as may be specifically required herein.

The CONSULTANT shall furnish certificates of insurance to the Owner prior to commencing any operations under this Agreement. Certificates shall clearly indicate that the CONSULTANT has obtained insurance, in the type, amount, and classifications, as required for strict compliance with this Article. The certificates must provide that in the event of material change in or cancellation of the policies reflecting the required coverages, thirty (30) days advance notice shall be given to the Miami-Dade Aviation Department Risk Management Unit.

- 3.2.1 The CONSULTANT shall provide (at its own cost):
- a. **Workers' Compensation**, as required by Chapter 440, Florida Statutes.
 - b. **Automobile Liability Insurance**, covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than **\$1,000,000**, and **\$5,000,000** if operating vehicles on the Airfield Operations Area ("AOA"), combined single limit for bodily injury and property damage liability.

Only company-owned or company leased vehicles leased from a leasing company will be permitted on the airfield. No such vehicles shall be permitted airfield access following the date of submittal by the CONSULTANT of the Report of Contract Completion.

- c. **Commercial General Liability Insurance** on a comprehensive basis, including contractual liability, products, and completed operations, in an amount not less than **\$1,000,000** combined single limit, per occurrence for bodily injury and property damage. Miami-Dade County must be an Additional Insured with respect to this coverage.
- d. **Professional Liability Insurance** (Errors and Omissions), in an amount not less than **\$1,000,000** per claim with the deductible per claim, if any, not to exceed 10% of the limit of coverage. This insurance shall be maintained for one year after the completion and acceptance by the Owner of the Services performed pursuant to this Agreement.

At any time during the term of this Agreement Owner can require the CONSULTANT provide Project Specific Professional Liability Insurance in the amount of \$1,000,000 (or such other amount as may be specified in these Special Provisions) per claim to last the life of the Project plus three (3) years. The premium for this coverage shall be reimbursed to the CONSULTANT in accordance with Article 7 “Reimbursable Expenses” of this Agreement.

- 3.2.2 All insurance policies required herein shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than “A-” as to financial strength, and no less than “Class VII” as to financial size according to the latest edition of Key Rating Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the written approval of the Owner.

- 3.2.3 The CONSULTANT and/or the SUBCONSULTANTS shall cooperate to the fullest extent with Miami-Dade County in all matters relating to the insurance provided and shall comply with all requirements of any insurance policy procured by the County. They shall also at their own expense furnish the County or its duly authorized representative with copies of all correspondence, papers, records, and other items necessary or convenient for dealing with or defending against claims and for administering the aforementioned insurance including furnishing the time of any of their employees, officers, or agents whose presence or testimony is necessary or convenient in any negotiations or proceedings involving such insurance.
- 3.2.4 If, at any time during the term of this Agreement, the actual provisions of the insurance described herein, or any part thereof, cannot be obtained or is non-

renewable or is otherwise not available, then Miami-Dade County shall attempt to meet, as closely as possible, the objective and purpose of the original insurance program as outlined herein. Furthermore, Miami-Dade County and the CONSULTANT shall agree as to their respective responsibilities and actions in this regard.

- 3.2.5 Immediate notification must be given to Miami-Dade County Risk Management Division and Miami-Dade County Aviation Department and/or its agent in case of accident or occurrence which might give rise to a claim under any policy provided by the County, or any policy on which the County is a joint insured.
 - 3.2.6 Compliance with the foregoing requirements as to the carrying of insurance shall not relieve the CONSULTANT from liability under any portion of this Contract.
 - 3.2.7 Cancellation of any insurance or non-payment by the CONSULTANT of any premium for any insurance policy or bonds required by this Contract shall constitute a breach of this Contract. In addition to any other legal remedies, Miami-Dade County at its sole option may terminate this Contract or pay such premiums and deduct the costs thereof from any amounts which are or may be due to the CONSULTANT.
- 3.3 **ASSIGNMENT:** The CONSULTANT shall not assign, transfer or convey this Agreement to any other person, firm, association, or corporation, in whole or in part. However, the CONSULTANT will be permitted to cause portions of the services to be performed by sub-CONSULTANTS, as authorized elsewhere herein.
- 3.4 **PROVISION OF ITEMS NECESSARY TO COMPLETE SERVICES:** In the performance of the Services prescribed herein, it shall be the responsibility of the CONSULTANT to provide all salaries, wages, materials, equipment, sub-CONSULTANTS and other purchased services, etc., necessary to complete said Services.
- 3.5 **SUBCONSULTANTS:** All Services provided by the SUBCONSULTANTS shall be consistent with those commitments made by the CONSULTANT during the selection process and interview. Such Services shall be pursuant to appropriate agreements between the CONSULTANT and the SUBCONSULTANTS, which shall contain provisions that preserve and protect the rights of the Owner under this Agreement. Nothing contained in this Agreement shall create any contractual relationship between the Owner and the SUBCONSULTANTS.

The CONSULTANT shall not change any SUBCONSULTANT without prior approval by the Director in response to a written request from the CONSULTANT stating the reasons for any proposed substitution. Any approval of a SUBCONSULTANT by the Owner shall not in any way shift the responsibility for the quality and acceptability by the Owner of the services performed by the SUBCONSULTANT from the CONSULTANT to the Owner. The CONSULTANT shall cause the names of SUBCONSULTANTS responsible for significant portions of the Services to be inserted on the Plans and Specifications, subject to the approval of the Owner.

The CONSULTANT may employ SUBCONSULTANTS to assist the CONSULTANT in performing specialized Services. Payment of such SUBCONSULTANTS employed at the option of the CONSULTANT shall be the responsibility of the CONSULTANT and shall not be cause for any increase in compensation to the CONSULTANT for the performance of the Services. The quality of services and acceptability to the Owner of the services performed by such SUBCONSULTANTS shall be the sole responsibility of the CONSULTANT.

- 3.6 TERM OF AGREEMENT:** This term of this Agreement shall be for five (5) years with one five-year option to renew and shall begin upon execution of the Agreement by the parties and shall be in effect until all Services are completed or until those Services Orders in force at the end of the stated period of time have been completed and the Services accepted, whichever may be later.

Nothing in this Article shall prevent the Owner from exercising its rights to terminate the Agreement as provided elsewhere herein.

- 3.7 TERMINATION OF AGREEMENT:** This Agreement may be terminated upon prior written notice by either party as described herein. The Owner may terminate this Agreement or any Service Order for cause or for convenience. The CONSULTANT may terminate this Agreement for cause in the event that the Owner willfully violates any provisions of the Agreement. The CONSULTANT shall have no right to terminate this Agreement for the convenience of the CONSULTANT, without cause.

- 3.7.1 Owner's Termination for Cause:** The Owner may terminate this Agreement or any Service Order upon seven (7) days written notice for cause in the event that the CONSULTANT violates any provisions of this Agreement, or performs the same in bad faith, or unreasonably delays the performance of the Services. Such written notice to the CONSULTANT shall spell out the cause and provide reasonable time in the notification to remedy the cause.

The Owner may terminate this Agreement if the CONSULTANT is found to have submitted a false certification or to have been, or is subsequently during the term of this Agreement, placed on the Scrutinized Companies for Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. The Owner may also terminate this Agreement as directed by the Federal Aviation Administration (FAA).

Notwithstanding any other penalties for firms that have discriminated in violation of Article VII of Chapter 11A of the Code, the Owner may terminate the Agreement or require the termination or cancellation of a SUBCONSULTANT contract. In addition, a violation by the CONSULTANT or a SUBCONSULTANT to it, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O. (See www.miamidade.gov/ao/home.asp).

In the event the Owner terminates this Agreement for cause, the Owner will take over any and all documents and electronic files resulting from Services rendered up to the termination and may complete them, by contracting with other CONSULTANT(s) or otherwise, and in such event, the CONSULTANT shall be liable to the Owner for any additional cost incurred by the Owner due to such termination. "Additional Cost" is defined as the difference between the actual cost of completion of such incomplete Services by another entity and the cost of completion of such Services which would have resulted from payments to the CONSULTANT hereunder had the Agreement not been terminated. Upon receipt of written Notice of Termination, the CONSULTANT shall, when directed by the Owner, promptly assemble and submit as provided herein or as required in any Service Order issued hereunder, all documents including drawings, calculations, specifications, reports, correspondence, and all other relevant materials affected by such termination. No payments shall be made: 1) for Services not satisfactorily performed; and 2) for the cost of assembly and submittal of documents for services performed satisfactorily or unsatisfactorily.

- 3.7.2 Owner's Termination for Convenience: The Owner, in addition to the rights and options to terminate for cause, or any other provisions set forth in this Agreement, retains the right to terminate this Agreement or any Service Order upon thirty (30) days written notice at its sole option at any time for convenience, without cause, when in its sole discretion it deems such termination is in the best interest of the Owner.
- 3.7.3 CONSULTANT's Termination for Cause: The CONSULTANT may terminate this Agreement upon thirty (30) days written notice for cause in the event that the Owner violates any provisions of this Agreement. Such written notice to the Owner shall spell out the cause and provide reasonable time in the notification to remedy the cause. In the event the CONSULTANT exercises its right to terminate this Agreement for cause, payment for Services satisfactorily performed prior to the date of termination shall be made in accordance with the article "Compensation for Services".
- 3.7.4 Implementation of Termination: In the event of termination, either for cause or for convenience, the CONSULTANT, upon receipt of the Notice of Termination, shall:
1. Stop the performance of Services under this Agreement on the date and to the extent specified in the Notice of Termination;
 2. Place no further orders or subcontracts except as may be necessary for completion of any portion(s) of the Services not terminated, and as authorized by Service Order(s);
 3. Terminate all orders and subcontracts to the extent that they relate to the performance of the Services terminated by the Notice of Termination;

4. Transfer title to the Owner (to the extent that title had not already been transferred) and deliver in the manner, at the times, and to the extent directed by the Owner, all property purchased under this Agreement and reimbursed as a direct item of cost and not required for completion of the Services not terminated;
 5. Promptly assemble and submit as provided herein all documents for the Services performed, including plans, calculations, specifications, reports, and correspondence, and all other relevant materials affected by the termination, electronic and otherwise; and;
 6. Complete performance of any Services not terminated by the Notice of Termination.
- 3.7.5 Compensation for Terminated Work: Compensation for terminated work will be made based on the applicable provisions of the Article 5 “Compensation for Services”.
- 3.7.6 The Owner reserves the right to have any employee of the CONSULTANT or any employee of the SUBCONSULTANT removed from the Project if in the Owner’s sole judgement that employee is not performing their work properly or if such removal is in the best interest of the Project.

3.8 SANCTIONS FOR CONTRACTUAL VIOLATIONS:

Without limiting any other right granted the County herein or at law, The County may terminate this Contract or require the termination or cancellation of any SUBCONSULTANT contract, if the CONSULTANT or any SUBCONSULTANT(s) violates Article VII of Chapter 11A of the Code. In addition, a violation by the CONSULTANT, or SUBCONSULTANT to the CONSULTANT, or failure to comply with Section 2-10.4.01(5) of the Code, and Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the Code and the A.O. respectively.

3.9 INTENT OF AGREEMENT:

- 3.9.1 The intent of the Agreement is for the CONSULTANT to provide Services as further specified in Article 8.1. The Services shall be deemed to include all services implied by, incidental to, or appurtenant to those listed in Article 8.1, whether or not such services are expressly listed in this Agreement, and the provision of such Services shall not be considered additional or extra work.
- 3.9.2 Order of Precedence: building and safety codes enacted by any authority having jurisdiction, amendment to this Contract, Special Provisions of this Agreement, Articles of this agreement, exhibits, NTPC and addenda, CONSULTANT’s Proposal.

- 3.9.3 This Agreement is for the benefit of the parties only and it does not grant rights to a third-party beneficiary, to any person, nor does it authorize anyone not a party to the Agreement to maintain a suit for personal injuries, professional liability or property damage pursuant to the terms or provisions of the Agreement.
- 3.9.4 No acceptance, order, payment, or certificate of or by the Owner, or its employees or agents shall either stop the Owner from asserting any rights or operate as a waiver of any provisions hereof or of any power or right herein reserved to the Owner or of any rights to damages herein provided.
- 3.9.5 FAA Provisions: Exhibit 5, attached hereto and incorporated by reference, outlines the provisions currently required under applicable Federal Aviation Administration (FAA) guidelines. The Contractor shall comply with the terms of Exhibit 5 as amended from time to time. The Mayor or the Mayor's designee shall have the authority to administratively amend Exhibit 5 to reflect revisions, additions, or removals of required FAA provisions as issued through official FAA guidance. Any such amendments shall be provided in writing to the Consultant through an updated version of Exhibit 5. Such updated version of Exhibit 5 shall be identified as Exhibit 5.A, with each updated Exhibit 5 thereafter being identified by successive alphabetical identification (i.e., Exhibit 5.B, Exhibit 5.C, and so on) with the latest alphabetical version of Exhibit 5 governing unless otherwise specified. Failure to agree to the amendment proffered by MDAD shall cause MDAD to terminate this agreement.
- 3.10 SOLICITATION:** The CONSULTANT warrants that: 1) it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this Agreement; and 2) that it has not paid, nor agreed to pay any person, company, corporation, joint venture, individual, or firm, other than a bona fide employee working solely for the CONSULTANT any fee, commission, percentage, gift, or another consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the Owner has the right to annul this Agreement without liability to the CONSULTANT for any reason whatsoever.
- 3.11 ACCOUNTING RECORDS OF CONSULTANT:** The Owner reserves the right to audit the accounts and records of the CONSULTANT and SUBCONSULTANTS including, but not limited to, payroll records and Federal Tax return, supporting all payments for Services hereunder on the basis of Multiple of Direct Salaries and Reimbursement of Actual Expenses incurred. Such audit may take place at any mutually convenient time during the performance of this Agreement and for three (3) years after final payment under this Agreement. The CONSULTANT shall maintain, as part of its regular accounting system, records of a nature and in a sufficient degree or detail to enable such audit to determine the personnel hours and personnel costs and other expenses associated with each Project and/or task authorized for performance by Service Order(s). In accordance with Florida Statutes 287.055, the CONSULTANT hereby certifies and warrants that wage rates and other

factual unit cost as submitted supporting the compensation provided here are accurate, complete, and current as of the date of the submittal. It is further agreed that said compensation provided for in this Agreement shall be adjusted to exclude any significant costs where the Owner determines that the payment for Services was increased due to inaccurate, incomplete, or non-current wage rates or other factual unit costs. All such adjustments in compensation paid or payable to CONSULTANT under this Agreement shall be made within three (3) years from the date of final billing or acceptance of the Services by the Owner, whichever is later.

3.12 INSPECTOR GENERAL (IG), INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL (IPSIG): Pursuant to MDC Code Section 2-1076, the Office of the Miami-Dade County Inspector General (IG) shall have the authority and power to review past, present, and proposed County programs, accounts, records, contracts, and transactions. The IG shall have the power to subpoena witnesses, administer oaths, and require the production of records. Upon ten (10) days' written notice to the CONSULTANT from IG, the CONSULTANT shall make all requested records and documents available to the IG for inspection and copying.

The CONSULTANT shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition (solicitation preparation) and performance of this Contract, for examination, audit, or reproduction, until three (3) years after final payment under this Contract or for any longer period required by statute or by other clauses of this Contract. In addition:

- (1) If this Contract is completely or partially terminated, the CONSULTANT shall make available the records relating to the work terminated until three (3) years after any resulting final termination settlement; and
- (2) The CONSULTANT shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this Contract until such appeals, litigation, or claims are finally resolved.

The IG shall have the power to report and/or recommend to the Board of County Commissioners whether a particular project, program, contract, or transaction is or was necessary and, if deemed necessary, whether the method used for implementing the project or program is or was efficient both financially and operationally. Monitoring of an existing project or program may include reporting whether the project is on time, within budget and in conformity with plans, specifications, and applicable law. The IG shall have the power to analyze the need for, and reasonableness of, proposed Change Orders.

The IG may, on a random basis, perform audits on all County contracts throughout the duration of said contract (hereinafter "random audits"). This random audit is separate and distinct from any other audit by the County. To pay for the functions of the Office of the Inspector General, any and all payments to be made to the CONSULTANT under this contract will be assessed one quarter of one percent of the total amount of the payment, to be deducted from each progress payment as the same becomes due, unless this Agreement is federally funded where federal or state law or regulations preclude such a charge or

where such a charge is otherwise precluded as stated in the Special Provisions (see Article 8). The CONSULTANT shall, in stating its agreed prices, be mindful of this assessment, which will not be separately identified, calculated, or adjusted in the proposal or bid form.

The IG shall have the power to retain and coordinate the services of an independent private sector inspector general (IPSIG) who may be engaged to perform said random audits, as well as audit, investigate, monitor, oversee, inspect, and review the operations, activities, and performance and procurement process including, but not limited to, project design, establishment of bid specifications, bid submittals, activities of the CONSULTANT, its officers, agents and employees, lobbyists, County staff, and elected officials in order to ensure compliance with contract specifications and detect corruption and fraud. The IG is authorized to investigate any alleged violation by a CONSULTANT of its Code of Business Ethics, pursuant of MDC Code Section 2-8.1.

The provisions in this section shall apply to the CONSULTANT, its officers, agents and employees. The CONSULTANT shall incorporate the provisions in this section in all subcontracts and all other agreements executed by the CONSULTANT in connection with the performance of this contract.

INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL

The attention of the CONSULTANT is hereby directed to the requirements of AO 3-20 and R-516-96: the County shall have the right but not the obligation to retain the services of an Independent Private Inspector General (IPSIG) who may be engaged to audit, investigate, monitor, oversee, inspect, and review the operations, activities, and performance of the CONSULTANT and County in connection with this Contract. The scope of services performed by an IPSIG may include, but are not limited to, monitoring and investigating compliance with Contract Specifications; project costs; and investigating and preventing corruption and fraud.

The IPSIG may perform its services at all levels of the contracting and procurement process including, but not limited to, project design, establishment of bid specifications, bid submittals, activities of CONSULTANT, its officers, agents and employees, lobbyists, county staff and elected officials.

Upon (10) ten days' written notice to CONSULTANT from an IPSIG, the CONSULTANT shall make all requested records and documents available to the IPSIG for inspection and copying. The IPSIG shall have the right to examine all documents and records in the CONSULTANT's possession, custody, or control which, in the IPSIG's sole judgment, pertain to performance of the Contract, including, but not limited to, original estimate files, bid and change order estimates, worksheets, proposals and agreements from and with successful and unsuccessful SUBCONSULTANTS and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, bid and contract documents, back-charge document, all documents and records which involve cash, trade, or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records, and supporting documentation for the aforesaid documents and records.

3.13 OWNERSHIP OF DOCUMENTS AND COPYRIGHTS:

- 3.13.1 All notes, correspondence, documents, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, and any other documents and copyrights thereto for Services performed or produced in the performance of this Agreement, whether in paper or other hard copy medium or in electronic medium is a work for hire and is the property of the Owner; however, the Owner may grant to the CONSULTANT a non-exclusive license of the copyright to the CONSULTANT for reusing and reproducing copyrighted materials or portions thereof as authorized by the Owner in advance and in writing. In addition, the CONSULTANT shall not disclose, release, or make available any document to any third party without prior written approval from Owner.
- 3.13.2 The CONSULTANT is permitted to reproduce copyrighted material described above subject to written approval from the Owner.
- 3.13.3 At the Owner's option, the CONSULTANT may be authorized by Service Order to adapt copyrighted material for additional or other work for the Owner; however, payment to the CONSULTANT for such adaptations will be limited to an amount not greater than 50% of the original fee earned to adapt the original copyrighted material to a new site.
- 3.13.4 The Owner shall have the right to modify the Project or any component thereof without permission from the CONSULTANT or without any additional compensation to the CONSULTANT. The CONSULTANT shall be released from any liability resulting from such modification.

3.14 LAWS AND REGULATIONS:

- 3.14.1 The CONSULTANT shall, during the term of this Agreement, be governed by Federal, State of Florida, and Miami-Dade County Laws, Regulatory Orders, County Codes and Resolutions, and MDAD operating procedures, all as may be amended from time to time, that may have a bearing on the Services involved in this Project. The Department will assist the CONSULTANT in obtaining copies of any such laws, orders, codes, resolutions, or procedures not readily available on the Internet.
- 3.14.2 The Agreement shall be governed by the laws of the State of Florida and may be enforced in a court of competent jurisdiction in Miami-Dade County, Florida.
- 3.14.3 Portions of the work produced under this Agreement may be determined by the Owner to contain Security Sensitive Information (SSI). Upon notification by the Owner, the CONSULTANT and its SUBCONSULTANTS under this Agreement shall follow security requirements of the Transportation Security

Administration, 49 CFR Parts 1500, et al., Civil Aviation Security Rules, and other MDAD Security Procedures. Documents deemed by the Owner to contain Security Sensitive Information shall bear the following warning:

Warning Notice: This record contains Sensitive Security Information that is controlled under the provisions of 49 CFR Parts 15 and 1520. No part of this record may be disclosed without a “need to know”, as defined in 49 CFR Parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action.

- 3.14.4 In accordance with Florida Statutes 119.071 (3) (b), building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency, are exempt from s. 119.07 and s. 24(a), Art. I of the State Constitution. This exemption applies to building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency before, on, or after the effective date of this act. Information made exempt by this paragraph may be disclosed to another governmental entity with prior approval by the Owner if disclosure is necessary for the receiving entity to perform its duties and responsibilities; to a licensed CONSULTANT who is performing work on or related to the building, arena, stadium, water treatment facility, or other structure owned or operated by an agency; or upon a showing of good cause before a court of competent jurisdiction. The entities or persons receiving such information shall maintain the exempt status of the information.
- 3.14.5 The CONSULTANT shall comply with the financial disclosure requirements of Ordinance No. 77-13, as amended by having on file or filing within thirty (30) days of the execution of the Agreement one of the following with the Supervisor of the Miami-Dade County Elections Department, P.O. Box 521550, Miami, FL, 33152-1550.
- A. A source of income statement
 - B. A current certified financial statement
 - C. A copy of the CONSULTANT’s current Federal Income Tax Return
- 3.14.6 In addition to the above requirements in this sub-article, the CONSULTANT agrees to abide by all Federal, State, and County procedures, as may be amended from time to time, by which the documents are handled, copied, and distributed which may include, but is not limited to:
- 3.14.6.1 Each employee of the CONSULTANT and SUBCONSULTANT(s) that will be involved in the Project, shall sign an agreement stating that they will not copy, duplicate, or distribute the documents unless authorized by the Owner as required in Article 3.14.4.

- 3.14.6.2 The CONSULTANT and its SUBCONSULTANT(s) agree in writing that the project documents are to be kept and maintained in a secure location.
- 3.14.6.3 Each set of the project documents is to be numbered and the whereabouts of the documents shall be tracked at all times.
- 3.14.6.4 A log is developed to track each set of documents logging in the date, time, and name of the individual(s) that works on or views the documents.

3.15 CORRECTIONS TO CONTRACT DOCUMENTS: The CONSULTANT shall prepare, without added compensation, all necessary supplemental documents to correct errors, omissions, and/or ambiguities that may exist in the Contract Document prepared by the CONSULTANT including the documents prepared by its SUBCONSULTANTS. Compliance with this Article shall not be construed to relieve the CONSULTANT from any liability resulting from any such errors, omissions, and/or ambiguities in the Contract Documents and other documents or Services related thereto.

3.16 STANDARD OF CARE: Notwithstanding anything to the contrary in this Agreement or in any other Contract Document relating to the Project, in performing its Work under this Contract CONSULTANT shall perform its Services to the standard of care of a reasonable CONSULTANT that is performing the same or similar Work, at the same time and locality and under the same or similar conditions faced by CONSULTANT.

3.17 OWNER REPRESENTATIVE: The Owner will assign a Project Manager to the Project to coordinate all Owner responsibilities under this Agreement. All instructions from the Owner to the CONSULTANT shall be issued by or through the Project Manager. The CONSULTANT shall promptly inform the Project Manager in writing of any instructions received from others and of any other circumstances that arise that might affect the performance of the Services or of the Work.

3.18 SECURED AREAS/AIR OPERATIONS AREA (AOA)/SIDA/STERILE AREAS SECURITY:

3.18.1 The CONSULTANT acknowledges and accepts full responsibility for compliance with all applicable laws, rules and regulations including those of the Transportation Security Administration (TSA), Department of Homeland Security (DHS), Federal Aviation Administration (FAA), Customs and Border Protection (CBP), and MDAD as set forth from time to time relating to CONSULTANT's activities at the Miami International Airport (MIA), or other Miami- Dade County airports.

3.18.2 In order to maintain high levels of security at MIA, the CONSULTANT must obtain MDAD photo identification badges, at their own cost, for all the CONSULTANT's employees working in the Secured/AOA/Security Identification Display Area (SIDA)/Sterile Areas or any other restricted areas of the Airport. MDAD issues two types of identification badges: photo identification badges and non-photo passes. All employees, except temporary

workers (working less than two weeks), will be required to obtain photo identification badges and will be subject to Federal Bureau of Investigation (FBI) fingerprint-based Criminal History Records Check (CHRC). Temporary workers (working less than two weeks) will be issued non-photo passes. At no time will an employee bearing a non-photo identification badge be authorized in a secured MIA location without being escorted by an MDAD authorized Escort Authority that has been issued a badge with an escort seal by the MDAD ID Section. No other individuals are allowed to escort under any circumstances.

- 3.18.3 The CONSULTANT shall be responsible for requesting MDAD issue identification badges to all employees whom the CONSULTANT requests be authorized access to the Secured/AOA/SIDA/Sterile Areas or any other restricted areas of the Airport and shall be responsible for the immediate reporting of all lost or stolen ID badges and the immediate return of the ID badges of all personnel transferred from Airport assignment, terminated from the employ of the CONSULTANT, upon final acceptance of the Work, or termination of this Contract. The CONSULTANT will be responsible for all fees associated with lost and unaccounted for badges or passes as well as the fee(s) for fingerprinting and ID issuance.
- 3.18.4 All employees of the CONSULTANT, or SUBCONSULTANTS, who must work within MDAD Secured/AOA/SIDA/Sterile Areas or any other restricted areas at Miami International Airport shall be supplied with MDAD identification badges as specified above, which must be worn at all times while within the referenced areas. Badges shall be worn on outer garments above the waist so as to be clearly visible in order to distinguish, on sight, employees assigned to a particular CONSULTANT. MDAD issues the non-photo passes on a daily basis, not to exceed two weeks. In order to obtain a non-photo pass, the CONSULTANT must submit a 48-Hour Advance Notification form with required information to the MDAD Security Division, ID Section, for all temporary workers requiring access to the MDAD Secured/AOA/SIDA/Sterile Areas or other restricted areas of the Airport. Non-photo passes will not be issued to temporary workers who have failed a criminal history records check, are in possession of an expired work permit, and/or have an expired MDAD ID badge. Each employee must complete the SIDA training program conducted by MDAD and comply with all other TSA, DHS, CBP, FAA or MDAD requirements as specified by the MDAD at the time of application for the ID badge before an ID badge is issued. MDAD Security and Safety ID Section regularly provide SIDA Training.
- 3.18.5 CONSULTANT Ramp Permits will be issued to the CONSULTANT authorizing vehicle entrance to the Airfield Operations Area (AOA) through specified Miami-Dade Aviation Department guard gates for the term of any Project. These permits will be issued only for those vehicles (including vehicles belonging to the SUBCONSULTANT) that must have access to the site during the performance of the Work. These permits will only be issued to company owned vehicles or to company leased vehicles (leased from a commercial leasing company). AOA decals, passes, or permits to operate within the Secured/AOA/SIDA will not be issued to privately owned or privately leased

vehicles. All vehicles operating within the Secured/AOA/SIDA must have conspicuous company identification signs (minimum of three (3) inch lettering) displayed on both sides of the vehicle.

- 3.18.5.1 All vehicles operating within the Secured/AOA/SIDA must be provided with the Automobile Liability Insurance required elsewhere in these General Conditions. Proof of such insurance shall be provided to MDAD Airside Operations Division upon request.
- 3.18.6 Vehicles delivering materials to the site will be given temporary passes at the appropriate guard gate. Such vehicles shall not be permitted to operate within the Secured/AOA/SIDA without MDAD escort to be provided by MDAD's Operations Division. To obtain an escort, the CONSULTANT shall notify MDAD Airside Operations Division in writing twenty-four (24) hours in advance of such need. These passes shall be surrendered upon leaving the Secured/AOA/SIDA. All vehicles shall be marked with the company name to ensure positive identification at all times while in the Secured/AOASIDA.
- 3.18.7 Only CONSULTANT management level staff and supervisors with pictured MDAD I.D. badges shall be allowed to operate a motor vehicle on the Secured/AOA/SIDA without MDAD escort except when operating a vehicle that requires a specialized license to operate (CDL). Such vehicles must be under MDAD Airside Operations escort when moving on the AOA unless said vehicle is operating in an approved MOT. The CONSULTANT shall require such employee to have a current, valid, appropriate Florida driver's license and to attend and successfully complete the AOA Driver Training Course conducted periodically by the Department. The privilege of a person to operate a motor vehicle on the Secured/AOA/SIDA may be withdrawn by the Department due to violation of AOA driving rules, or loss of Florida driver's license, or other cause.
- 3.18.8 The CONSULTANT agrees that its personnel, vehicles, cargo, goods, and other personal property are subject to being searched when attempting to enter, leave or while on the Secured/AOA/SIDA/Sterile Areas or other restricted areas of the airport. It is further agreed that the MDAD has the right to prohibit an individual, agent, or employee of the CONSULTANT or SUBCONSULTANT from entering the Secured/AOA/SIDA/Sterile Areas or other restricted areas, based upon facts which would lead a person of reasonable prudence to believe that such individual might be inclined to engage in theft, cargo tampering, aircraft sabotage, or other unlawful activities, including failure to comply with TSA, DHS, FAA, CBP, and MDAD SIDA/access control policies, rules, and regulations. Any person denied access to the Secured/AOA/SIDA/Sterile areas or other restricted areas of the Airport or whose prior authorization has been revoked or suspended on such grounds shall be entitled to a review hearing before the Director or their authorized designee within a reasonable time. Prior to such hearing, the person denied access to the Secured/AOA/SIDA/Sterile

Areas or other restricted areas of the airport shall be advised, in writing, of the reasons for such denial.

- 3.18.8.1 The CONSULTANT acknowledges and understands that these provisions are for the protection of all users of the Secured/AOA/SIDA/Sterile Areas and are intended to reduce the incidence of terrorism, thefts, cargo tampering, aircraft sabotage, and other unlawful activities at the Airport and to maximize compliance with TSA, DHS, CBP, FAA, and MDAD access control policies and procedures.
- 3.18.9 The CONSULTANT understands and agrees that vehicle and equipment shall not be parked/stored on the Secured/AOA/SIDA in areas not designated or authorized by MDAD nor in any manner contrary to any posted regulatory signs, traffic control devices, or pavement markings.
- 3.18.10 The CONSULTANT understands and agrees that all persons entering and working in or around arriving international aircraft and facilities used by the various Federal Inspection Services agencies may be subject to the consent and approval of such agencies. Persons not approved or consented to by the Federal Inspection Services agencies shall not be employed by the CONSULTANT in areas under the jurisdiction or control of such agencies. Persons not approved or consented to by the Federal Inspection Services agencies who enter such areas are subject to fines, which shall be borne entirely by the persons and/or the CONSULTANT.
- 3.18.11 Notwithstanding the specific provisions of this Section, the Owner shall have the right to add to, amend, or delete any portion hereof in order to meet reasonable security requirements of MDAD or of the TSA/DHS/ CBP/FAA.
- 3.18.12 The CONSULTANT shall ensure that all employees so required participate in such safety, security, and other training and instructional programs, as MDAD or appropriate Federal agencies may from time to time require.
- 3.18.13 The CONSULTANT agrees that it will include in all contracts and subcontracts with its MIA SUBCONSULTANTS, service providers, and suppliers an obligation by such parties to comply with all security requirements applicable to their operations at the Airport. The CONSULTANT agrees that in addition to all remedies, penalties, and sanctions that may be imposed by TSA, DHS, CBP, FAA, or the MDAD upon the CONSULTANT's SUBCONSULTANTS, suppliers, and their individual employees for a violation of applicable security provisions, the CONSULTANT shall be responsible to the Owner for all such violations and shall indemnify and hold the Owner harmless for all costs, fines and penalties arising there from, such costs to include reasonable attorneys' fees.
- 3.18.14 In addition to the foregoing, the CONSULTANT shall be required to comply with the U.S. Customs and Border Protection (CBP) requirements for obtaining CBP seals for those CONSULTANT employees that will be involved within

the CBP/FIS environment at MIA. The CONSULTANT shall be responsible for all related fees for required bonding, fingerprinting, and background investigations of CONSULTANT personnel.

3.18.15 The employee(s) of the CONSULTANT shall be considered to be at all times its employee(s), and not an employee(s) or agent(s) of the County or any of its departments. The CONSULTANT shall provide employee(s) competent and physically capable of performing the Work as required. The County may require the CONSULTANT to remove any employee it deems unacceptable.

3.19 NON-EXCLUSIVITY: Notwithstanding any provision of this Non-Exclusive Agreement, the Owner is not precluded from retaining or utilizing any other CONSULTANT, or other CONSULTANT to perform any incidental Services, Additional Services, or other Professional Services within the contract limits defined in the Agreement. The CONSULTANT shall have no claim against the County as a result of the County, electing to retain or utilize such other CONSULTANT to perform any such incidental Services.

3.20 CONTINUED ENGAGEMENT OF CRITICAL PERSONNEL: In accordance with County Resolution No. 744-00, the CONSULTANT shall identify in Exhibit 3, attached hereto and made a part hereof, the specific technical or professional personnel to perform the necessary Services under this Agreement. Such personnel shall not be replaced except when the Owner determines, in its discretion, that the proposed replacement personnel has equal or greater qualifications or capabilities to perform the necessary Services.

3.21 CONSULTANT RESPONSIBILITY:

3.21.1 During the term of this agreement, the CONSULTANT shall satisfy and maintain all valid technical certifications as required under technical categories 9.01 Drilling, Subsurface Investigation and Seismographic Services, 9.02 Geotechnical and Materials Engineering Services, 9.03 Concrete and Asphalt Testing Services, 9.04 Non-Destructive Testing and Inspections, 9.05 Roof Testing and Consulting. . The CONSULTANT is responsible for the professional quality, technical accuracy, completeness, performance and coordination of all Work required under the Agreement (including the work performed by SUBCONSULTANTS), within the specified time period and specified cost. The CONSULTANT shall perform the Work utilizing the skill, knowledge, and judgment ordinarily possessed and used by a proficient consulting CONSULTANT with respect to the disciplines required for the performance of the work in the State of Florida. The CONSULTANT is responsible for, and represents that the work conforms to, the Owner's requirements as set forth in the Agreement. The CONSULTANT shall be and remain liable to the Owner for all damages in accordance with applicable law caused by any failure of the CONSULTANT or its SUBCONSULTANTS to comply with the terms and conditions of the Agreement or by the CONSULTANT's or SUBCONSULTANTS' misconduct, unlawful acts, negligent acts, errors, or omissions in the performance of the Agreement. The

CONSULTANT is responsible for the performance of Work by SUBCONSULTANTS and in approving and accepting such Work to ensure the professional quality, completeness, and coordination of SUBCONSULTANT's Work.

- 3.21.2 In addition to all other rights and remedies that the Owner may have, the CONSULTANT shall, at its expense, re-perform the Services to correct any deficiencies that result from the CONSULTANT's failure to perform in accordance with the above standards. The CONSULTANT shall also be liable for the cost of replacement or repair of any defective materials and equipment and re-performance of any non-conforming construction services resulting from such deficient CONSULTANT Services for a period from the commencement of this Agreement until twelve (12) months following final acceptance of the Work or for the period of design liability required by applicable law.
- 3.21.3 The Owner shall notify the CONSULTANT in writing of any deficiencies and shall approve the method and timing of the corrections. Neither Owner's inspection, review, approval, or acceptance of, nor payment for, any of the Work required under the Agreement shall be construed to relieve the CONSULTANT or any SUBCONSULTANT of its obligations and responsibilities under the Agreement, nor constitute a waiver of any of the Owner's rights under the Agreement or of any cause of action arising out of the performance of the Agreement.
- 3.21.4 Upon Owner's notification of deficient or defective work stemming from the CONSULTANT's services, the CONSULTANT shall have fourteen (14) days to respond to the Owner's claim. The Owner shall implement its procedure for administrative review of the claim with notification to the CONSULTANT of the findings from that review. Upon notification, the CONSULTANT shall have fourteen (14) days to request reconsideration of the findings.
- 3.22 CONSULTANT PERFORMANCE EVALUATION:** In accordance with Administrative Order 3-39 entitled "Standard Process for Construction of Capital Improvements, Acquisition of Professional Services, Construction Contracting, Change Orders, and Reporting", the CONSULTANT is advised that a performance evaluation of the services rendered throughout this Agreement will be completed by the Owner and kept in Miami-Dade County files for evaluation of future solicitations.
- 3.23 ENTIRETY OF AGREEMENT:** This Agreement represents the entire and integrated Agreement between the Owner and the CONSULTANT and supersedes all prior negotiations, representations, or agreements between the parties hereto, either written or oral, pertaining to the Project(s). This Agreement shall not be amended except by written Amendment.
- 3.24 PROMPT PAYMENT:** It is the policy of Miami-Dade County that payment for all purchases by County agencies and the Public Health Trust shall be made in a timely manner and that interest payments be made on late payments. In accordance with Florida Statutes,

Section 218.74 and Section 2-8.10.4.01, of the Miami-Dade County Code, the time at which payment shall be due from the County or the Public Health Trust shall be fourteen (14) calendar days from receipt of a proper invoice. All payments due from the County or the Public Health Trust, and not made within the time specified by this section, shall bear interest from thirty (30) days after the due date at the rate of one percent (1%) per month on the unpaid balance. Further, proceedings to resolve disputes for payment of obligations shall be concluded by final written decision of the County Mayor, or their designee(s), not later than sixty (60) days after the date on which the proper invoice was received by the County or the Public Health Trust.

3.25 CERTIFICATION OF WAGE RATES: In accordance with Florida Statute 287.055, 5(a), the CONSULTANT firm hereby certifies and warrants that wage rates and other factual unit costs, as submitted in support of the compensation provided are accurate, complete and current as of the date of this Agreement. It is further agreed that said compensation shall be adjusted to exclude any significant costs where the County shall determine that the Contract price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such Contract compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the Work by the County, or one (1) following the end of the Contract, whichever is later.

3.26 ETHICS COMMISSION: Pursuant to Section 2-11.1(y) of the Code of Miami-Dade County, The Ethics Commission shall be empowered to review, interpret, render advisory opinions and letters of instruction and enforce the Conflict of Interest and Code of Ethics Ordinance. Jurisdiction of the Ethics Commission shall automatically extend to Commissioners, the Mayor, autonomous personnel, quasi-judicial personnel, departmental personnel, employees, contract staff, advisory personnel, immediate family, lobbyists as defined in subsections (b) and (s) who are required to comply with the Conflict of Interest and Code of Ethics Ordinance; and any other person required to comply with the Conflict of Interest and Code of Ethics Ordinance including, but not limited to, CONSULTANT and vendors. In the event that the Ethics Commission does not assume jurisdiction as provided in the preceding sentence, the Ethics Commission may refer the complaint to the State Attorney for appropriate action. Notwithstanding the foregoing, the Ethics Commission shall not have jurisdiction to consider an alleged violation of subsection (c) if the requirements of subsection (c) have been waived for a particular transaction as provided therein. The term "contract staff" shall mean any employee and/or principal of an independent CONSULTANT, SUBCONSULTANT (of any tier), , designated in a contract with the County as a person who shall be required to comply with the provisions of Subsections 2- 11.1(g), (h), (j), (l), (m), (n) and (o) of the Conflict of Interest and Code of Ethics Ordinance. Prior to determining whether to designate a person as contract staff in a RFP, RFQ, bid or contract, the County Mayor or their designee shall seek a recommendation from the Executive Director of the Ethics Commission. The CONSULTANT must provide the Ethics Commission with a written report regarding its compliance with any restriction contained in the advisory opinion issued by the Ethics Commission to the CONSULTANT, SUBCONSULTANTS, or team members within ninety (90) days of each task assignment. The report must be submitted to the Executive Director, Commission on Ethics and Public Trust at 19 West Flagler St., Suite 207, Miami,

Florida 33130.

- 3.27 TRUTH IN NEGOTIATION:** Pursuant to A.O. 3-39 and Florida Statutes Chapter 287.055 5(a): For all lump-sum costs or costs plus a fixed fee contract in which a fee will exceed One Hundred Ninety-Five Thousand Dollars (\$195,000; 287.017 – category four), the County will require the firm receiving the award to execute a Truth-In-Negotiation Certificate as required by Chapter 287, Florida Statutes.
- 3.28 EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY):** CONSULTANT is required to enroll in the United States Citizenship and Immigration Services E-Verify system, and to utilize that system to verify the employment eligibility of all persons performing work for the CONSULTANT under this Agreement. CONSULTANT shall incorporate this requirement into all of its subcontracts as well.
- 3.29 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS:** The design of this project shall meet the standards delineated in the 2010 ADA Standards for Accessible Design.
- 3.30 ACCOUNTS RECEIVABLE ADJUSTMENTS:** In accordance with Miami-Dade County Implementing Order 3-9, Accounts Receivable Adjustments, if money is owed by the CONSULTANT to the County, whether under this Contract or for any other purpose, the County reserves the right to retain such amount from payment due by County to the CONSULTANT under this Contract. Such retained amount shall be applied to the amount owed by the CONSULTANT to the County. The CONSULTANT shall have no further claim to such retained amounts which shall be deemed full accord and satisfaction of the amount due by the County to the CONSULTANT for the applicable payment due herein.
- 3.31 ACCESS TO PUBLIC RECORDS:** The CONSULTANT shall comply with the Public Records Laws of the State of Florida, including but not limited to: (1) keeping and maintaining all public records that ordinarily and necessarily would be required by Miami-Dade County (County) in order to perform the service; (2) providing the public with access to public records on the same terms and conditions that the County would provide the records and at a cost that does not exceed the cost provided in Chapter 119, F.S., or as otherwise provided by law; (3) ensuring that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (4) meeting all requirements for retaining public records and transferring, at no cost, to the County all public records in possession of the CONSULTANT upon termination of the contract and destroying any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements upon such transfer. In addition, all records stored electronically must be provided to the County in a format that is compatible with the information technology systems of the County. Failure to meet any of these provisions or to comply with Florida's Public Records Laws as applicable shall be a material breach of the agreement and shall be enforced in accordance with the terms of the agreement.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION

OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE MIAMI DADE AVIATION RECORDS CUSTODIAN, EDMUNDO PORTA (305) 876-0933; EPORTA@FLYMIA.COM; MIAMI-DADE AVIATION DEPARTMENT, RISK MANAGEMENT & SUPPORT SERVICES, P.O. BOX 025504, MIAMI, FLORIDA 33102-5504.

- 3.32 ASPIRATIONAL POLICY REGARDING DIVERSITY:** Pursuant to Resolution No. R-1106-15 Miami-Dade County vendors are encouraged to utilize a diverse workforce that is reflective of the racial, gender and ethnic diversity of Miami-Dade County and employ locally-based small firms and employees from the communities where work is being performed in their performance of work for the County. This policy shall not be a condition of contracting with the County, nor will it be a factor in the evaluation of solicitations unless permitted by law.
- 3.33 FORCE MAJEURE:** Any delays in or failure of performance by CONSULTANT or OWNER, other than the payment of money, shall not constitute default hereunder if and to the extent such delays or failures of performance are caused by occurrences beyond the reasonable control of OWNER or CONSULTANT, as the case may be, including but not limited to, acts of God or the public enemy; compliance with any order or request of any governmental authority; fires, floods, explosion, accidents; riots, strikes, pandemics or other concerted acts of workmen, whether direct or indirect; or any causes, whether or not of the same class or kind as those specifically named above, which are not within the reasonable control of OWNER or CONSULTANT respectively. In the event that any event of force majeure as herein defined occurs, CONSULTANT shall be entitled to a reasonable extension of time for performance of its Services under this Agreement.

ARTICLE 4

PROFESSIONAL SERVICES TO BE PERFORMED

4.1 START OF WORK: No Services under this Agreement shall be performed by the CONSULTANT prior to the receipt of an appropriate Service Order or as indicated herein. Each Service Order shall specify

- the scope of work, time of completion, deliverables, method of payment and total compensation for the services authorized;
- the consequences for failure of the CONSULTANT to meet the DSCMP; and
- whether the services are Services, Additional Services, Work Site Services, or Dedicated Services.

A Service Order may be cancelled by written notice by the Owner to Consultant.

In the event the Director or his designee determines that it is necessary for the CONSULTANT to begin work prior to the issuance of a Service Order, the Director or his designee shall send a letter to the CONSULTANT authorizing the CONSULTANT to promptly begin work while the Service order is being finalized.

MDAD does not guarantee that a specific number of Services Orders will be issued or that any Service Orders will be issued to the CONSULTANT under this agreement at all. MDAD further does not guarantee that a certain amount of work or fees will be paid to the CONSULTANT under this agreement. MDAD specifically reserves the absolute right to determine which CONSULTANT in the pool will be issued a Service Order.

MDAD is involved in a significant Capital Improvement Program (CIP). This Program includes work by multiple Contractors in multiple locations. The scope of this Program covers the full range of capital construction from terminals, buildings, utilities, civil works, remodeling and refurbishments and infrastructure. It is the intent, but not the obligation, for MDAD to issue Service Orders to the selected CONSULTANT(S) in the pool on an as-needed, non-exclusive basis to assist MDAD in Construction Materials Testing Services.

Potential Services include, but are not necessarily limited to, the following that may be included in a Service Order at MDAD's Discretion for various projects within the CIP:

1. Provide Construction Material Testing (CMT) and Inspections.
2. Provide asphalt and concrete testing and inspection services.
3. Provide Roof Testing and Consulting services.
4. Provide geotechnical exploration services.
5. Provide Soil and Foundation Testing services.
6. Provide Materials Testing and Inspections services.

The Consultant will be required to prepare and distribute laboratory reports and field test results. The reports will need to be signed and sealed by a State of Florida Registered Professional Engineer.

4.2 PHASE 4 - BIDDING AND AWARD OF CONTRACT

4.2.1 The CONSULTANT shall assist the Owner in obtaining bids, responding in writing to Bidders' inquiries, preparation and issuance of addenda, evaluation of the bids and bidders, and the awarding of a Contract(s) for all or a portion of the Work that was bid pursuant to the Contract Documents. The CONSULTANT shall also participate in pre-bid conference(s), site-visit(s), walk-through(s), and attend the Bid opening.

4.3 MEETINGS AND REPORTS

4.3.1. Meetings: As part of providing the Services under this PSA, the CONSULTANT shall attend all meetings wherein information relating to the Service Order(s) are discussed and shall provide consultation to the Owner regarding such information. These meetings shall include, but shall not necessarily be limited to, regularly scheduled monthly meetings, whether regularly scheduled or specially called, as may be necessary to enable the CONSULTANT to coordinate their Services with, and provide information to and/or obtain information from, the Owner, its CONSULTANTs and contractors, and all others with whom coordination or liaison must take place in order to fulfill the intent and purposes of this Agreement and the Contract Documents. Unless otherwise directed by the Owner, the CONSULTANT shall prepare and disseminate in a timely manner meeting notices and agenda, briefing materials, meeting minutes, meeting reports, etc., appropriate to such meetings.

4.3.2 Reports: In addition to any specific reports called for elsewhere in this Agreement, the CONSULTANT shall submit to the Owner a monthly progress report of the status and/or results of all Services required to be performed under this Agreement. This Report shall be submitted with the invoice for Services performed during the corresponding period. Each report shall include but not be limited to: a brief narrative the progress made during the previous month; any problem(s) encountered during the month and any actions taken to solve or alleviate the problem(s); any changes which may have occurred in the projected dates of the events.. The CONSULTANT shall explicitly state recommendations for alleviating the delay and in subsequent monthly progress reports state whether or not the delay has been alleviated. Such report shall also relate the aggregate services performed to the total compensation paid and payable to the CONSULTANT hereunder for Service as set forth in the corresponding invoice for payment.

4.3.2.1 Materials Testing and Inspection Reports

For all materials testing and inspection services performed under this Agreement, the CONSULTANT shall obtain and submit to the Owner:

1. **Laboratory Testing Reports.** All laboratory reports generated from materials testing conducted during the reporting period, including but not limited to:

- test results,
- laboratory data sheets,
- calibration records where applicable,
- chain-of-custody documentation, and
- any laboratory certifications or accreditations relevant to the testing performed.

These laboratory reports shall be provided in full, without alteration, and shall clearly identify the materials tested, the testing methods used, the results obtained, and any deviations from standard testing procedures.

2. **A/E Certification.** A written report prepared by the Architect or Engineer of Record summarizing and interpreting the materials testing and inspection activities conducted. This report shall be **signed, dated, and sealed** by the responsible licensed architect or professional engineer, certifying:

- that the testing and inspection services were performed,
- that the laboratory reports submitted are complete and accurate, and
- that the results have been reviewed and are consistent with the requirements of the Project.

ARTICLE 5

COMPENSATION FOR SERVICES

Owner agrees to pay to the CONSULTANT and the CONSULTANT agrees to accept for all Services rendered pursuant to this Agreement, the amounts determined in accordance with this article. All allocations of money are for budgetary purposes only. The County, in issuing service orders, may transfer monies between such service categories without restraint, subject to the overall contract allocation for this Agreement. No payment will be made to the CONSULTANT for work performed without a Service Order. The CONSULTANT agrees that all such Services can be provided within the awarded amount of this Agreement.

5.1 COMPENSATION FOR SERVICES:

Unless otherwise authorized by Amendment to this Agreement, aggregate payments to the CONSULTANT for Services under Article 4, Additional Services and Reimbursable Expenses performed shall not exceed **TWENTY-FIVE MILLION DOLLARS (\$25,000,000.00) for five (5) PSA's** and shall be disbursed as reflected herein, unless additional payments up to the limits of the Allowance Account have been authorized.

The County shall assign work on a rotational basis, with new work being assigned the next firm in the rotation (for example, if Firm A is assigned the first work, Firm B will be assigned the second work assignment, Firm C will be assigned the third work assignment, and this process shall continue until such time as all firms in the pool have been assigned work, at which point Firm A will return to the head of the rotation for assignment). Notwithstanding, the County reserves the right to deviate from the rotation method where rotation will impact airport operations, create a risk to human health or property, or where conflicts of interest exist which cannot be mitigated; without limiting the preceding, factors that will be evaluated by the staff and presented to the Director or Director's designee for their approval in determining whether a deviation from the rotation method will be approved may include:

- Workload
- Capabilities of the team
- Schedule
- Familiarity with the location and infrastructure
- Conflict of Interest mitigation

No minimum amount of work or compensation will be assured to the retained consultants. In the event that the County assigns work outside the rotation, the rotation sequence will not alter or change once rotation is resumed. A firm that rejects work assigned to it pursuant to the rotation shall not be entitled to any additional work assignments until such time as the rotation resets and all other firms have been assigned work.

The County reserves the right to re-use the work products of the retained consultant and to retain other consultants outside of this pool to provide the same or similar services at its sole discretion. The Consultant is not entitled to any minimum amount of work, or any minimum amount of compensation.

The Miami-Dade Aviation Department shall determine the volume of work and monetary value amount awarded to each Firm/Consultant on an as needed basis.

5.1.1 Compensation to the CONSULTANT for Services shall be based as follows:

- 5.1.1.1 Fees based on negotiated rates listed in Appendix "A". For classifications identified in Appendix "A," specifically No. 18 "Utility Locator" and No. 19 "Underwater Testing," which may be required in the performance of the Services, the applicable compensation shall be negotiated at the time each Service Order is issued. Such compensation may be established on an hourly basis or as a negotiated lump sum, as determined appropriate for the scope of work.
- 5.1.1.2 Flat Rate: When approved based on resume qualifications and experience, compensation to the CONSULTANT for Services shall be on the basis of flat rates in accordance with the approved fee schedule included in 5.1.2.2 to this Agreement. Any other classifications that may be used during the course of performing the Services and the hourly rate for such classifications shall only be authorized by Service Order.
- 5.1.1.3 Multiple of Direct Salaries: Under this compensation basis, the CONSULTANT is compensated for the time of personnel engaged directly in performing Services under this Agreement. The compensation to be paid shall consist of the Direct Salaries of such personnel, as reported to the Director of the United States Internal Revenue Services, times a multiple of such Direct Salaries. A not-to-exceed cap for the total fee for assignments given under this compensation basis shall be established prior to the issuance of the initial Services Order.
- 5.1.1.4 Lump Sum Fee: The fee for any requested portion of Work may be, at the option of Miami-Dade Aviation Department, a lump sum amount mutually agreed upon by the Director and the Consultant. The lump sum fee will be estimated based on the direct salaries times the negotiated multiplier times the hours per employee, Designated lump sum fees shall be stated in the written task authorization. Lump sum fees shall NOT include any reimbursable expenses, which must be separately accounted for and paid based on original receipts and actual costs. **Additionally, the CONSULTANT and its Sub-Consultants are required to maintain project records that identify the employees that performed the work and the hours worked, in the event of an audit.**

5.1.1.5 Not to Exceed: Under this compensation basis, the CONSULTANT is compensated for the actual time of personnel engaged directly in performing Services under this Agreement. In addition, the CONSULTANT is compensated for other related services necessary to complete the required Services. A not to exceed cap for the total fee for each assignment given under this compensation basis shall be established prior to the issuance of the Service Order. The compensation method shall be in accordance with the compensation schedule as shown in 5.1.2.2 of this Agreement.

5.1.2 The Fee to the CONSULTANT based on a Multiple of Direct Salaries shall be determined as follows:

5.1.2.1 Compensation for the Principal shall be at the FLAT (application of any multiplier will not apply) rate of **\$225.00** per hour.

Principal(s) to be paid this rate is/are those listed by name in **Exhibit 2 - “Principals of the CONSULTANT”**, attached to this Agreement.

Upon mutual agreement between the Owner and the CONSULTANT, the Principals identified in **Exhibit 2 - “Principals of the CONSULTANT”**, may be substituted, provided the total number of Principals does not exceed the number of Principals originally listed.

5.1.2.2. Compensation for all personnel shall either be a direct labor multiplier of **2.85** times the direct salaries for all home office support personnel or a direct labor multiplier of **2.30** times the direct salaries for field office personnel unless otherwise changed as provided for hereinafter, the maximum rate of compensation for personnel (excluding the multiple of direct salary) shall be in accordance with the table below, Job Classifications and Maximum Raw Rates. If the Consultant elects to pay more than the rates listed below, the County is only liable to pay the rates below.

JOB CLASSIFICATION	MAXIMUM FLAT RATES
Principal	*\$225.00
	MAXIMUM RAW RATES
Project Engineer/Professional Engineer (Registered)	\$71.00
Senior Engineer	\$65.00
Design/Engineer Technician (Applies to all Sub Categories)	\$63.00
Inspector	\$54.00
Special Inspector	\$70.00

CADD Operator	\$42.00
BIM Manager	\$55.00
BIM Coordinator	\$53.00
BIM Technician	\$40.00
Clerical/Administrative Support	\$35.00

***Hourly Flat Rate**

The maximum FLAT (application of any multiplier will not apply) rate of compensation for all other office personnel, not listed above, including the multiple of Direct Salaries shall not exceed **\$238.00** per hour. The Owner reserves the right to adjust the maximum rate.

JOB CLASSIFICATION	MAXIMUM RAW RATES
Senior Field Representative	\$85.00
Assistant Field Representative	\$70.00
Inspector	\$57.00
Clerical /Administrative	\$35.00

The maximum FLAT (application of any multiplier will not apply) rate of compensation for all field personnel, not listed above, including the multiple of Direct Salaries shall not exceed **\$233.00** per hour. The Owner reserves the right to adjust the maximum rate.

5.1.2.3 The rates specified in the table above and Appendix “A” may be subject to a one-time adjustment during the contract renewal, by the lower of either the percentage increase in the Business Confidence Index (BCI) or the cost-of-living adjustment for the County non-union bargaining unit, should the Owner exercise the renewal option. The BCI adjustment is based on the percentage change of the BCI for the most recent month to BCI of the 12 previous months but cannot exceed 5% for each rate.

5.1.3 Compensation for authorized overtime services must be approved in writing by Owner prior to incurring overtime charges. For Employees that are salaried and are not required to be paid time and one-half for work over forty (40) hours in one week:

Forty (40) hours multiplied by the base pay rate (\$) multiplied by the appropriate multiple (M) based on whether the Services are Additional or Work Site; plus Hours Worked Beyond Forty (40) Hours During Week (Hrs.) multiplied by the pay rate (\$) multiplied by 1.1. Using conventions contained in Microsoft Excel, the equation for this would be:

$$(40*\$*M) + (Hrs*\$*1.1)$$

EXAMPLE

Hours worked during week = 50

Pay rate = \$30/hr.

Multiplier = 2.65

$$(40*30*2.65) + (10*30*1.1) = 3180+330 = \$3510 \text{ or}$$

For Employees that are on an hourly basis and are required to be paid at a time and one-half overtime rate for work over 40 hours in one week:

Hours Worked Beyond Forty (40) Hours During Week (Hrs.) multiplied by the premium pay rate (\$*1.5) and then multiplied by 1.1. Using conventions contained in Microsoft Excel, the equation for this would be:

$$(40*\$*M) + (Hrs*\$*1.5*1.1)$$

EXAMPLE

Hours worked during week = 50

Pay rate = \$30/hr.

Multiplier = 2.65

$$(40*30*2.65) + (10*30*1.5*1.1) = 3180+495 = \$3675$$

- 5.1.4 **NON-COMPENSABLE CHARGES:** CONSULTANT shall not invoice Owner for charges for office, rent or overhead expenses of any kind including but not limited to, insurance, local telephone and utility charges, office/drafting supplies, depreciation of equipment, professional dues, subscriptions, reproduction of drawings and/or specifications, mailing, stenographic, nor shall it invoice for other employee time or travel and substance not directly related to the project. The above Compensation shall cover all such costs pertinent to the Project.

5.1.4.1 When Services are authorized as a Multiple of Direct Salaries, the CONSULTANT shall submit the names, classification, salary rate per hour, applicable multiple, hours worked, and total charge for all personnel directly engaged on the Project.

- 5.2 INVOICES AND METHODS OF PAYMENT:** The CONSULTANT shall submit monthly invoices to the Project Manager, two (2) copies of a duly certified invoice for payments stating that the Services have been performed per this Agreement. A copy of the applicable Service Order shall accompany the original copy of the invoice. Invoices shall include the names, classification, salary rate per hour, hours worked, and total charge for all personnel directly engaged on the project. Additional format requirements, content and submittal date of the invoice shall be as specified by the Project Manager. The Owner shall make payment in accordance with the provisions of Chapter 218 of the Florida Statutes. However, the Owner may reject the invoice in whole or in part. If rejected, the Owner shall notify the CONSULTANT in writing specifying the deficiencies and corrective action required. If the Owner rejects only a part of the invoice, the Owner shall pay the undisputed portion of the invoice on a timely basis. Rejected or partially rejected invoices shall be corrected by the CONSULTANT and resubmitted to the Project Manager for payment. Resubmitted partially rejected invoices shall separately indicate the previously undisputed amount of the invoice.
- 5.3 PAYMENTS TO SUBCONSULTANT:** All payments to SUBCONSULTANT(s) employed hereunder shall be the sole responsibility of the CONSULTANT unless otherwise provided for herein or within a Service Order. The CONSULTANT shall, upon receipt of progress and/or final billing(s) from such SUBCONSULTANT(s) for Services satisfactorily performed incorporate such billing(s) in the manner and to the extent appropriate to the applicable payment basis(es), in the next following invoice submitted by the CONSULTANT to the Owner. The CONSULTANT shall not submit invoices which include charges for Services by SUBCONSULTANT(s), unless such Services have been performed satisfactorily and the charges are payable to such SUBCONSULTANT(s) pursuant to this Agreement. The CONSULTANT shall make all payments to such SUBCONSULTANT(s) promptly following receipt by CONSULTANT of corresponding payment from the Owner. Prior to any payments to SUBCONSULTANT(s), the CONSULTANT shall, if requested by the Project Manager, furnish to the Owner a copy of the agreement(s) providing for such payments.

5.4 SUBCONTRACTOR/SUBCONSULTANT REPORTING: Pursuant to Sections 2-8.1 and 10.34 of the Code of Miami-Dade County, the CONSULTANT must report to the County the race, gender, and ethnic origin of the owners and employees of its first tier SUBCONTRACTORS/SUBCONSULTANTS via the Business Management Workforce System (BMWS) at <http://mdcsbd.gob2g.com>. The race, gender, and ethnic information must be submitted via BMWS as soon as reasonably available and, in any event, prior to final payment under the contract. The CONSULTANT shall not change or substitute first tier SUBCONTRACTORS/SUBCONSULTANTS or direct suppliers or the portions of the contract work to be performed or materials to be supplied from those identified except upon written approval of the County. Additionally, in accordance with Section 2-8.8 of the Code, as a condition of final payment under a contract, the CONSULTANT shall identify SUBCONTRACTORS/SUBCONSULTANTS used in the Work, the amount of each subcontract, and the amount paid and to be paid to each SUBCONTRACTORS/SUBCONSULTANTS via BMWS. The CONSULTANT shall be responsible for reporting all payments to SUBCONTRACTORS and SUBCONSULTANTS must confirm the reported payments, via BMWS, within the specified time frame. In the event that the CONSULTANT intends to pay less than the subcontract amount, the CONSULTANT shall deliver to the County a statement explaining the discrepancy or any disputed amount.

5.5 CONSEQUENCE FOR NON-PERFORMANCE: The cost of any damages incurred by the Owner as a result of errors or omissions in the CONSULTANT's services and/or of the CONSULTANT's failure to complete its services in the time specified in a Service Order shall be deducted by the Owner from each invoice until such time as the cost of those damages have been fully recovered by the Owner.

5.6 PAYMENT FOR TERMINATED, SUSPENDED, OR ABANDONED SERVICES: In the event of termination or suspension of the Services or abandonment of the Agreement, the CONSULTANT shall be compensated as provided for below.

5.6.1 Payment for Services completed and approved prior to receipt by the CONSULTANT of notice of termination, abandonment, or suspension for which payment has not yet been made to the CONSULTANT by the Owner, shall be made in the same manner as would have been required had such action not occurred.

5.6.2 For Services partially completed and satisfactorily performed prior to receipt by the CONSULTANT of notice of termination, abandonment, or suspension, the CONSULTANT shall be compensated on the basis of payment in the same manner as would have been required had such action not occurred, adjusted to the level of the completed portion of the Service. A claim by the CONSULTANT for compensation shall be supported by such data as the Owner may reasonably require. In no case shall fees for partially completed Services exceed the fees that would have been paid for such Services had they not been terminated, abandoned, or suspended.

5.6.3 Upon payment to the CONSULTANT for Service associated with abandoned,

terminated or suspended Services in accordance with this article, the CONSULTANT shall have no further claim for Services related to the abandoned, terminated or suspended Services.

5.6.4 No payment shall be made by the Owner to the CONSULTANT for loss of anticipated profit(s) from any abandoned, terminated or suspended Services.

5.7 PAYMENT FOR REIMBURSABLE EXPENSES: Reimbursable Expenses as described in Article 7 “Reimbursable Expenses” of this Agreement will be reimbursed by the Owner as verified by appropriate bills, invoices, or statements. The CONSULTANT shall not apply or add profit, overhead expenses or multipliers to reimbursable expenses.

5.8 CONTINGENCY ALLOWANCE ACCOUNTS: Pursuant to Section 2-8.1 of the Code, an Allowance of ten percent (10%) of the project base estimate, not exceeding **TWO MILLION FIVE HUNDRED THOUSAND DOLLARS (\$2,500,000.00) for work to be assigned amongst five (5) PSAs**, may be used by the Owner for unforeseen conditions. Any Allowance Account expenses shall be approved by the Owner in advance and authorized by a Service Order. Any portion of this sum for which payment is not authorized in writing by the Project Manager shall remain the property of Owner.

5.9 INSPECTOR GENERAL AUDIT ACCOUNT: An audit account is hereby established to pay for mandatory random audits by the County’s Inspector General pursuant to County Code Section 2-1076. The amount for the Inspector General Audit Account is hereby set at **SIXTY-EIGHT THOUSAND SEVEN HUNDRED FIFTY DOLLARS (\$68,750.00) for work to be assigned amongst five (5) PSAs**. The CONSULTANT shall have no entitlement to any of these funds. The Owner retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from these audit accounts remain the property of the County.

5.10 ART IN PUBLIC PLACES (APP) ACCOUNT: Not Applicable

5.11 COMPENSATION FOR RENEWAL OPTIONS: The Owner, as its sole discretion, may exercise the renewal options of this Agreement beyond the initial Term, as provided herein. If, at its sole option, the Owner extends the Agreement beyond the initial Term, as provided herein, the compensation for any single renewal option shall be a not to exceed amount of **THIRTEEN MILLION SEVEN HUNDRED EIGHTY-FOUR THOUSAND THREE HUNDRED SEVENTY-FIVE DOLLARS (\$13,784,375.00), including 10% Contingency Allowance and .0025 Inspector General Fee**, and shall be inclusive in the total amount reflected in Sub-article 5.12 “Total Authorized Amount for This Agreement”. Any portion of this sum for which payment is not authorized in writing by the Project Manager shall remain the property of the Owner.

5.12 TOTAL AUTHORIZED AMOUNT FOR THIS AGREEMENT: The Total Authorized Amount for this Agreement is **FORTY-ONE MILLION, THREE HUNDRED FIFTY-THREE THOUSAND, ONE HUNDRED TWENTY-FIVE DOLLARS (\$41,353,125.00)**. The Owner retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from this authorized agreement amount remain the property of the Owner.

ARTICLE 6

EQUAL EMPLOYMENT OPPORTUNITY CLAUSE:

During the performance of this Contract, the CONSULTANT agrees as follows:

(1) The CONSULTANT will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The CONSULTANT will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONSULTANT agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The CONSULTANT will, in all solicitations or advertisements for employees placed by or on behalf of the CONSULTANT, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The CONSULTANT will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the CONSULTANT's legal duty to furnish information.

(4) The CONSULTANT will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the CONSULTANT's commitments under this section 202 of Executive Order 11246 and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The CONSULTANT will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The CONSULTANT will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the CONSULTANT's noncompliance with the nondiscrimination clauses of this Contract or with any of the said rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the CONSULTANT may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The CONSULTANT will include the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each SUBCONSULTANT or vendor. The CONSULTANT will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions, including sanctions for noncompliance: *Provided*, however, that in the event a CONSULTANT becomes involved in, or is threatened with, litigation with a SUBCONSULTANT or vendor as a result of such direction, the CONSULTANT may request the United States to enter into such litigation to protect the interests of the United States.

**STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS**

1. As used in these specifications:

- a. "Covered area" means the geographical area described in the solicitation from which this contract resulted;
- b. "Director" means Director, Office of Federal Contract Compliance Programs (OFCCP), U.S. Department of Labor, or any person to whom the Director delegates authority;
- c. "Employer identification number" means the Federal social security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941;
- d. "Minority" includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);

(3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and

(4) American Indian or Alaskan native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR part 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each contractor or subcontractor participating in an approved plan is individually required to comply with its obligations under the EEO clause and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other contractors or subcontractors toward a goal in an approved Plan does not excuse any covered contractor's or subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in a geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:

a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other onsite supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

c. Maintain a current file of the names, addresses, and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source, or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.

d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.

f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions including specific review of these items with onsite supervisory personnel such as superintendents, general foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other contractors and subcontractors with whom the Contractor does or anticipates doing business.

i. Direct its recruitment efforts, both oral and written, to minority, female, and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer, and vacation employment to minority and female youth both on the site and in other areas of a contractor's work force.

k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR part 60-3.

l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel, for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.

m. Ensure that seniority practices, job classifications, work assignments, and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.

n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

p. Conduct a review, at least annually, of all supervisor's adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations, which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant may be asserted as fulfilling any one or more of its obligations under 7a through 7p of these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination, and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR part 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government, and to keep records. Records shall at least include for each employee, the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g. those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

ARTICLE 7

REIMBURSABLE EXPENSES

The following activities and entities may be considered as Reimbursable Expenses under this Agreement. Any Reimbursable Expenses shall be approved by the Owner in advance and authorized by a Service Order.

- 7.1** SUBCONSULTANTS not included as part of the original CONSULTANTS team, when recommended by the CONSULTANT, and approved by the Owner in writing, and when in the opinion of the CONSULTANT, said SUBCONSULTANT services are necessary of the accomplishment of the Services.
- 7.2** In the event the CONSULTANT is assigned a project within the Customs area and the CONSULTANT is required to obtain an Airport Customs Security Bond, the Department shall reimburse the CONSULTANT the cost of the premium for such bond, as substantiated by the invoice.
- 7.3** All costs for printing and reproduction, in excess of that required under Services, will be reimbursed at the same rate paid by the Owner to its vendors. Printing costs for internal coordination, reviews, and other in-house uses will not be reimbursed.
- 7.4** Living and traveling expenses of employees and principals, when away from Miami-Dade County on business in conjunction with authorized Additional Services, as limited by Miami-Dade County A.O. 6-1, "Travel on County Business" and County Resolution No. R-1345-03. For purpose of this Agreement, all personnel are assumed to be residents of Miami-Dade County and all travel would originate in Miami-Dade County. Records must include employee name, dates, points of travel, mileage rate, lodging, and meals.
- 7.5** Building Information Modeling (BIM) software license fees (if applicable) for license obtained under the Owner's name will be reimbursed.
- 7.6** Stormwater, engineering and Building Information Modeling (BIM) software license fees for license obtained under the Owner's name will be reimbursed.

ARTICLE 8

SPECIAL PROVISIONS

8.1 The scope of this Project shall include, but not limited to:

The purpose of the subject Professional Services Agreement (PSA) is to have a pool of five (5) Architectural and Engineering (A&E) consultants assist during the construction of various Capital Improvements Program (CIP) projects as required by the construction documents and the Authority Having Jurisdiction (AHJ). Experienced engineers and technicians are required to perform the testing, inspection, and engineering services for the following scopes of work:

- Provide Construction Material Testing (CMT) and Inspections
- Provide Asphalt and Concrete Testing and Inspection Services including conducting Core Samples
- Provide Geotechnical Exploration Services
- Provide Soil and Foundation Testing Services
- Provide Materials Testing and Inspections Services
- Provide Roof Testing including conducting Core Samples and Consulting

8.2 At the request of the Department, at any given time, the CONSULTANT may be required to provide services for more than one (1) project, and/or for more than one (1) Airport.

8.3 The deduction of one quarter (1/4) of one (1) percent from each progress payment to pay for the functions of the Office of Inspector General is inapplicable because this Contract is either financed by aviation revenue bonds or funded by aviation revenue, which are subject to federal regulations.

8.4 Pursuant to Article 2.1, the CONSULTANT shall be furnished with the following documents, or access thereto, as referenced in Services as necessary to provide the services identified in the Service Orders: Design Guidelines Manual, Design Deliverables Requirements Manual, Construction Inspection Manual and BIM Manual, copies of the construction contracts assigned to the CONSULTANT to provide services under this agreement.

8.5 The CONSULTANT shall be responsible for all transportation to, from and within the project site for all services at no additional cost to the owner.

8.6 ORGANIZATIONAL CONFLICT OF INTEREST:

1. Policy

It is the policy of the County, implemented through this section, to identify, analyze and address organizational conflicts of interest that might otherwise exist in order to maintain the public's trust in the integrity and fairness of the County's contracting for the Capital Improvement Program CIP ("the Program") and to protect the business interests of the County, thereby safeguarding public dollars. This policy shall be

supplemental to and not in derogation of any other requirements of law relating to conflicts of interest including, but not limited to, the County's Code of Ethics.

2. Definitions

Organizational conflict of interest situation in which the CONSULTANT : (a) under this Agreement, or any part thereof, including a particular work order or defined task, is required to exercise judgment to assist the County in a matter such as in drafting specifications or assessing another CONSULTANT's or CONSULTANT's proposal or performance and the CONSULTANT has a direct or indirect financial or other interest at stake in the matter, so that a reasonable person might have concern that when performing work under the contract, the CONSULTANT may be improperly influenced by its own interests rather than the best interest of the County, or (b) would have an unfair competitive advantage in a County competitive solicitation as a result of having performed work on this Agreement that puts the CONSULTANT in a position to influence the result of the solicitation.

Affiliates: business concerns are affiliates of each other when either directly or indirectly one concern or individual controls or has the power to control another, or when a third-party controls or has the power to control both.

Sub-CONSULTANTS: firms under contract with the CONSULTANT under this Agreement.

3. Certification of no organizational conflict of interest

The CONSULTANT: (a) execution of this Agreement or any work order and/or (b) making a claim for payment under this Agreement, constitutes the CONSULTANT's certification to the County that the CONSULTANT or its SUBCONSULTANTS do not have knowledge of any organizational conflicts of interest that exists in performing the work under this Agreement. False certifications may be considered a material breach of the Agreement, and the CONSULTANT may be liable to the County for a false claim under the County's false claim ordinance. At any time during the performance of the Agreement, the County may require the CONSULTANT to execute an express written certification that after diligent inquiry the CONSULTANT does not have knowledge of any organizational conflict of interest. The County may also require the CONSULTANT to set forth in writing the scope of the inquiry conducted to make the express certification. Failure to make diligent inquiry, to disclose a known conflict or potential conflict, or to execute the documents required to be produced may be considered a material breach of the contract and may disqualify the CONSULTANT or its SUBCONSULTANTS from award of other County professional service agreements.

4. Identification of organizational conflict of interest

The CONSULTANT and its SUBCONSULTANTS shall be obligated to disclose to the County any organizational conflict of interest which may exist or arise during the performance of this Agreement, or the potential for such conflicts to occur, immediately upon the discovery of such actual or potential conflict. The disclosure shall be in writing, addressed to the Director or their designee. The disclosure shall identify the organizational conflict of interest with sufficient detail for the County's

analysis and shall propose a method to address the same. Such disclosure shall be simultaneously reported to the Office of the Inspector General (OIG) and the Commission on Ethics and Public Trust (COE). The CONSULTANT /SUBCONSULTANT's failure to identify an organizational conflict of interest, or to disclose the same to the County in the manner set forth in this Section, may be considered a material breach of the Agreement. In addition, in any subsequent solicitation for professional services for which the CONSULTANT or its SUBCONSULTANTS compete for award, the CONSULTANT and/or its SUBCONSULTANTS shall identify and address any potential organizational conflict of interest as between that solicitation and this Agreement or the work hereunder, particularly in those instances where the CONSULTANT offers to use the same SUBCONSULTANTS which may be primes or SUBCONSULTANTS in other Program contracts where such use is not specifically prohibited by the advance restrictions set forth in this policy. The potential for organizational conflicts of interest, and the methodology offered to prevent organizational conflicts of interest, may be evaluated by the County as a criterion for selection as set forth in the applicable competitive solicitation documents.

5. Addressing organizational conflicts of interest

The County will analyze and address organizational conflicts of interest on a case-by-case basis, because such conflicts arise in various, and often unique, factual settings. The Director of MDAD, subject to the approval of the Executive Director of the Commission on Ethics or their designee, shall make the decision of how to address an organizational conflict of interest. The Executive Director of the Commission on Ethics or their designee shall render its determination promptly to avoid impacting the Program. The County shall consider the specific facts and circumstances of the situation and the nature and potential extent of the risks associated with an organizational conflict of interest when determining what method or methods of addressing the conflict will be appropriate. When an organizational conflict of interest is such that it risks impairing the integrity of the Program, then the County must take action to substantially reduce or eliminate those risks. If the only risk created by an organizational conflict of interest is a performance risk relating to the County's business interests, then the County shall have broader discretion in accepting some or all of the performance risk, but only when the potential harm to the County's interest is outweighed by the expected benefit from having the conflicted CONSULTANT perform the Agreement. The County shall balance risks created by any organization conflict of interest against potential impacts to the Community Business Enterprise community in analyzing the appropriate method of addressing any organizational conflict of interest. Notwithstanding the preceding, the County's decision as to the existence of, and/or remedy for, any organizational conflict of interest shall be wholly binding on the CONSULTANT and shall be made in the County's sole and complete discretion.

6. Measures to address organizational conflicts of interest

The measure, or combination of measures, which may be appropriate to address an organizational conflict of interest, if any, shall be decided by the Director of MDAD and include, but are not limited to: (a) avoidance of risk through reduction of subjectivity in the analysis or by defining work tasks and deliverables with specificity,

(b) requiring the CONSULTANT and/or its SUBCONSULTANTS to implement structural barriers (firewalls) and internal corporate controls, (c) limiting the CONSULTANTS or SUBCONSULTANT or the specific personnel to be involved in a work assignment, (d) employing specific hourly limits on defined tasks, (e) limiting or prohibiting certain pass through fees and markups, (f) executing a mitigation plan which will define specific CONSULTANT and SUBCONSULTANT duties to mitigate organizational conflicts of interest, (g) requiring SUBCONSULTANTS who are conflict free to perform identified areas of work, (h) requiring the CONSULTANT or its SUBCONSULTANTS to adopt, disseminate and instruct staff on conflict of interest identification and remediation procedures and (i) relying on more than one source or on objective or verifiable data or information.

7. Documentation and evaluation

The Director of MDAD will set forth in the Agreement file a written explanation of the methodology used to address an identified organizational conflict of interest. The County shall periodically evaluate the effectiveness of the methodology in the protection of the Program. Upon the rendering of a decision regarding the resolution of a reported conflict of interest, a copy of such finding shall be forwarded to the OIG and the COE.

8. Organizational conflicts of interest which are not remedied

If in the sole discretion of the County there is no measure or combination of measures which protect the County against the organizational conflict of interest, the County may require that the CONSULTANT cease the activity which creates a conflict with this Agreement. Failure to abide by this requirement shall result in the CONSULTANT being in breach of this Agreement. In addition, the County may without penalty decline to award future professional service agreements or other contracts to the CONSULTANT or its SUBCONSULTANTS if the award of such agreement or conflict with result in a conflict which cannot be remedied.

9. Conflicts Which Cannot Be Mitigated

For work funded in whole or part by the Federal government, a consultant that develop or draft specifications, requirements, statements of work, or invitations for bids or requests for proposals must be excluded from competing for such procurements as either the Architect/Engineer, the CONSULTANT, or member of a Design-Build Team or entity, as applicable.

8.7 ACCESS TO RECORDS AND REPORTS: The CONSULTANT must maintain an acceptable cost accounting system. The CONSULTANT agrees to provide the Owner, the Federal Aviation Administration, and the Comptroller General of the United States or any of their duly authorized representatives' access to any books, documents, papers, and records of the contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The CONSULTANT agrees to maintain all books, records and reports required under this contract for a period of not less than three years after final payment is made and all pending matters are closed.

8.8 BUY AMERICAN PREFERENCE: Service Orders that include providing a manufactured good as a deliverable under the contract must comply with 49 USC § 50101 and BABA.

8.9 CERTIFICATION REGARDING DOMESTIC PREFERENCES FOR PROCUREMENTS: The bidder or CONSULTANT certifies by signing and submitting this bid/proposal that, to the greatest extent practicable, the bidder or CONSULTANT has provided a preference for the purchase, acquisition, or use of goods, products, or material produced in the United States (including, but not limited to, iron, aluminum, steel, cement and other manufactured products) in compliance with 2 CFR § 200.322.

8.10 PROCUREMENT OF RECOVERED MATERIALS: CONSULTANT and SUBCONSULTANT agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this Contract and to the extent practicable, the CONSULTANT and SUBCONSULTANTS are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

- a) The Contract requires procurement of \$10,000 or more of a designated item during the fiscal year; or
- b) The Contractor has procured \$10,000 or more of a designated item using Federal funding during the previous fiscal year.

The list of EPA-designated items is available at www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products.

Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the CONSULTANT can demonstrate the item is:

- a) Not reasonably available within a timeframe providing for compliance with the Contract performance schedule;
- b) Fails to meet reasonable Contract performance requirements; or
- c) Is only available at an unreasonable price.

8.11 ENERGY CONSERVATION REQUIREMENTS: CONSULTANT and SUBCONSULTANT agree to comply with mandatory standards and policies relating to energy efficiency as contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6201 *et seq*).

8.12 SEISMIC SAFETY: In the performance of design services, the Consultant agrees to furnish a building design and associated construction specification that conform to a building code standard that provides a level of seismic safety substantially equivalent to standards as established by the National Earthquake Hazards Reduction Program (NEHRP). Local building codes that model their building code after the current version of the International Building Code (IBC) meet the NEHRP equivalency level for seismic safety. At the conclusion of the design services, the Consultant agrees to furnish the Owner a “certification of compliance” that attests conformance of the building design and the

construction specifications with the seismic standards of NEHRP or an equivalent building code.

- 8.13 TEXTING WHEN DRIVING:** In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving" (10/1/2009) and DOT Order 3902.10, "Text Messaging While Driving" (12/30/2009), the FAA encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing Work related to a grant or subgrant.

In support of this initiative, the Owner encourages the CONSULTANT to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the Project. The CONSULTANT must include the substance of this clause in all sub-tier contracts exceeding \$10,000 and involve driving a motor vehicle in performance of work activities associated with the Project.

- 8.14 DISADVANTAGED BUSINESS ENTERPRISES:** Refer to Exhibit 4.

- 8.15 DAVIS-BACON REQUIREMENTS:** Not Used

- 8.16 VETERAN'S PREFERENCE:** In the employment of labor (excluding executive, administrative, and supervisory positions), the CONSULTANT and all SUB-CONSULTANTS must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 U.S.C. 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the Work to which the employment relates.

- 8.17 BREACH OF CONTRACT TERMS:** Any violation or breach of terms of this contract on the part of the CONSULTANT or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement.

Owner will provide CONSULTANT written notice that describes the nature of the breach and corrective actions the CONSULTANT must undertake in order to avoid termination of the contract. Owner reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or the Owner elects to terminate the contract. The Owner's notice will identify a specific date by which the CONSULTANT must correct the breach. Owner may proceed with termination of the contract if the CONSULTANT fails to correct the breach by the deadline indicated in the Owner's notice.

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

8.18 U.S. SOCCER FEDERATION 2026 WORLD CUP: The terms of this Agreement are subordinate to the terms of the Airport Agreement submitted by Miami-Dade County to the United States Soccer Federation on February 21, 2018, pursuant to Board of County Commissioners' Resolution No. R-187-18. In carrying out its obligations under this Agreement, CONSULTANT shall not take or omit any action which is inconsistent with, or in derogation of, the County's obligations under the Airport Agreement. Where the CONSULTANT's rights or obligations under this Agreement are in conflict with the County's obligations under the Airport Agreement, and upon notice by the County to CONSULTANT, the terms of this Agreement shall be deemed conformed to the County's obligations under the Airport Agreement. Where such conformance would cause a material change in this Agreement, CONSULTANT shall have the right, upon written notice to the County within five (5) days of receipt of notice of such a conflict, to terminate this Agreement for convenience; in such termination, the CONSULTANT shall have no cause of action for money damages of any kind, including but not limited to direct damages, unamortized costs or debt, stored or ordered materials, indirect damages, lost profits, loss of opportunity, loss of goodwill, or otherwise. In the event that the CONSULTANT does not elect to terminate this Agreement within the time specified herein, this Agreement shall be deemed to have been amended via consent of the parties to conform its terms to the requirements of the Airport Agreement, but only to the extent needed to avoid conflict with same.

NOTE: The Agreement between Miami-Dade County and the U.S. Soccer Federation is available at:
<http://www.miamidade.gov/govaction/legistarfiles/MinMatters/Y2018/180129min.pdf>

8.19 CHANGE ORDERS OR AMENDMENTS: Notwithstanding and prevailing over any other provision of this Agreement to the contrary, the County Mayor or County Mayor's designee may exercise the provisions of Section 2-285.2 (4) (d) and (e) of the Code of Miami-Dade County. Individual change orders or amendments shall not exceed ten (10) percent of the base Contract price in cumulative percentage amount; provided however, that the foregoing limitation shall not apply to any change order or amendment related to emergency actions impacting remediation, public safety, health requirements or recovery from natural disaster and the foregoing change orders and amendments shall require ratification by the Board; provided further that the County Mayor or their designee may reduce in any amount the scope and compensation payable under this Agreement and grant compensable and non-compensable time extensions thereunder. Pursuant to Section 2-285.2 (6), the County Mayor or the County Mayor's designee's award and execution of this Contract is subject to ratification by the Board of County Commissioners. If the County Mayor or the County Mayor's designee's action is not ratified, and such legislative action becomes final, this Agreement shall be deemed terminated without further notice. In such event, the CONSULTANT shall not be entitled to recovery of any lost profits or other consequential or indirect damages. However, the CONSULTANT is eligible for payment for any Work done prior to failure of the ratification, in accordance with the **Article 5** of this Agreement.

8.20 TRUST AGREEMENT:

1. **Incorporation of Trust Agreement by Reference:** Notwithstanding any of the terms, provisions and conditions of this Agreement, it is understood and agreed by the parties hereto that, to the extent of any inconsistency with or ambiguity relating to the terms and conditions of this Agreement, and the level of rents, fees or charges required hereunder and their periodic modification or adjustment as may be required by the provisions of the Trust Agreement dated as of the 15th day of December, 2002 as by and among the County and the JP Morgan Chase Bank as Trustee and Wachovia Bank, National Association as Co-trustee (“the Trust Agreement”), shall prevail and govern at all times during the Term of this Agreement. Copies of the Trust Agreement are available for inspection in the offices of the Department during normal working hours.
2. **Adjustment of Terms and Conditions:** If, at any time during the Term of this Agreement, a Federal agency or court of competent jurisdiction shall determine that any of the terms and conditions of this Agreement, including the rentals, fees and charges required to be paid hereunder to the County by the Lessee or by other Lessees under other Agreements of the County for the lease or use of facilities used for similar purposes, are unjustly discriminatory, the County shall have the right to modify such terms and conditions and to increase or otherwise adjust the rentals, fees and charges required to be paid under this Agreement in such a manner as the County shall determine is necessary and reasonable so that the rentals, fees and charges payable by the Lessee and others shall not thereafter be unjustly discriminatory to any user of like facilities and shall not result in any violation of the Trust Agreement or in any deficiency in revenues necessary to comply with the covenants of the Trust Agreement. In the event the County has modified the terms and conditions of this Agreement, including any adjustment of the rentals, fees and charges required to be paid to the County pursuant to this provision, this Agreement shall be amended to incorporate such modification of the terms and conditions including the adjustment of rentals, fees and charges upon the issuance of written notice from the Department to the Lessee.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their appropriate officials as of the date first above written.



CONSULTANT (CORPORATION)

Terracon Consultants, Inc.

Legal Name of Corporation

ATTEST:

Secretary: *Patrick L. Courtney*

Signature and Seal

Patrick L. Courtney

Type Name

Donald J. Vrana

By: _____

CONSULTANT - Signature

Donald J. Vrana/Executive VP, CFO

Type Name & Title

CONSULTANT (INDIVIDUAL, PARTNERSHIP, OR JOINT VENTURE)

Legal Name

Witness: _____ By: _____

Signature

Witness: _____ By: _____

Signature

FEIN _____

MIAMI-DADE COUNTY BOARD OF COUNTY COMMISSIONERS

By: _____

Mayor

**ATTEST: Juan Fernandez-Barquin,
Clerk of the Court and Comptroller**

BY: _____

(Miami-Dade County Seal)

Approved for Form and Legal Sufficiency

(Assistant County Attorney)

EXHIBIT 1

Job Classification Descriptions

Principal in Charge

Project Principal with corporate responsibility for program implementation. Client point of contact for all project related matters, including but not limited to staffing, contracts, changes, and other executive responsibilities.

Project Engineer / Professional Engineer (Registered)

Provide engineering support project. Registration with Florida State board of Professional Engineers is required.

Senior Engineer

Individual experienced in their respective field of engineering. Experienced in the planning, design, preparation of construction documents and administration of construction contracts. Must work directly under the supervision of a Professional Engineer.

Design/Engineer Technician (Applies to all Sub Categories)

Individual with a minimum of 5 years of satisfactory experience providing design/engineer services for a particular project. This shall include extensive experience with multiple purpose facilities as well as in collaborating with the Architects, Engineers and CONSULTANTS. Registration with Florida State board of Professional Engineers is not required.

Inspector

Individuals with over 5 years of experience in evaluating plans and specifications for construction projects to ensure conformance with regulations. Conducting field inspections to inspect standards of building structures and materials to measure compliance with regulations.

Special Inspector

Individual with over 10 years of experience and a four-year college degree preferred. Certified by the County to perform Special Types of Inspections. Candidate will monitor CONSULTANT compliance with Special Inspections per County requirements. Will furnish inspection reports and will be responsible for coordination daily inspection of construction withing a given discipline to ensure the project complies with plans and specifications, be proactive and alert to issues that may come up in the field, propose solutions and mitigate those problems.

CADD Operator

Coordinate project interface requirements with special emphasis on electronic drawing file exchange. Participate in the Quality Assurance Program's Design and Technical Reviews for compliance to CAD standards. Coordination with Project Managers and A/E of each project to implement CAD standards and to evaluate CAD files at various submittal stages. Maintain and

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update, Phasing Plans, MOT plans and Life Safety Plans.

Building Information Modeling (BIM) Manager

Responsible for implementing all the procedures in BIM and Digital Construction during the design, construction, and handover of a project. The primary role of a BIM Manager is to manage and oversee the BIM process throughout the construction project lifecycle, collaborate with all applicable stakeholders to comply with established BIM project requirements, coordinate BIM quality control standards, conduct audits of BIM models to verify compliance, maintain documentation related to BIM standards, processes, and guidelines, and be the point of contact for all BIM related issues. Key roles and responsibilities of a BIM manager include:

Managing software licenses including overseeing the installation of new software versions, Managing the implementation of BIM supporting software, researching new BIM related software, Keeping the organization informed about best practices in BIM and BIM software.

help project teams to set up and maintain BIM projects, training of staff, consultants, CONSULTANTS, and other stakeholders. Individual with a minimum of five (5) years of experience in BIM management in design and construction projects, knowledge of Laser Scan and Drone technologies and must be proficient in BIM software such as Autodesk Revit, Navisworks and other relevant tools. Relevant certifications in BIM management (e.g., Autodesk Certified Professional) is desirable, but not required.

BIM Coordinator

Primary responsibility is to ensure that all members of the project team are following the BIM Execution Plan. This includes but is not limited to making sure that everyone is using the correct and latest software, exchanging data per schedule(s), and adhering to the model standards set forth in the plan. Leverage BIM effectively to reduce waste and costs on the job site by preventing design errors, omissions, or conflicts, as well as assisting in obtaining proper permits, approvals, and inspections. Assisting during the project construction with faster processes and better-quality outcomes for all involved parties. Responsible for training new team members on BIM processes and maintaining the BIM models throughout the project lifecycle. Create detection reports and assist in conflict detection resolution. Thorough understanding of the software, project goals, project scope, and familiar with industry standards like ISO 19650. At least five years of experience in BIM.

BIM Technician

Responsible for using BIM software and digital tools to create, manage, and collaborate on 3D models of built structures and environments. A BIM technician may have different duties and responsibilities depending on the project and the team, but some common tasks include: Reviewing and accepting BIM models on behalf of owner, taking information from multiple plans and incorporating them into a single computer model, laying out plans, sections and details using AutoCAD, reviewing drawings for readability, presentation and adherence to standards, assisting in the development of alternate solutions and design options, communicating and collaborating with the full multi-disciplinary BIM design team and others, performing local authority interface and administration, reviewing drawings for structure that will allow connection to cost, schedule, and digital twin, and providing detailed knowledge of BIM software applications including Revit, AutoCAD, Navis Works and other software utilized for clash detection. A BIM technician will report to the BIM managers or practice leaders or coordinators, or directly to the owner. A BIM

technician needs to have a passion for BIM/CAD technologies, customer service orientation, and commitment to working within a team environment. Individual with a minimum of five (5) years of experience in BIM

Clerical/Administrative Support

Responsible for delivery and pick-up of mail and packages, as necessary. Assists administrative and document control departments as needed. Responsible for inventory, distribution, replenishment, organization, and maintenance of office supplies in storage room.

EXHIBIT 2

PRINCIPALS OF THE CONSULTANT

Terracon Consultants, Inc. (TCI)

Directors and Officers

Board of Directors

M. Gayle Packer (COR), Chair
Matt A. Catlin (STL)
Tracy Grover (PHO)
David D. Harwood (COR)
Jason A. Kephart (COR)
Robert W. Pavlicek (SAN)
Jeffrey C. Roberts (HOU)

Corporate Officers

M. Gayle Packer (COR) Chief Executive Officer, President
Donald J. Vrana (COR), Executive Vice President, Treasurer
Patrick L. Courtney (COR), Vice President, General Counsel, Secretary
Aaron J. Mann (COR), Vice President, Chief Legal Officer
Bryan M. Paris (COR), Assistant Treasurer
Anish A. Patel (COR), Assistant Secretary

Executive Vice President

Timothy W. Anderson (PHO)
William S. Anderson (SAV)
Matt A. Catlin (STL)
Michael E. Covert (COR)
Michael J. O'Grady (COR)
Robert W. Pavlicek (SAN)
Stephanie I. Price (COR)

Senior Vice President

Joseph L. Aldern (CLT)
Laura J. Campa (BTR)
C. Harold Cobb (HOU, Ex Officio)
Victor R. Donald (COR, Ex Officio)
Donald I. Dracon (Remote)
Ryan W. Feist (COR)
Alex A. Goharioon (ATL)
Tracy Grover (PHO)
Michael E. Hagemeister (OMA)
David D. Harwood (COR)
Michael T. Jordan (RAL)
Jason A. Kephart (COR)
Aaron C. Layne (RAL)
Kevin F. Langwell (COR, Ex Officio)
Christopher W. McIntyre (JA1)
Maroun Moussallem (DEN, Ex Officio)
Vikram S. Patel (PHL)
Durgaprasad "Prasad" S. Rege (CIN)
Jeffrey C. Roberts (HOU)
Jason A. Sander (CIN)
Michael J. Yost (COR)
Vanessa D. Zambo (COR)

Vice President

Timothy G. Abrams (DAL)
Richard G. Acree (WIN)
Corey J. Adams (COR)
Michael H. Adams (Remote)
Sheila M. Adams (Remote)
Ty G. Alexander (SMT)
Jon M. Arita (Remote)
Christopher W. Barr (SAV)
Sandra "Sandy" K. Basehore (HBG)
David A. Baska (LYN)
Douglas R. Baum (Remote)
Patrick M. Beecher (HOU)
Matt Beheshti (Remote)
James G. Bierschwale (AUS)
Brent M. Borchers (PHO)
Nathan D. Boyless (GOL)
Timothy A. Brown (ATL)
Kyle J. Burroughs (FTW)
Fred Buhamdan (OCY)
Hughston C. Caldwell (Remote)
Christopher J. Candela (PHW)
Lori A. Cathcart (SND)

Vice President (cont.)

Rick L. Chesnut (SLC)
Michael A. Ciance (MAN)
Robert M. Cords (Remote)
David J. Corley (CHA)
Jeff A. Davis (Remote)
Stephanie S. Davis (Remote)
Paul J. DeAngelo (HBG)
Romeo J. DeLeon (ATL)
R. Levi Denton (Remote)
John W. Diamond, IV (SLC)
Thomas E. Driver (MAC)
Nitin K. Dudani (GRS)
Peter E. Falletta (DAL)
Mathew B. Fielding (DEN)
Ronda M. Freeman (COR)
Alain J. Gallet (PEN)
Michael T. Ghazawi (SAN)
John C. Graves (FTC)
Chuck A. Gregory (SAN)
S. Rao Gudavalli (HOU)
Scott W. Gutowski (CHA)
Michael P. Harris (Remote)
Mark C. Harrison (CH1)
Kristopher T. Hauck (POR)
Kyle E. Hayes (JA1)
Michael G. Heller (Remote)
Alfonzo Hernandez (HOU)
Alicia M. Hill (MAN)
Saad M. Hineidi (DAL)
David V. Hopkins (LRK)
Garret S. H. Hubbard (LOD)
Michael P. Jenkins, Jr. (AUS)
Guy L. Johnson (CDR)
John T. Juenger (HOU)
Janet R. Keiser (Remote)
James M. Kellogg (Remote)
John B. Kimberly IV (TAL)
Gregory J. Klein (DAL)
Mathew O. Knutson (MIN)
Jesse M. Kocher (RDR)
Scott M. Kolodziej (Remote)
Eric D. Kunz (LYN)
Ronald S. Lech (CIN)
Guoming Lin (SAV)
David S. Lipka (CHA)
Erin L. Loyd (LUB)
Jeffrey L. Magner (Remote)
John B. Mancini (SLC)
Richard J. Mandile (PVS)
Brian E. Martz (LOU)
David M. Matson (PHO)
Jack A. McCranie (FTW)
Matthew R. McElvogue (Remote)
Amanda J. McKenney (BIR)
P. Jared Mechetti (Remote)

Ryan D. Merkley (SLC)
Jeffrey A. Miller (HOB)
Scott G. Miller (OMA)
Ryan J. Morgan (DES)
Aaron J. Muck (CIN)
Kyle L. Murrell (CH3)
Mohammad "Mo" Nasim (DMN)
Scott D. Neely (PHO)
Ramon Padilla (PHO)
Siva P. Pathivada (DAL)
Brett A. Pope (Remote)
James J. Princic (Remote)
John K. Prutsman (COR)
Scott A. Randle (OKC)
Robert O. Rasmussen (TGA)
Yogesh S. Rege (COH)
Laura K. Register (Remote)
Belinda S. Richard (TAD)
Terrell W. Rippstein (BIR)
Lynne E. Roussel McMillen (BTR)
Dan K. Rozycki (TGA)
John B. Sallman (COR)
William G. Salters (CH3)
Daniel F. Schneider (DEN)
D. Mark Scholefield (VGB)
Blaine R. Shroyer (MIL)
Michael W. Schrum (CHA)
Xue-jun "Jon" Sheng (MID)
Richard M. Simon (JAC)
Elizabeth M. Smith (Remote)
Noosha P. Smith (LGC)
Rebecca L. Smith-Zakowicz (DMW)
Kazem "Kevin" Sohrabnia (CSC)
Jacob R. Spinsby (DEN)
Christopher S. Srock (Remote)
Zachary C. St. Jean (CHA)
Joseph E. Starr (RAL)
Ryan P. Steiner (JAC)
Paul M. Stevens (Remote)
Todd E. Swoboda (HOU)
George A. Tannoury (WIC)
Dana J. Wagner (Remote)
Sheryl L. Wagner (COR)
Gregory C. Walterscheid (Remote)
Mark E. White (DEN)
Michael S. Wigger (INP)
Melvin C. Williams (CH3)
Cale J. Wilson (LEN)
Josiah D. "Sy" Winkelman (SLC)
James L. Wright (COR)
Chen L. "Linda" Yang (GDH)

California Professional Engineers In Charge

Troy M. Schiess (LOD), NOA
Fred Buhamdan (SND), TCI
Christopher B. Congrave (LOD), TCI
Ryan R. King (SA2), TCI
Garret S. Hubbart (SA2), NOA
Scott G. Lawson (OCY), TCI
Joshua R. Morgan (CLT), TCI
Timothy J. Slegers (LOS), TCI
Noah T. Smith (OKR), NOA
Anthony T. Argyriou (OKR), TCI

Other Professional Engineers In Charge

Eric D. Kunz, P.E. – Alaska; Washington



EXHIBIT 3

CRITICAL PERSONNEL

(Refer to Sub-article 3.20)

C Resumes

Javier E. Jiménez, P.E.

Contract Manager/Senior Materials Engineer/QA/QC (9.02, 9.03, 9.04)

PROFESSIONAL EXPERIENCE

Javier is a registered (Florida) professional engineer with 28 years of expertise in construction materials engineering, testing, and inspection services. He brings extensive experience in project management, structural engineering design, construction defect investigations, construction defect mitigation inspections, non-destructive testing of building envelope and structural components, forensic investigations, construction materials testing, and facilities engineering experience.

Javier is a senior associate and the Operations Manager for the Fort Lauderdale and Miami Lakes offices and laboratories. Javier serves as the senior materials engineer with direct technical responsibility for field inspection and construction materials testing, including laboratory testing services. He is responsible for evaluating and overseeing the construction of earthworks (embankments, levees, slopes), roadways and bridges; soil improvement/ replacement. On a day-to-day basis, he provides technical oversight and direction to engineering and technical staff, prepares study scope and fee proposal documents; report preparation; and is responsible for contract conformance (quality assurance/quality control [QA/QC]). Javier oversees and directs the construction services group, prepares proposals, conducts evaluations, provides field troubleshooting, and prepares project reports and invoices. His duties also include overseeing and maintaining QC programs.

PROJECT EXPERIENCE

Miami International Airport Apron Reconstruction and Expansion /Taxilane/Blast Fences – Miami, FL

Senior Engineer. The project includes 20,7t 52 square feet (SF) of apron reconstruction and expansion, 3 blast deflector fences, and a 3,425-SF taxilane. Terracon performed subsurface exploration and geotechnical engineering services including, the advancement of 13 test borings ranging from 6 to 25 feet, extraction of 17 pavement cores with 6-foot Standard Penetration Test (SPT) borings, performance of 11 dynamic cone penetrometer (DCP) tests, engineering analysis, and preparation of a report, recommendations on subsurface soil (and rock) conditions, groundwater conditions, site preparation and earthwork, excavation considerations, and foundation design and construction, cast-in-place concrete and masonry grout sampling and testing, earthwork observations and testing, special inspections for concrete reinforcement and asphalt placement, and project management/administration.

Jackson Memorial Emergency Room Expansion - Miami, FL

Senior Engineer. The Jackson Memorial Emergency Room expansion transformed the existing emergency room from an aging 48,000-square-foot facility into a state-of-the-art facility encompassing nearly 180,000 square feet. The new facility accommodates more than 200 patient rooms, 50 observation rooms, 30 pediatric rooms, and 6 resuscitation rooms. Terracon's scope of services for the ongoing project includes construction materials testing services, In-situ soils compaction testing, laboratory testing of soils, concrete sampling and compressive testing, structural steel connections inspections and non-destructive testing, fire-proofing testing, and deep foundation testing support and observations.



EDUCATION

Master of Business Administration, Nova Southeastern University, Davie, FL

Master of Science in Civil Engineering, University of Michigan, Ann Arbor, MI

Bachelor of Civil Engineering, Georgia Institute of Technology, Atlanta, GA

REGISTRATIONS

Registered Professional Engineer: Florida No. 62162

Registered Professional Engineer
Puerto Rico No. 16347

CERTIFICATIONS

LEED AP

AFFILIATIONS

American Society of Civil Engineers
American Welding Society
Latin Builders Association

YEARS OF EXPERIENCE 28

YEARS AT FIRM 3

OFFICE LOCATION

Miami Lakes, FL



C Resumes

Javier E. Jiménez, P.E. (continued)

Southport Turning Notch, Port Everglades - Broward County, FL

Senior Engineer. Terracon was a WSP project team member for the Southport Turning Notch extension at Port Everglades. The project consists of extending the Southport Turning Notch turnaround to create new cargo berths to accommodate larger cargo ships available to Port Everglades with the expansion of the Panama Canal. It includes the marine infrastructure associated with the extension. The project also included the landside infrastructure improvements to support the acquisition of six additional Super Post-Panamax gantry cranes in Southport along Berths 31 and 32, as well as Berth 30, extending the existing 100' gauge crane rails along Berth 30, and a new two-story switchgear and office building. Terracon's services included geotechnical engineering, subsurface exploration, petroleum-contaminated site assessment, groundwater sampling, soil testing, and construction materials testing.

South Corridor Rapid Transit/U.S. 1 - Miami, FL

Project Principal/QA/QC Review. The project includes 14 new rapid transit stations, improvements to the two end-of-line terminals at Dadeland South and SW 344 Street, rehabilitation of the 16 existing stations along the corridor, a new park-and-ride garage, and significant corridor rehabilitation and improvements along 20 miles of exclusive right-of-way (ROW). Terracon was responsible for the creation and upkeep of QA plan for OHLA's construction operations. In addition, Terracon provided QA inspections and QA materials testing services for the project.

Miami International Airport (MIA) Concourse E Terminal - Miami, FL

Senior Engineer/Project Manager. Javier was part of a team that provided building envelope stucco consulting and testing services. The project consisted of a limited visual condition survey to document the existing conditions and a conclusion of the on-site condition survey and estimate of repairs.

MIA Baggage Handling Area - Miami, FL

Senior Engineer/Project Manager. Javier was part of a team that provided geotechnical exploration, site supervision, data collection and analysis, and reporting, soil contamination monitoring and testing, data collection and analysis, and reporting, and post-reporting consultations and meetings. Services performed had to be coordinated with MIA airfield access/security including U.S. Customs and Border Security.

Fort Lauderdale-Hollywood International Airport (FLL) Terminal 3 (T3) Modernization Project - Fort Lauderdale, FL

Senior Engineer/Project Manager. Javier managed a multidisciplinary team of professionals providing building envelope testing and QC inspections for the modernization project which included the partial demolition of the existing concourse sections, the enhancements to the existing concourse, and additions to the existing concourse. Services included visual inspection of building envelope components and water penetration testing of roofing systems. He also managed a team of inspectors who assumed responsibility for conducting threshold inspections for the project after the initial Threshold Inspector of Record was incapacitated. Services performed included the inspection of all structural components to assess compliance with applicable building code(s) and construction documents.



C Resumes

Rutugandha "Rutu" H. Nulkar, P.E.

Geotechnical Project Manager/Senior Engineer (9.01, 9.02, 9.03)

PROFESSIONAL EXPERIENCE

Rutu has been practicing geotechnical engineering in South Florida for 20 years. A State of Florida registered professional engineer, she is the Geotechnical Department Manager for Terracon's Fort Lauderdale and Miami Lakes offices. She has managed several public and private sector contracts during her career. Her geotechnical consulting capabilities include providing services for various types of projects including buildings, roadways, bridges, and drilled shaft inspections.

Rutu has performed geotechnical analysis and provided recommendations for the design of shallow and deep foundation systems for bridges and buildings, and slope stability analyses for levees and canals. Rutu also has 19 years of construction materials testing and verification experience working on numerous Florida Department of Transportation (FDOT) projects and districtwide materials contracts. She has worked as an in-house geotechnical consultant with the District Materials Research Office (DMRO).

PROJECT EXPERIENCE

Miami International Airport Apron Reconstruction and Expansion /Taxilane/Blast Fences – Miami, FL

Senior Engineer. The project includes 20,7t 52 square feet (SF) of apron reconstruction and expansion, 3 blast deflector fences, and a 3,425-SF taxilane. Terracon performed subsurface exploration and geotechnical engineering services including, the advancement of 13 test borings ranging from 6 to 25 feet, extraction of 17 pavement cores with 6-foot Standard Penetration Test (SPT) borings, performance of 11 dynamic cone penetrometer (DCP) tests, engineering analysis, and preparation of a report, recommendations on subsurface soil (and rock) conditions, groundwater conditions, site preparation and earthwork, excavation considerations, and foundation design and construction, cast-in-place concrete and masonry grout sampling and testing, earthwork observations and testing, special inspections for concrete reinforcement and asphalt placement, and project management/administration.

Southport Turning Notch, Port Everglades - Broward County, FL

Senior Engineer. Terracon was a WSP project team member for the Southport Turning Notch extension at Port Everglades. The project consists of extending the Southport Turning Notch turnaround to create new cargo berths to accommodate larger cargo ships available to Port Everglades with the expansion of the Panama Canal. It includes the marine infrastructure associated with the extension. The project also included the landside infrastructure improvements to support the acquisition of six additional Super Post-Panamax gantry cranes in Southport along Berths 31 and 32, as well as Berth 30, extending the existing 100' gauge crane rails along Berth 30, and a new two-story switchgear and office building. Terracon's services included geotechnical engineering, subsurface exploration, petroleum-contaminated site assessment, groundwater sampling, soil testing, and construction materials testing.

Rehabilitation of Runway 97-27R, Miami-Opa-Locka Executive Airport (OPF) - Opa-locka, FL

Senior Engineer. The site at OPF consisted of existing asphalt and concrete-paved runways and taxiways. Terracon's services anticipated the rehabilitation of these runways and taxiways through mill and overlay with new hot mix asphalt or



EDUCATION

M.S., Civil Engineering,
University of Florida, 2004

B.S., Civil Engineering, V.J.T.I.
Matunga, Mumbai, India, 2001

REGISTRATIONS

Registered Professional
Engineer, Florida #70625

AFFILIATIONS

American Society of Civil
Engineers (ASCE)

Florida Engineering Society
(FES)

Florida Engineering
Society/Florida Institute of
Consulting Engineers Leadership
Institute

YEARS OF EXPERIENCE 20

YEARS AT FIRM 20

OFFICE LOCATION

West Palm Beach, FL



C Resumes

Rutugandha "Rutu" H. Nulkar, P.E. (continued)

reconstruction, which would involve removing existing pavements, stabilizing the subgrade, and replacing it with new asphalt or concrete sections. Terracon performed 28 borings, DCP tests at the boring locations, and 67 pavement cores.

MIA South Terminal GSE Facility & 20th Street Modification - Miami, FL

Senior Engineer. The project, located at the southeast side of Miami International Airport (MIA) in Miami, FL, involves the construction of a 2 to 3-story building, asphalt-paved driveways, parking areas, and light poles. Terracon conducted subsurface exploration and preliminary geotechnical engineering services, including test borings, laboratory testing, engineering analysis, and report preparation. The purpose was to provide recommendations on subsurface soil and rock conditions, groundwater conditions, site preparation, earthwork, excavation, foundation design, floor slab design, and pavement thicknesses.

Jackson Memorial Emergency Room Expansion - Miami, FL

Senior Engineer. The Jackson Memorial Emergency Room expansion transformed the existing emergency room from an aging 48,000-square-foot facility into a state-of-the-art facility encompassing nearly 180,000 square feet. The new facility accommodates more than 200 patient rooms, 50 observation rooms, 30 pediatric rooms, and six resuscitation rooms. Terracon's scope of services for the ongoing project includes construction materials testing services, In-situ soils compaction testing, laboratory testing of soils, concrete sampling and compressive testing, structural steel connections inspections and non-destructive testing, fire-proofing testing, and deep foundation testing support and observations.

South Corridor Rapid Transit/U.S. 1 - Miami, FL

Senior Engineer. The project includes 14 new rapid transit stations, improvements to the two end-of-line terminals at Dadeland South and SW 344 Street, rehabilitation of the 16 existing stations along the corridor, a new park-and-ride garage, and significant corridor rehabilitation and improvements along 20 miles of exclusive right-of-way (ROW). Terracon was responsible for the creation and upkeep of QA plan for OHLA's construction operations. In addition, Terracon provided QA inspections and QA materials testing services for the project.



EXHIBIT 4

DISADVANTAGE BUSINESS ENTERPRISE PARTICIPATION WORKSHEET



Strategic Procurement Department

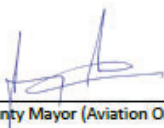
Project Worksheet

Project/Contract Title: Facilities Development Construction Materials Testing Services
Project/Contract No: E24-AV-03 - Revised
Department: Aviation
Estimated Cost of Project/Bid: \$27,568,750.00
Description of Project/Bid: Professional services for the testing and inspections services for various projects within MDAD's capital improvement program (CIP) as per the requirements of the various Project Contract Documents and the MDAD Design Guidelines under the supervision of MDAD's authorized representative. Experienced engineers and technicians are required to perform the testing, inspection, and Engineering services for the following scopes of work:
• Provide Construction Material Testing (CMT) and Inspections
• Provide asphalt and concrete testing and inspection services
• Provide geotechnical exploration services
• Provide Soil and Foundation Testing services
• Provide Materials Testing and Inspections services
• Provide Roof Testing and Consulting

Received Date: 9/25/2024
Resubmittal Date: 1/7/2026
Funding Source: Future Financing

Contract Measures Recommendation		
Measure	Program	Goal Percent
No Measure	DBE	
Reasons for Recommendation		
This project worksheet is being revised to A DBE No Measure recommendation due to the Interim Final Rule, effective October 3, 2025, resulting in the temporary suspension of the requirements under the DBE program.		
This project worksheet was previously revised to reduced the DBE measure by 10%.		
PRA reviewed this project pursuant to Federal Regulation 49 CFR, Part 26 for project number E24AV03. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications, and funding source. A 15% DBE sub-consultant goal is appropriate for this agreement and it can be met in any of the following TTC's: TTC 9.01-Drilling, Subsurface Investigation and Seismographic Services, TTC 9.02-Geotechnical and Material Engineering Services, TTC 9.03-Concrete and Asphalt Testing Services, TTC 9.04-Non-Destructive Testing and Inspections, and TTC 9.05-Roof Testing and Consulting.		
Project cost: A&E \$41,353,125.00 (5 PSA's for \$8,270,625 each)		
MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES, MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES, MDC-TCC 09-03 CONCRETE AND ASPHALT TESTING SERVICES, MDC-TCC 09-04 NON-DESTRUCTIVE TESTING AND INSPECTIONS, MDC-TCC 09-05 ROOF TESTING AND CONSULTING		

Living Wages: YES ☐ NO ☒ **Highway:** YES ☐ NO ☒ **Heavy Construction:** YES ☐ NO ☒
Responsible Wages: YES ☐ NO ☒ **Building:** YES ☐ NO ☒



County Mayor (Aviation Only)

01/23/26

Date

Contract No. E24AV03B

MDC120

Exhibit 5

FEDERAL AVIATION ADMINISTRATION (FAA) PROVISIONS

Contract No. E24AV03B

MDC121

FEDERAL AVIATION ADMINISTRATION (FAA) PROVISIONS

GENERAL CIVIL RIGHTS PROVISIONS: In all its activities within the scope of its airport program, the CONSULTANT agrees to comply with pertinent statutes, Executive Orders and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin, creed, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

The above provision binds the Consultant and subconsultant from the bid solicitation period through the completion of the contract.

TITLE VI - LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES: During the performance of this Contract, the CONSULTANT, for itself, its assignees, and successors in interest (hereinafter referred to as the “CONSULTANT”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- a) Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- b) 49 CFR part 21 (Non-discrimination in Federally-Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964) including amendments thereto;
- c) The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- d) Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27 (Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);
- e) The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- f) Airport and Airway Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- g) The Civil Rights Restoration Act of 1987, (P.L. 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and CONSULTANTS, whether such programs or activities are Federally funded or not);

- h) Titles II and III of the Americans with Disabilities Act of 1990 (42 U.S.C. § 12101, et seq) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- i) Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681 et seq).

NONDISCRIMINATION REQUIREMENTS/TITLE VI CLAUSES FOR COMPLIANCE

During the performance of this Contract, the CONSULTANT, for itself, its assignees, and successors in interest (hereinafter referred to as the “CONSULTANT”) agrees as follows:

1. **Compliance with Regulations.** The CONSULTANT will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this Contract.
2. **Nondiscrimination.** The CONSULTANT, with regard to the work performed by it during the Contract, will not discriminate on the grounds of race, color, or national origin, creed, sex, age, or disability in the selection and retention of SUBCONSULTANTS, including procurements of materials and leases of equipment. The CONSULTANT will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the Contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21 including amendments thereto.
3. **Solicitations for Subcontracts, including Procurements of Materials and Equipment.** In all solicitations, either by competitive bidding, or negotiation made by the CONSULTANT for Work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential SUBCONSULTANT or supplier will be notified by the CONSULTANT of the CONSULTANT’s obligations under this Contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
4. **Information and Reports.** The CONSULTANT will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by MDAD or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a CONSULTANT is in the exclusive possession of another who fails or refuses to furnish the information, the CONSULTANT will so certify to MDAD or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. **Sanctions for Noncompliance.** In the event of a CONSULTANT's noncompliance with the non-discrimination provisions of this Contract, Miami-Dade County Aviation Department will impose such Contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
- a. Withholding payments to the CONSULTANT under the Contract until the CONSULTANT complies; and/or
 - b. Cancelling, terminating, or suspending a Contract, in whole or in part.
6. **Incorporation of Provisions.** The CONSULTANT will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment unless, exempt by the Acts, the Regulations and directives issued pursuant thereto. The CONSULTANT will take action with respect to any subcontract or procurement as Miami-Dade County Aviation Department or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the CONSULTANT becomes involved in, or is threatened with litigation by a SUBCONSULTANT, or supplier because of such direction, the CONSULTANT may request Miami-Dade County Aviation Department to enter into any litigation to protect the interests of Miami-Dade County Aviation Department. In addition, the CONSULTANT may request the United States to enter into the litigation to protect the interests of the United States.

CONTRACT WORKHOURS AND SAFETY STANDARDS ACT REQUIREMENTS:

1. Overtime Requirements.

No CONSULTANT or SUBCONSULTANT contracting for any part of the Contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic, including watchmen and guards, in any workweek in which they are employed on such Work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; Liability for Unpaid Wages; Liquidated Damages.

In the event of any violation of the clause set forth in paragraph (1) above, the CONSULTANT and any SUBCONSULTANT responsible therefor shall be liable for the unpaid wages. In addition, such CONSULTANT and SUBCONSULTANT shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph 1 above, in the sum of \$29 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1 above.

3. Withholding for Unpaid Wages and Liquidated Damages.

The Federal Aviation Administration or Miami-Dade County Aviation Department shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any monies payable on account of Work performed by the CONSULTANT or SUBCONSULTANT under any such Contract or any other Federal contract with the same prime CONSULTANT, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime CONSULTANT, such sums as may be determined to be necessary to satisfy any liabilities of such CONSULTANT or SUBCONSULTANT for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 2 above.

4. Subconsultants.

The CONSULTANT or SUBCONSULTANT shall insert in any subcontracts the clauses set forth in paragraphs 1 through 4 and also a clause requiring the SUBCONSULTANT to include these clauses in any lower tier subcontracts. The prime CONSULTANT shall be responsible for compliance by any SUBCONSULTANT or lower tier SUBCONSULTANT with the clauses set forth in paragraphs 1 through 4 of this section.

CLEAN AIR AND WATER POLLUTION CONTROL: CONSULTANT and sub-CONSULTANT agree to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 U.S.C. § 740-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251-1387). The CONSULTANT and sub-CONSULTANT agree to report any violation to the Owner immediately upon discovery. The Owner assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration. CONSULTANT and sub-CONSULTANT must include this requirement in all subcontracts that exceeds \$150,000.

CONSULTANT and SUBCONSULTANT agree:

1. That any facility to be used in the performance of the contract or subcontract or to benefit from the contract is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities;
2. To comply with all the requirements of Section 114 of the Clean Air Act, as amended, 42 U.S.C. 1857 et seq. and Section 308 of the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in Section 114 and Section 308 of the Acts, respectively, and all other regulations and guidelines issued thereunder;
3. That, as a condition for the award of this Contract, the CONSULTANT or SUBCONSULTANT will notify the awarding official of the receipt of any communication from the EPA indicating that a facility to be used for the performance of or benefit from the contract is under consideration to be listed on the EPA List of Violating Facilities;

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4. To include or cause to be included in any construction contract or subcontract which exceeds \$150,000 the aforementioned criteria and requirements.

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT: CONSULTANT and SUBCONSULTANT agree to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)].

OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970: All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. CONSULTANT must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The CONSULTANT retains full responsibility to monitor its compliance and their SUBCONSULTANT's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (20 CFR Part 1910). CONSULTANT must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

COPELAND “ANTI-KICKBACK” ACT: CONSULTANT must comply with the requirements of the Copeland “Anti-Kickback” Act (18 U.S.C. 874 and 40 U.S.C. 3145), as supplemented by Department of Labor regulation 29 CFR part 3. CONSULTANT and SUBCONSULTANTS are prohibited from inducing, by any means, any person employed on the project to give up any part of the compensation to which the employee is entitled. The CONSULTANT and each SUBCONSULTANT must submit to the Owner, a weekly statement on the wages paid to each employee performing on covered work during the prior week. Owner must report any violations of the Act to the Federal Aviation Administration.

AFFIDAVITS

PUBLIC ENTITY CRIMES SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES

1. I understand that a "public entity crime" as defined in Paragraph 287.133(1) (g), **Florida Statutes**, means "a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation."
2. I understand that "convicted" or "conviction" as defined in Paragraph 287.133 (1)(b), **Florida Statutes**, means "a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere."
3. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), **Florida Statutes**, means:
 - "1 A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate."
4. I understand that a "person" as defined in Paragraph 287.133(1)(e), **Florida Statutes**, means "any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in management of an entity."
5. The statement which is marked below is true in relation to the Entity submitting this sworn statement. **[Please indicate which statement applies.]**

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MDC127

AFF-2

**PUBLIC ENTITY CRIMES
SWORN STATEMENT UNDER SECTION 287.133(3)(a),
FLORIDA STATUTES (Cont'd)**

 X Neither the Entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the Entity, nor any affiliate of the Entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

 The Entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the Entity, or an affiliate of the Entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. **[Please indicate which additional statement applies.]**

 There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **[Please attach a copy of the final order.]**

 The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **[Please attach a copy of the final order.]**

 The person or affiliate has been placed on the convicted vendor list. **[Please describe any action taken by or pending with the Florida Department of Management Services.]**

AFF-3

Contract No. E24AV03B

MDC128

**SUBCONTRACTING POLICIES STATEMENT
PURSUANT TO SECTION 2-8.8(4) OF THE CODE**

(Insert Here)



**CONTRACTOR, SUBCONTRACTOR AND
VENDOR MANAGEMENT POLICY**

Quality Control

Document Owner		Position		Signature	
Change	Page	Mod.	Authorization		
			Name	Signature	Date
original	all	0316	J. Wright		03-16
review, 2017	all	0416	J. Wright		03-16
review, tri-folds	all	0320	J. Wright		03-20
ORTLB rev, Check-In	all	0621	J. Wright		06-21
logos	all	0122	J. Wright		01-22
review	all	0123	J. Wright		01-23

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6.2	Auditing	6
6.3	Management	6
6.4	Training	6
6.5	Recordkeeping	6

Attachments

Terracon Subcontractor Pre-Qualification Form
Terracon Core Safety Rules and Practices
Site Exploration Lifesaving Absolutes
Vendor / Contractor Check In
Geo-Exploration Contractor Check In
Vendor / Contractor Trifold
GeoExploration Contractor Trifold

1.0 Scope

Terracon policy documents meet the needs of employees, clients, and OSHA (“regulatory bodies”) by laying out safe work expectations; itemizing tools, resources, and methods to be used to meet them; and clarifying accountabilities associated with failure to do so.

All contractors and subcontractors engaged by Terracon must comply with the requirements of this policy (at a minimum).

Clients may have their own policies, procedures, and forms. Where it is a requirement that client procedures and forms are used, it will be in addition to those required by this policy. This is a minimum standard which may be raised but never lowered by client policy.

Terracon has established procedures to review and require that subcontractor safety programs, training, procedures and initiatives coordinating with the Company’s own standards of safety. This policy sets out the requirements and procedures for hiring and managing subcontractors.

Under this program and its associated processes, any subcontractor will be reviewed and qualified by Terracon prior to performing work for a general contractor as part of a Terracon project. Clients may have their own policies, procedures and forms. Where it is a requirement that client procedures and forms are used, it will be in addition to those required by this section.

2.0 Policy

The process is intended to help ensure that, in the event subcontractors are utilized by the Terracon as part of a work project, each subcontractor’s safety programs, OSHA compliance, training, documentations and statistical results of previous safety performance are in accordance with requirements of both Terracon and general contractor.

All Terracon managers involved in contractor / subcontractor management will receive training on and adhere to all requirements outlined under this policy.

All contractors and subcontractors engaged by Terracon will be required (at a minimum) to comply with the requirements of this policy.

3.0 Definitions

Contractor – a company hired by and working directly for Terracon; or in some cases Terracon is a contractor to a primary client. Example: Terracon hires XYZ Paving. XYZ Paving is Terracon’s contractor; or XYZ Paving hires Terracon. Terracon is XYZ Paving’s contractor.

Subcontractor – a company hired by and working directly for Terracon as part of a project where Terracon is a *contractor* to another company. ABC Industries hires Terracon as a contractor. Terracon then hires XYZ Paving as a subcontractor.

Supplier – a company hired by Terracon that provides products to Terracon and does not routinely access Terracon project sites or offices. Examples include print services, product suppliers, etc.

Terracon Hiring Manager – the Terracon employee that hires the contractor, subcontractor or supplier.

Vendor – a company hired by and working directly for Terracon at a Terracon office and will not work for Terracon clients or on client project sites. Examples include HVAC contractors, housekeeping / cleaning services, Fed Ex delivery, lawn care, etc.

4.0 Regulatory Requirement

There is no specific safety legislation that requires a subcontractor management plan. It is required by many Terracon clients and is considered a best practice.

5.0 Responsibility

Terracon Hiring Managers have the responsibility to adhere to this policy and are knowledgeable on all Terracon and/or primary client safety requirements.

Terracon Safety will be responsible for administering this policy. Terracon Safety will also review and audit the implementation of this program by all operations.

Management will review all reports. It is the responsibility of management to provide coaching to any operations not adhering to the requirements of this program.

6.0 Procedures

6.1 Qualification

Workflow process for qualification of an applicant to be a Terracon contractor, subcontractor, or vendor:

- 1) Supplier Enablement Coordinator will send the file *Terracon Subcontractor Pre-Qualification Form* to the applicant. When the file is returned, it will be reviewed.
- 2) File will be screened by Corporate Safety for safety criteria.
- 3) Legal will confirm Certificate of Insurance (current with Terracon named as additional insured) and contract on file.
- 4) If all criteria are met, the applicant will be added to the approved vendor list.
- 5) All approved contractors, subcontractors, or vendors will be prompted by the Coupa Procurement system to provide annual update data no later than March 1 of each year.

A subcontractor will be evaluated once per calendar year on the following criteria:

- EMR < 1.0
- TRIR/LTIR equal to or less than NAICS code average
- No fatal incidents in the last 36 months
- No OSHA or EPA citations in the last 36 months
- “Yellow” or “Green” ISS rating in FMCSA CSA statistics (applicable to commercial driving only)
- Written safety program with evidence of SOPs, JSAs or other relevant documents
- Employee training records relevant to the assigned tasks
- Contract and approved Certificate of Insurance on file

Terracon Contractor / Subcontractor / Vendor Qualification Statuses

Green - Preferred	Yellow - Restricted	Red – Do Not Use
TRIR 0 – 3.0	TRIR 3.0 – 5.0	TRIR > 5.0
EMR < 1.0	EMR 1.0 – 1.5	EMR > 1.0
No fatalities	No fatalities	Fatalities listed
No OSHA citations	No OSHA citations	OSHA citations listed
COI on file	COI on file	
Contract on file	Contract on file	
Safety Expectations signed	Safety Variance Approved	

Subcontractors or Terracon Hiring Manager may request a variance review by the Operating Group Manager and Corporate Safety Director if they do not meet any of the above criteria.

In the event that any of the above evaluation points are violated during the calendar year the subcontractor is required to notify their Terracon Hiring Manager for an evaluation of the data.

The subcontractor must meet all safety and contractual requirements of any client Terracon hires them to support.

6.2 Auditing

- Terracon Hiring Manager should evaluate subcontractor operational and safety performance throughout and at the end of a project. If performance is deemed not acceptable, the Terracon Hiring Manager should communicate to Corporate Safety and the subcontractor will be scheduled for coaching or removed from the Approved Contractor list.
- A subcontractor who performs extremely well on a project should be rewarded and the Terracon Hiring Manager should communicate to Corporate Safety that the subcontractor should be added to the Preferred Contractor list.
- Terracon Hiring Manager or Corporate Safety may schedule field audits and / or Contractor Safety Check Ins (BBS observations) to evaluate the contractor's commitment to safe operations.
- The Safety One Stop (SOS) system will be utilized to document Contractor Safety Check Ins utilizing the Contractor or GeoExploration Contractor Check In form. This system allows for;
 - Tracking and trending of contractor safe and unsafe behaviors.
 - Photo documentation.
 - Completing multi-cause analysis of deficient items noted.
 - Assigning and tracking corrective actions for at-risk findings, deficient items and corrective actions.
 - Follow-up to measure corrective action effectiveness.
 - Communication of Check In results to all Terracon operations.
 - Communication of lessons learned to Terracon operations and contractors.

6.3 Subcontractor Management (Performing On-Site Client Work)

- Subcontractors are required to follow (at a minimum) all safety policies and procedures required by the primary client and Terracon, including but not limited to the Terracon Core Rules and Practices, and Site Exploration Lifesaving Absolutes.
- Subcontractors must be competent and capable of performing their assigned tasks in a safe and environmentally sound manner.
- Subcontractors must hold all required licenses and registrations required to complete their assigned work.
- Subcontractors are required to adhere (at a minimum) to all training required by the primary client and applicable regulatory requirements.
- Subcontractors will be invited and required to participate in pre-job meetings and safety orientations. These meetings will occur prior to the start of work and include;
 - Established lines of communication
 - Defined roles and responsibilities
 - Development of an Emergency Action Plan and expectations for communications / notifications.
- Subcontractors will be included in tailgate safety meetings, pre-task planning (JSA), hazard assessments and job site safety inspections.
- Subcontractors are required to report all personal injury, property damage, environmental or vehicle / mobile equipment incidents to the Terracon Hiring Manager within two hours of occurrence.
- Subcontractors are required to participate in incident investigations as a result of incidents described above.

6.4 Training

Any Terracon managers or supervisors hiring contractors or subcontractors shall receive training in the requirements of this program.

6.5 Record keeping

Records of subcontractor qualifications and audits will be maintained indefinitely by Terracon Safety.

Hand Protection Chart by Hazard Type

Hazards	Minimum Cut Level (ANSI)	Impact Protection	Chemical Resistant	Heat Resistant
Abrasion or scrape (concrete testing)	1	MED		
Burns from high heat (lab oven operations)	1			■
Cut or laceration (utility knife usage)	5			
Chemical Protection ¹ (environmental, lab chemicals)	2		■	
Electrical	Working with live electrical, other than low voltage, requires specific PPE and electrical training (i.e., NFPA 70E).			
Grease, oil, lubricant, handling wire, cables, chains, and ropes (equipment maintenance)	3	MED		
Impact, pinch, crush, strike (drilling, density tests)	3	MED		
Environmental soil sampling, soil vapor, groundwater ¹ , sediment, surface water ¹	3		■	
Geotechnical soil sampling, soil vapor, groundwater ^{1,2} , sediment, surface water ^{1,2}	3			

EN388  Abrasion Blade Cut Tear Puncture XXXX	A1  ANSI Cut Level
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¹For environmental contamination and chemical protection, more than one glove may be appropriate for mitigating a hazard; for example, a nitrile inner glove with outer glove for impact/cut protection. Determine selection based on the Project Safety Plan, job hazard analysis, and pre-task planning.

²For logging geotechnical soil samples, gloves may be temporarily removed to determine soil texture. However, before doing so, logger must assess soil to be free of contamination or harmful debris.

Incident and Injury-Free™ (IIF™) is based on care and concern and a commitment to everyone going home safely to their family every day. Our Rules to Live By support IIF because they are clear and consistent about the actions we take to mitigate hazards and prevent injuries, including potentially serious injuries to ourselves or the public.

Core Safety Rules

Rules that are common to all employees, and must be complied with at all times as part of planning and performing our work in an IIF manner. Rules are followed alongside Terracon and client policies, as well as local, state, and federal regulations.

Core Safety Practices

Practices are basic safety responsibilities common to all employees and must be complied with unless we can describe how we planned to do the work more safely. At no time is a less-safe action allowed than what is spelled out in a Practice.

Manager and Supervisor Expectations

Managers and Supervisors are responsible to ensure employees are following Our Rules to Live By and are accountable for assigning work in an IIF manner. This includes allotting sufficient time to complete the work, scheduling properly trained staff, and providing adequate information for completion of pre-task planning. Safety Check-ins and documented safety coaching are proactive steps for IIF work.

Safety Accountability Policy

Corresponds with our Rules and Practices and describes what accountability steps apply to any employee, regardless of position, who violates a Rule or Practice. Details of the policy are on Terracon and include the responsibilities of managers and employees, and consequences for violations.

MORE THAN 5,000 EMPLOYEE-OWNERS NATIONWIDE.

Terracon's safety program incorporates the *Incident and Injury-Free™ (IIF™)* approach to safety. Trademarked and provided by JMI Associates.

Rev. 12.30.21



MDC137

Our Rules to Live By



Rules

General

- R1.** No talking or texting on your cell phone while driving on Terracon business or property. Never pick up the phone or adjust navigation while driving.
 - R2.** Start every job task with pre-task planning and update the plan when personnel or conditions change.
 - R3.** Follow Terracon -required safety training and get authorization before work starts:
 - In excavations,
 - In confined spaces,
 - When working at heights, and
 - Before other job tasks which require it.
 - R4.** Lift with safe techniques and get help when lifts are awkward or heavier than 50 lbs.
 - R5.** Speak up right away and redirect a co-worker performing an unsafe act to safe work practices.
- ### Personal Protective Equipment (PPE)
- R6.** Wear PPE as required by project, task, and/or work environment. Inspect before and during use, repairing or discarding and replacing, if defective.
- ### Equipment and Tools
- R7.** Use Terracon -approved tools and equipment according to manufacturer's instructions, and never modify or override safety devices.
 - R8.** Inspect tools and equipment before, during, and after use. If defective, repair, discard, or tag with "Do Not Use" and remove from service. Tell your supervisor.
 - R9.** Always track and keep clear of equipment moving in work areas.

Motor Vehicles

- R10.** Wear your seat belt while vehicle is in motion and when parked adjacent to or on an active roadway.
 - R11.** Operate and park vehicle to prevent the need for backing as a first move. If you must back, use a spotter. If working alone, use Terracon -approved self-spotting techniques.
 - R12.** Perform a 360° walkaround as your final action before moving any motor vehicle. Use a safety awareness cone or steering wheel cover when parked on Terracon business.
 - R13.** Use Terracon -approved methods to secure loads, equipment, and tools on or in the vehicle you are operating.
- ### Reporting an Injury
- R14.** Call WorkCare if you are injured and tell your supervisor right away.
- ### Safety Practices
- Employees have the right and responsibility to:**
- P1.** Take the time you need to do the job safely.
 - P2.** Warm Up for Work before physical activity.
 - P3.** Stop work if you feel unsafe. Tell a supervisor and work together to fix the problem.
 - P4.** Manage controllable hazards and unsafe conditions in your work area. Report hazards you cannot control to a supervisor.

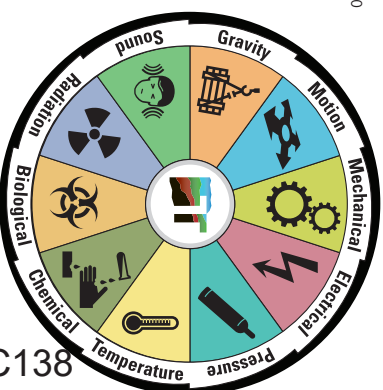
Pre-Task Planning (R2)

Pre-task planning is the most important step you can take to identify hazards in your work area. Correct these hazards before beginning work or if necessary, STOP work and contact your supervisor for help (**P3**).

Pre-task planning helps ensure work is safely completed in an *IF* manner. It is required when:

- Beginning work in the lab or at the office,
 - Loading equipment and driving to a site,
 - You first arrive on a project site,
 - You change a job task, or
 - Immediately when site conditions or personnel change.
- When pre-task planning ask yourself:
- What work will I be doing?
 - What hazards can I expect while doing my work?
 - How can I protect myself from those hazards?
 - What changing conditions should alert me to stop work and contact my supervisor?

Use the energy wheel (above) to help you pre-task plan by scanning the work area for each energy type shown. When you identify a hazard ask yourself, "What will protect me from that hazard?" Take the time to put those hazard controls in place. **Always be on the lookout for unidentified or unanticipated hazards during your work process.**



Terracon LIFE SAVING ABSOLUTES

FOR OPERATING EXPLORATION EQUIPMENT

1	Proceed with exploration operations only when in possession of a valid public utility clearance number or ticket on which Terracon is identified as the excavator. Use Stop Work authority in the event of unclear utility markings.
2	Prior to mobilization, verify approved* traffic control measures are in place before beginning work within, or immediately adjacent to, active roadways.
3	Maintain a safe working distance from overhead powerlines in accordance with overhead utility minimum safe clearance distances.†
4	Operate drill rig controls only when authorized.‡
5	Maintain a minimum of two authorized§ crew members at the drill rig while it is operational.
6	Keep clear of rotating equipment only making contact when rotation has come to a complete stop.
7	Only use leveling jacks to stabilize the drill rig. Do not use leveling jacks to remove tooling.
8	Place tower and feed cylinders in travel position before moving or repositioning the drill rig.

*Approved:

Designated for use by applicable documentation or recognized authority; and recognized as satisfactory by law, regulation, or Terracon policy.

†Authorized:

Given the right to act by appropriate level in chain of command when the employee has:

- Successfully completed any required training, and
- Demonstrated proficiency in the duties of a particular position.

‡Safe Clearance Distances:

Defined by 29 CFR 1926.550(a)(15) as the closest distance a piece of equipment is permitted to approach an energized powerline; and according to Terracon's Safe Right Procedure governing Working Near Overhead Powerlines.



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Defined by 29 CFR 1926.550(a)(15) as the closest distance a piece of equipment is permitted to approach an energized powerline; and according to Terracon's Safe Right Procedure governing Working Near Overhead Powerlines.



Subcontractor Safety Evaluation Form

The following information must be completed and returned. Failure to respond may result in your company's removal from Terracon's approved contractor list. All questions must be answered, and this form must be submitted in Word format (please do not PDF this document) and e-mailed along with supporting documents to safety@terracon.com. Please include the name of your company in the subject line of your e-mail response (e.g. Company XYZ: Subcontractor Safety Evaluation Form).

The following items are required to be included with your submittal:

- ☐ OSHA 300 and 300A logs for the previous 3 years
- ☐ A copy of your company Health & Safety manual
- ☐ A letter from your insurance carrier or State plan listing your 3-year EMR history.

Note: The contents of this form are confidential and will be used for internal purposes only.

GENERAL COMPANY INFORMATION

Company Name:

Address:

City: State: Zip:

Operations Contact (name/phone/email):

Safety Contact (name/phone/email):

SAFETY DETAILS

	Yes	No
Any OSHA citations in the past 5 years?	☐	☐
Any fatal incidents(s) in the past 5 years?	☐	☐

Experience Modification Rate (EMR)

Include a letter from your insurance carrier or State plan listing your 3-year EMR history.

2022

2021

2020

Total Recordable Incident Rate

$$\frac{\# \text{ OSHA recordable incidents} \times 200,000}{\text{hours worked in year}}$$

2022

2021

2020

Days Away Restricted Incident Rate (DART)

$$\frac{\# \text{ restricted \& lost time incidents} \times 200,000}{\text{hours worked in year}}$$

2022

2021

2020

AUTHORIZING SIGNATURE - *The responses provided on this form are accurate.*

Form Completed By (Name, First/Last):

Job Title:

Date Form Completed (MM/DD/YYYY):

Safety Check-In - GeoExploration

Organization: _____

Date: _____

Location: _____

Observed: _____

Observer Name: _____

Q: 01 Enter the Terracon Project number.

Please Write-In a Response:

Q: 02 Is this a 6 for 60 Safety Check-in?

Answer: Yes (☐) No (☐)

Q: 03 Did you and the employee discuss what to be aware of in order to keep you safe while on site?

Answer: Yes (☐) No (☐)

Q: 04 Did you discuss how the employee performed their personal pre-task planning when they arrived on site?

Answer: Yes (☐) No (☐)

Q: 05 When talking about the project, did the employee identify issues or challenges which need to be addressed, anything which needed to be discussed with the client, contractor or someone else, or any additional support they need?

Answer: Yes (☐)
No (☐)

Special Instructions: If yes, describe the employee's concerns and/or support needed in the comment box.

Q: 06 Was the Tailgate Safety Meeting performed and documented?

Answer: Yes (☐) No (☐)

Q: 07 Is the Exploration Package complete?

Answer: Yes (☐) No (☐)

Q: 08 Did the employee receive and have clear understanding of the project scope and expectations?

Answer: Yes (☐) No (☐)

Q: 09 Are public and private utilities (if applicable) appropriately marked and is the public locate ticket provided in the Exploration Package?

Answer: Yes (☐) No (☐)

Q: 010 Have the E-Stop switches been checked prior to drilling activities?

Answer: Yes (☐) No (☐)

Q: 011 Is the work area and vehicle parking properly set up, including delineation with cones (and caution tape, if applicable), and have slip, trip and fall hazards been identified and mitigated?

Answer: Yes () No ()

Q: 012 Is the rig set up to perform work safely? This includes maintaining appropriate minimum distance from overhead power lines, and proper stabilization methods for the rig.

Answer: Yes () No ()

Q: 013 When talking about near misses, did the employee understand the importance of reporting near misses?

Answer: Yes () No ()

Q: 014 When talking about Life Saving Absolutes, did the employee understand the intent and importance of these requirements?

Answer: Yes () No ()

Q: 015 Did you give the employee any positive feedback?

Answer: Positive Feedback ()
No Positive Feedback ()

Special Instructions: This will be sent to Safety Doc and History. This will be sent to Safety Doc and History.

Q: 016 Did you give the employee an IIF spot bonus?

Answer: IIF Spot Bonus ()
No IIF Spot Bonus ()

Q: 017 Was the employee following our Core Safety Rules and applying our Core Safety Practices?

Answer: Yes () No ()

Special Instructions: List the Core Safety Rule(s) not followed and/or Core Safety Practice(s) not applied in the comment box, if applicable.

Q: 018 Did you provide the employee with any safety coaching?

Answer: Safety Coaching ()
No Safety Coaching ()

Special Instructions: Enter the Safety coaching conversation you had with the employee in the comments box, if applicable.

Q: 019 Did you have an accountability conversation with the employee if Terracon's Core Rules and Practices were not followed?

Answer: Accountability Conversation ()
No Accountability Conversation ()

Special Instructions: If Terracon's Core Rules and Practices were not followed an accountability conversation must be documented in the comments box.

Observation Overview

Is follow up required?

Answer: Yes () No ()

Is Follow Up Completed?

Monday, April 5, 2021

Page 2 of 3

MDC142

Answer: Yes () No ()

Potential Risk Severity

Answer:

Needs Attention Now! ()

Follow Up this Week ()

Needs Attention ()

Observation Outcome

Answer:

Needs Work ()

Acceptable ()

Very Good ()

Couldn't be any better! ()

Observation Narrative:

“We must hold ourselves responsible, not just for our own safety and wellbeing, but for the safety of everyone around us.”

- GAYLE PACKER, PRESIDENT and CEO



Terracon's safety program incorporates the *Incident and Injury-Free® (IIF®)* approach to safety trademarked and provided by JMJ Associates.

- Please check in with reception before beginning work and check out when leaving.
- Some areas may require taller ladders. Standing on the top two ladder steps is dangerous and not allowed on Terracon property. If your work requires a ladder, please bring one that will safely reach your work.
- Please delineate or barricade your work area to keep Terracon staff away from any hazards.
- When working at heights > 6 feet (or as required by regulation); or within 15 feet of roof edge, fall protection is required.
- Safety Data Sheets (SDS) must be available and provided for any chemicals brought onto Terracon property. Send SDS to your Terracon contact 24 hours prior to beginning work. If the work will generate strong odors, please notify your Terracon representative.
- In the case of emergencies like fire or weather, your Terracon contact will give you directions on where to go and what to do.

Your Terracon contact is:

Explore with us

OUR RULES TO LIVE BY

CONTRACTOR / VENDOR / SUPPLIER GUIDELINES

MDC144


(800) 593-7777 terracon.com

Rev 03.2022

INCIDENT AND INJURY-FREE

(I/IF) is about demonstrating care and concern for people. It is our personal and organizational commitment at all levels of the company to everyone going home safe to their family every day. Safety is held as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities like quality, profitability, and schedule. I/IF is our commitment to our people, who we value for who they are and what they do – and we extend this commitment to Terracon partners. All contractors, vendors, and suppliers shall be familiar with and comply with occupational safety and health standards as outlined by the Occupational Safety and Health Administration (OSHA). It is the expectation that all contractors follow safe working practices while working within Terracon offices. While the contractors, vendors, or supplier is responsible for ensuring their personnel follow safety rules, Terracon will not willfully ignore unsafe work if personnel are observed violating such rules.

Personnel found violating any of our safety and health rules or performing any other hazardous activity will be asked to leave the building and their actions could result in termination of the supplier's contract.

Personal Protective Equipment (PPE)

- Wear and maintain PPE as required by project, task, and/or work environment. Core PPE required for all contractors includes:
 - ✓ Safety glasses with lateral protection (ANSI Z.87).
 - ✓ Safety footwear (ASTM F2413).
 - ✓ Gloves appropriate for tasks.
 - ✓ Hard hat when overhead hazards are present.
 - ✓ High-visibility apparel in areas with vehicular traffic (note: Minimum Class II).
 - ✓ Hearing protection for high-noise activity.
- When working at heights greater than 6 feet, workers must use and be trained in fall protection.
- Inspect PPE for defects before and during use. If defective, repair or discard and replace with defect-free PPE.

EQUIPMENT

- Use tools, equipment, and safety devices according to manufacturer's instructions. Never remove, modify, or override safety devices.
- Inspect tools, equipment, and safety devices for defects before and during use. If defective, repair or tag with "do not use" and report to supervisor to remove from service.
- Ladders shall be in good working condition and used in accordance with OSHA guidelines. Ladders shall be appropriate for the work being performed. Standing on the top rungs of a ladder is not permitted. If work is being performed above the ceiling tiles, a taller ladder shall be used so that the top two rungs remain unused.
- For electrical work, lockout/tag-out with proper signage shall be performed. Affected employees shall be notified at least one hour in advance. Electrical power tools shall be protected by GFCI, grounded, or double insulated.
- For hot work, i.e., work generating heat or flame, the contractor must provide a fire watch and additional fire extinguisher (minimum 20 BC).

VEHICLE OPERATIONS

- It is Terracon policy not to use a cell phone to talk or text while on company business. Please do not contact Terracon while you are driving or use a cell phone while driving on Terracon property or project sites.
- Terracon employees practice "First Move Forward". Be aware that Terracon vehicles may stop and back into parking spaces. If you are comfortable with this, please park your vehicle to prevent the need for backing to exit the space or work area.
- Wear seat belt while operating or riding in any motorized vehicle on Terracon property or projects. Drivers must ensure passengers fasten seat belt before driver operates motorized vehicle.
- If positioning or maneuvering your vehicle requires backing, please use or ask for a spotter.

GENERAL SAFETY REQUIREMENTS

- Always check in with your Terracon representative or reception before beginning work. Check out when leaving the site.
- Take the time you need to do the job safely.
- Employees must receive safety training or certifications required for a job task. Workers should only perform the task they have been trained and certified to do.
- Good housekeeping practices shall be observed by all contractors at all times. Debris must be removed from the work area at the end of each day.
- Walkways shall be kept clear and precautions taken for Terracon employee safety.
- Any contractor creating an unsafe condition must erect the necessary barricades, covers, and/or warning apparatus for the conditions.
- All personal injury or property damage incidents must be reported to your Terracon contact immediately or before you leave the Terracon property.
- Step back for safety. Stop your work if you feel it is unsafe to continue or if someone questions the safety of your behavior. Inform your Terracon contact of the situation and work together to identify and mitigate any hazards.
- Terracon is committed to providing a safe and secure workplace. Contractors are expected to work in concert with Terracon employees to ensure the workplace remains safe and secure for all. Behavior that could be perceived as threatening or indicating a possibility of violence will not be tolerated.
- The possession, introduction, or the attempted introduction of any firearm, ammunition, explosive device or any material or device that can cause severe harm to persons or property is prohibited on Terracon property.
- Contractors must be fit for duty and report to work able to perform their duties safely. Possession, distribution, or use of any federally illegal drug or controlled substance will not be tolerated. Consumption or being under the influence of alcohol while working for Terracon is a violation of our policy.
- Any safety concerns may be reported to your Terracon contact, safety@terracon.com, or Terracon Corporate Safety at (913) 298-7338.

LIFE SAVING ABSOLUTES



FOR OPERATING EXPLORATION EQUIPMENT

- 1 Proceed with exploration operations only when in possession of a valid public utility clearance number or ticket on which Terracon is identified as the excavator.* Use Stop Work authority in the event of unclear utility markings.
 - 2 Prior to mobilization, verify approved traffic control measures are in place before beginning work within, or immediately adjacent to, active roadways.
 - 3 Maintain a safe working distance from overhead powerlines in accordance with overhead utility minimum safe clearance distances.
 - 4 Operate drill rig controls only when authorized.
 - 5 Maintain a minimum of two authorized crew members at the drill rig while it is operational.
 - 6 Keep clear of rotating equipment only making contact when rotation has come to a complete stop.
 - 7 Only use leveling jacks to stabilize the drill rig. Do not use leveling jacks to remove tooling.
 - 8 Place tower and feed cylinders in travel position before moving or repositioning the drill rig.
- * **Contractors are expected to possess a valid public utility clearance number or ticket in their company name.**

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“We must hold ourselves responsible, not just for our own safety and wellbeing, but for the safety of everyone around us.”

- GAYLE PACKER, PRESIDENT and CEO



Your Terracon site contact is:

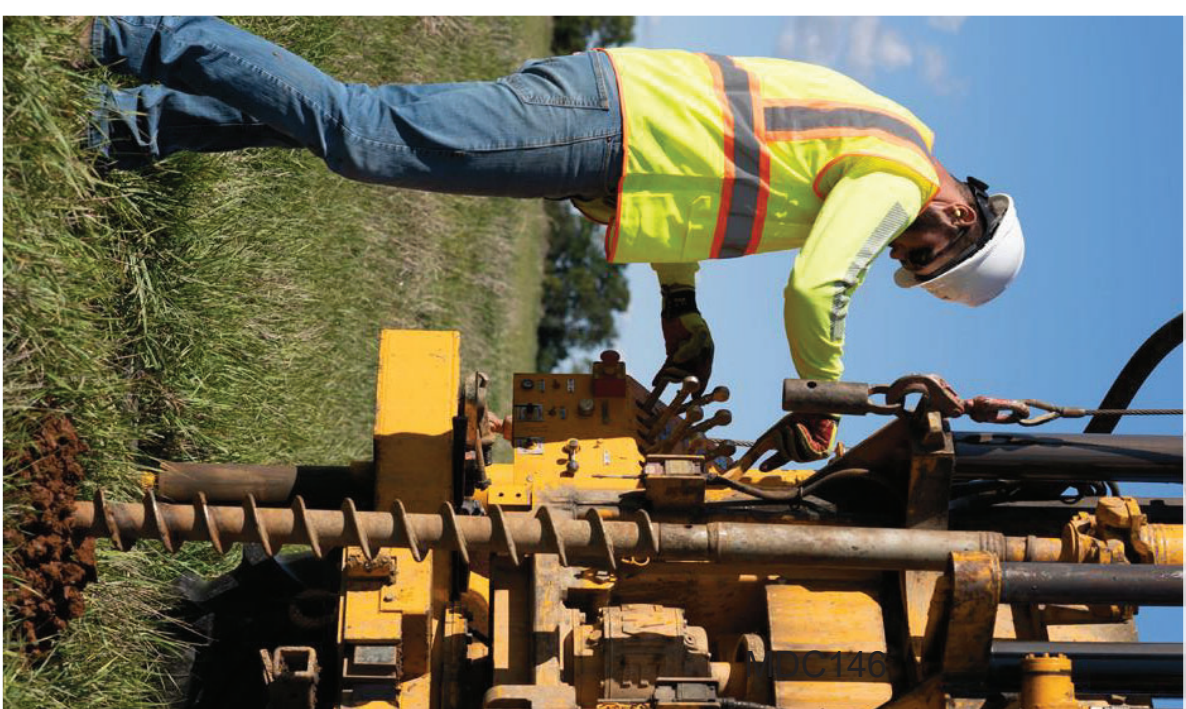


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Rev 03.2022

Terracon
Explore with us

**OUR RULES TO LIVE BY
CONTRACTOR GUIDELINES**



INCIDENT AND INJURY-FREE

(I/IF) is about demonstrating care and concern for people. It is our personal and organizational commitment at all levels of the company to everyone going home safe to their family every day. Safety is held as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities like quality, profitability, and schedule. I/IF is our commitment to our people, who we value for who they are and what they do – and we extend this commitment to Terracon contractors. All subcontractors and vendors shall be familiar with and comply with occupational safety and health standards as outlined by the Occupational Safety and Health Administration (OSHA). It is the expectation that all subcontractors and vendors follow safe working practices while working within Terracon projects. While the contractor is responsible for ensuring their personnel follow safety rules, Terracon will not willfully ignore unsafe work if personnel are observed violating such rules.

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- Wear and maintain PPE as required by project, task, and/or work environment. Core PPE required for all contractors includes:
 - ✓ Safety glasses with lateral protection (ANSI Z.87).
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 - ✓ Gloves appropriate for tasks.
 - ✓ Hard hat when overhead hazards are present.
 - ✓ High-visibility apparel in areas with vehicular traffic (note: Minimum Class II).
 - ✓ Hearing protection for high-noise activity.
- When working at heights greater than 6 feet, workers must use and be trained in fall protection.
- Inspect PPE for defects before and during use. If defective, repair or discard and replace with defect-free PPE.

EQUIPMENT

- Inspect tools, equipment, and safety devices for defects before and during use. If defective, repair or tag with “do not use” and report to supervisor to remove from service.
- Use tools, equipment, and safety devices according to manufacturer's instructions. Never remove, modify, or override safety devices.
- Ladders shall be in good working condition and used in accordance with OSHA guidelines. Ladders shall be appropriate for the work being performed. Standing on the top two rungs of a folding ladder is not permitted. If work is being performed above the ceiling tiles, a taller ladder shall be used so that the top two rungs remain unused.

- For electrical work, lockout/tag-out with proper signage shall be performed. Affected employees shall be notified at least one hour in advance. Electrical power tools shall be protected by GFCI, grounded, or double insulated.
- For hot work, i.e., work generating heat or flame, the contractor must provide a fire watch and additional fire extinguisher (minimum 20 pounds).
- At a minimum, Terracon limits rod height so that no joint may be hoisted above the top of the tower. Each individual contractor may impose more stringent requirements based on internal safety protocols or rig manufacturer recommendations. Terracon may impose more strict requirements depending on client requirements, proximity to overhead lines, or other site conditions.

VEHICLE OPERATIONS

- It is Terracon policy not to use a cell phone to talk or text while on company business. Please do not contact Terracon while you are driving.
- Terracon employees practice “First Move Forward” Please park your vehicle to prevent the need for backing to exit the space or work area.
- When backing or maneuvering vehicles or equipment, spotter(s) must be used at all times.
- Wear seat belt while operating or riding in any motorized vehicle. Drivers must ensure passengers fasten seat belt before driver operates motorized vehicle.

GENERAL SAFETY REQUIREMENTS

- Terracon's Project Manager will provide and review with you an Exploration Package prior to beginning work. This is designed to identify our safety expectations.
- Always check in with your Terracon representative before beginning work. Check out when leaving the site.
- A Tailgate Safety form must be completed prior to beginning exploration operations and provided to Terracon upon completion of the project.
- Take the time you need to do the job safely.
- Employees must receive safety training or certifications required for a job task. Workers should only perform the task they have been trained and certified to do.
- Good housekeeping practices shall be observed by all contractors at all times. Debris must be removed from the work area at the end of each day.
- Any contractor creating an unsafe condition must erect the necessary barricades, covers, and/or warning apparatus for the conditions.
- All personal injury or property damage incidents must be reported to your Terracon contact immediately or before you leave the work site.
- Step back for safety. Stop your work if you feel it is unsafe to continue or if someone questions the safety of your behavior. Inform your Terracon contact of the situation and work together to identify and mitigate any hazards.
- Terracon is committed to providing a safe and secure workplace. Contractors are expected to work in concert with Terracon employees to ensure that the workplace remains safe and secure for all. Behavior that could be perceived as threatening or indicating a possibility of violence will not be tolerated.
- The possession, introduction, or the attempted introduction of any firearm, ammunition, explosive device or any material or device that can cause severe harm to persons or property is prohibited on Terracon property.
- Contractors must be fit for duty and report to work able to perform their duties safely. Possession, distribution, or use of any federally illegal drug or controlled substance will not be tolerated. Consumption or being under the influence of alcohol while working for Terracon is a violation of our policy.

PROOF OF AUTHORIZATION TO DO BUSINESS

(Attach a copy of the Certificate of Status or Authorization per 607.0128 F.S., and certificate evidencing compliance with the Florida Fictitious Name Statute per 865.09 F.S., if applicable.)

(Insert Here)

State of Florida

Department of State

I certify from the records of this office that TERRACON CONSULTANTS, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on December 31, 2003.

The document number of this corporation is F04000000114.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 16, 2025, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Seventeenth day of January,
2025*




Secretary of State

Tracking Number: 9171696598CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
1	GEOTECHNICAL SERVICES		
A	Mobilization of Truck-Mounted Drill Rig. [If special access equipment required (i.e. ATV's, Off-Road or Marine Equipment) or restricted access See Item 8 of the "General Notes and Special Conditions" for Rates.]	Up to 4 Percolations per Day or Up to 100 Ft. of Borings.	\$489.00
B	Borings Standard Penetration per ASTM D-1586: With or Without Casing:		
B.1	Penetration Depth 0' to 50'	Per Foot	\$27.00
B.2	Penetration Depth 51' to 75'	Per Foot	\$32.00
B.3	Penetration Depth 76' to 100'	Per Foot	\$38.00
B.4	Penetration Depth 101' to 150'	Per Foot	\$46.00
C	Auger Borings per ASTM D-1452 Penetration Depth:		
C.1	Penetration Depth 0' to 50'	Per Foot	\$20.00
C.2	Penetration Depth 51' to 75'	Per Foot	\$22.00
C.3	Penetration Depth 76' to 100'	Per Foot	\$26.00
C.4	Penetration Depth 101' to 150'	Per Foot	\$30.00
D	Rock Coring per ASTM D-2113 (Max. NX Size):		
D.1	Penetration Depth 0' to 50'	Per Foot	\$44.00
D.2	Penetration Depth 51' to 75'	Per Foot	\$52.00
D.3	Penetration Depth 76' to 100'	Per Foot	\$62.00
D.4	Penetration Depth 101' to 150'	Per Foot	\$70.00
D.5	Casing	Per Foot	\$9.00
D-6	Rates for 4" Diameter Rock Coring to be negotiated with Project Manager	Per Foot	

MIAMI-DADE COUNTY AVIATION DEPARTMENT
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES
 Contract No. E24AV03

APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
E	Standard Penetrating Test:		
E.1	Standard Penetration Test (Includes Mobilization and Soil Boring Log) (Portable Equipment)	Per Foot	\$32.00
E.2	Standard Penetration Test (Water Boring) (Equipment Excluded, Barge Cost to be Negotiated by Aviation Department. Permit reimbursable upon Proof of Payment.)	Per Foot	\$67.00
F	Undisturbed Sampling per ASTM D-15	Per Sample	\$147.00
G	Slug Percolation Test-USGS / PWD 9" Dia. Hole (DERM) (Min. 2 per Job)	Per Test	\$559.00
H	Double Ring Infiltration Test per ASTM D-3385 (Swale or Grassy Areas) (Min. 2 Tests)	Per Test	\$642.00
I	Percolation Tests:		
I.1	Fla. Dept of Health and Rehabilitative Services, Chapter 100-6.57 (Min 2 Tests per Job)	Per Test	\$478.00
I.2	DCPW Highway Division (Min 12" Dia.) (Min 2 Tests per Job)	Per Test	\$699.00
I.3	Open Hole Method (Min 6" Dia.) (Min 2 Tests)	Per Test	\$645.00
J	Closing Holes with Grout / Approved Method(s) to Safe Proof Site, [Safe proof to be Accomplished Before Laboratory Leaves the Site(s)]	Per Linear Foot	\$10.00
K	Soil Cement Stabilization Field Inspection	Per Hour	\$108.00
L	Water Quality Monitoring	Per Sample	\$108.00
M	Geotechnical Engineering Evaluation and Report of Existing Soil with Respect to Allowable Bearing Capacity	Per Hour	\$160.00
N	Geotechnical Engineer Pile Capacity Analysis	Per Hour	\$160.00
O	Muck Probes	Per Hour	\$107.00
2	MONITORING WELLS (Includes Drilling)		
A	Mobilization of Truck-Mounted Drill Rig. (Same Conditions Apply as referenced for Geotechnical Services, Item 1.A, Page 1 of Fee Schedule)	Up to 2 Wells Per Day	\$481.00
B	Monitoring Well Installation (1" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$868.00
C	Temporary Monitoring Well Installation (1" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$812.00
D	Monitoring Well Abandonment (1" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$418.00
E	Monitoring Well Installation (2" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$870.00
F	Monitoring Well Abandonment (2" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$432.00
G	Monitoring Well Installation (4" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$1,118.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
H	Monitoring Well Abandonment (4" PVC, Max. 20' Depth)* (Min. 2 Wells)	Per Well	\$520.00
I	Monitoring Well Installation (2" PVC, Greater than 20' up to 100')* (Min. 2 Wells)	Per Foot	\$95.00
J	Repair of Monitoring Wells Unit Rates	Per Unit	\$1,250.00
K	Water Quality Monitoring (Does Not Include Analytical Tests) (Per Well)	Per Well	\$330.00
L	Direct Push Well Installation (20 Feet Max)	Per Well	\$1,078.00
M	Direct Push Soil/ Groundwater Sampling	Per Day	\$2,173.00
N	Boat Rental (Min. 8 Hour Day) With Prior Approval by Aviation Department (Furnish Copy of Ownership or Copy of Rental Invoice)	Per Day	\$665.00
3	PRE-STRESS / PRE-CAST (Includes Travel, Mileage, Delivery and Certificate Reports)		
A	Pre-Stress/ Pre-Cast Fabrication Inspection per PCI MNL-116 (Structural) or MNL-117 (Architectural) (Bridge and Building Units/ Ready Mix Plants Inspections) (Min. 4 Hrs.)	Per Hour	\$109.00
B	Pre-Stress (Inspection and Certified Report Included) (Stressing Operation and Inspection) per PCI MNL-116 (Min. 4 Hrs.)	Per Hour	\$109.00
C	Reinforced Concrete Pipe and Pre-Fabricated Manhole Inspection (Types, Sizes, and Design) (Includes Inspection and Certified Report) (Min. 4 Hrs.)	Per Hour	\$109.00
D	Absorption Test of Pre-Cast Units per ASTM C-497.	Per Core	\$78.00
E	Three Edge Bearing Test per ASTM C-497.	Per Hour	\$109.00
F	Hydrostatic Testing per ASTM C-497.	Per Hour	\$109.00
G	Testing Concrete Cylinder per ASTM C-497. (Same Conditions Apply as Shown on 3A) (Does NOT Include Technician or Pick-Up).	Per Cylinder	\$147.00
	* If Additional Hours are required Must have Approval from Aviation Department		
4	PILING		
A	Pile Driving/Auger Cast Pile Inspection (Includes Certified Log/Report (4 Hrs. Min.)	Per Hour	\$112.00
A.1	Splice of Piles as an Addition (per Occurrence)(with Prior Approval from Engineer) (Witness Splice)	Per Hour	\$112.00
B	Vibro-Floatation Inspection (4 Hrs. Min.)	Per Hour	\$112.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
C	Pile Load Test - Test Frame and Load Set-up Witnessed by Certified Inspector per ASTM D-1143 (Equipment / Loads Furnished by Contractor)	Per Hour	\$112.00
C.1	Furnish and Set-up of Calibrated Gauges.	Per Gauge	\$147.00
C.2	Monitoring of Pile Load Test, Collect Field Data, and Inspector Time	Per Hour	\$112.00
C.3	Pile Load Test Report, Certify and Prepare Report for Load Capacity of Pile. (Engineer's Time)	Per Hour	\$160.00
C.4	Pile Dynamic per Day (4 Hr. Min.)	Per Hour	\$201.00
5	SOILS (Includes Travel, Mileage, Delivery and Certified Report) (Does NOT Include Technician or Pick-Up)		
A	Field Density Tests		
A.1	Sand Cone Method per AASHTO T-19 and ASTM D-1556 (2 Tests Min.)	Per Test	\$120.00
A.2	Nuclear Method per AASHTO T-238 & ASTM D-2922. (Moisture per AASHTO T-239 & ASTM D-3017) (Min. 4 Tests): Per Test (From 1 thru 4 Tests), Per Trip	Per Test	\$66.00
A.2A	Per Test (From 5 thru 10 Tests), Per Trip	Per Test	\$46.00
A.2B	Per Test (From 11 or More Tests), Per Trip	Per Test	\$41.00
A.3	Maximum / Minimum Relative Density Tests per ASTM D-4253 abd 4254 (Field and Laboratory) Hourly Rate - (Min 4 Hrs.)*(Unlimited Tests) (7:00 AM to 6:00 PM) (Equipment ONLY , Technician NOT included) * If Laboratory Finishes Work in Less than 4 Hr. Increment, they Shall be Paid for the Full 4 Hrs., If Time Runs Past the 4 Hr. Increment, Extra Hrs. Shall Be Paid at the Per Hour Rate, Upon Approval from Aviation Department	Per Test	\$230.00
A.4	Evening Density Testing (7:00 PM to 6:00 AM) (if requested by Aviation Department Designee to be Performed in the Evening and to be Paid at the Min. 4 Hrs. Unlimited Tests*) (Equipment ONLY, Technician NOT included.)	Per Hour	\$84.00
A.5	Standard per AASHTO T-99 and ASTM D-698 (Non-Traffic Areas) (Min. 2 Tests per Trip)	Per Hour	\$119.00
B	Moisture Density Tests (Proctor)		
B.1	Modified per AASHTO T-180 and ASTM-1577 (Building / Highway Projects) (Min. 2 Tests per Trip)	Per Test	\$202.00
B.2	Limerock Bearing Ratio (LBR) - FDOT	Per Test	\$209.00
C	Carbonates on LBR Material (2 Tests per Trip)	Per Test	\$448.00
D		Per Test	\$96.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT
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FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES
 Contract No. E24AV03

APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
E	Laboratory California Bearing Ratio (CSR) per ASTM D-1883 (One Point)	Per Test	\$365.00
E.1	Lab Proctor Test	Per Test	\$195.00
E.2	Three (3) Point CBR	Per Test	\$455.00
F	Field California Bearing Ratio per Asphalt Institute MS-10 (Latest Version) (Reaction Load by Others) (2 Tests Min.)	Per Test	\$562.00
G	Moisture Content	Per Test	\$53.00
H	Organic Content		
H.1	Limerock per AASHTO T-267 (by Incineration)	Per Test	\$70.00
H.2	Test of Soil Chemical Analysis [(1972) P.R. Hesse P. 21.1] (by Peroxide)	Per Test	\$100.00
I	Grain Size per AASHTO T-27 (Sieve Analysis Only)	Per Test	\$90.00
J	Mechanical Analysis per ASTM D-422 or T-11 and T-27	Per Test	\$103.00
K	Soil Classification per ASTM D-3282 and D-2487 (AASHTO-Unified-FAA)	Per Test	\$133.00
L	Los Angeles Abrasion on Rip-Rap per ASTM C-535 (Large Size Coarse Aggregate)	Per Test	\$327.00
M	Soundness on Rip-Rap per ASTM C-88 (5 Cycle Sodium Sulphate)	Per Test	\$394.00
N	Soil Specific Gravity per ASTM D-854	Per Test	\$81.00
O	Material Finer than 200 Sieve per ASTM C-117	Per Test	\$62.00
P	Liquid Limit per ASTM D-4318 (Afterberg Limits)	Per Test	\$105.00
Q	Salt Content per FDOT FM 5-516	Per Test	\$79.00
R	Limerock Base Thickness Determination -Minimum 3" Diameter Holes FAAP-211 (Min. 2 Tests)	Per Test	\$137.00
R.1	Unlimited Tests	Per Day	\$1,111.00
S	Limerock Chemical Analysis per DCPW, FDOT (2 Tests Min.)	Per Test	\$116.00
T	Limerock Chemical Analysis per DCAD FAAP-211 (2 Tests Min.)	Per Test	\$116.00
U	Resistivity Test in Accordance with California Method 643-7 with Break-down for Test, Sampling, PH Measurement of Water and Soil, etc.	Per Test	\$204.00
V	Sediments Tests	Per Test	\$108.00
W	Soil Load Bearing Test (Plate Load) (Reaction Load by Others)		
W.1	Static Load on Footings per ASTM D-1194	Per Test	\$702.00
W.2	Repetitive Static Load for Pavement per ASTM D-1195	Per Test	\$767.00
W.3	Non-Repetitive Static Load for Pavement per ASTM D-1196	Per Test	\$737.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
X	Soil Relative Density Tests (Vibro-Flotation / In-Situ Verification)		
X.1	CPT Cone Penetration Test Soundings	Per Foot	\$24.00
Y	Horticultural Service for PH Value of Soil	Per Test	\$56.00
Z	Horticultural Service for Soluble Salts in Soil	Per Test	\$94.00
AA	Horticultural Service for Macro Nutrients in Soil	Per Test	\$109.00
AB	Backfill Monitoring (4 Hrs. Min.)	Per Hour	\$84.00
AC	Geotechnical Engineer (Min. 2 Hours)	Per Hour	\$160.00
6	ASPHALT CONCRETE		
	(Includes Travel, Mileage, Delivery and Certified Report.)(Does NOT Include Technician or Pick-Up).		
A	Asphalt Paving Design Mix Marshall Method (Includes Sampling, Standard Design and Procedures) per Asphalt Institute Manual Series No. 2	Per Mix	\$1,073.00
B	Analysis of Special Design Mix.	Per Mix	\$859.00
C	Marshall Properties (FDOT Procedures) (Aviation P- 401 / P- 405). (Technician plus tests.)		
C.1	Stability per ASTM D-1559 or AASHTO D-T 245 (Set of 3 Specimen).	Per Set	\$170.00
C.2	Flow per ASTM - 1559 or AASHTO D-T 245 (Set of 3 Specimen),	Per Set	\$159.00
C.3	Density per ASTM D-2726 (Set of 3 Specimen).	Per Set	\$151.00
C.4	Air Voids per ASTM- 3203 (Set of 3 Specimen).	Per Set	\$149.00
C.5	Maximum Density per ASTM D-2041.	Per Set	\$42.00
C.6	Particle Coating per ASTM D-2489.	Per Sample	\$170.00
C.7	Sampling/Prep. Per ASTM D-1559 / D-2726.	Per Sample	\$101.00
C.8	Bulk Specific Gravity of Drilled Core per ASTM D-2726.	Per Core	\$73.00
C.9	Moisture Content - Drying per ASTM C-566.	Per Sample	\$74.00
C.10	Moisture Content- Distillation per ASTM D-1461.	Per Sample	\$178.00
C.11	Asphaltic Specific Gravity/ Absorption of Aggregate Blends.	Per Aggregate Sample	\$140.00
C.12	Sampling Hot Mix at Manufacturer Per ASTM D-979.	Per Hour	\$89.00
C.13	Effect of Water on Hot Mix per ASTM D-1075 (Set of 6 Samples).	Per Set	\$169.00
C.14	Washed Sieve Analysis.	Per Sample	\$88.00
C.15	AASHTO T-182	Per Sample	\$191.00
C.16	Flat / Elongated Pieces per ASTM D-4791.	Per Sample	\$194.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
C.17	Effect of Moisture on Hot Mix per ASTM D-4867 (Set of 6 Samples).	Per Set	\$399.00
C.18	Sand Equivalent per ASTM D-2419	Per Sample	\$145.00
C.19	Effect of Water on Cohesion per ASTM D-1075 / Modified.	Per Sample	\$285.00
D	Extraction/ Gradation Analysis per ASTM D-6307	Per Test	\$215.00
E	Asphalt Plant Technician Using FDOT Approval Plant, Laboratory and Procedures for Extraction, Gradations, Marshall Tests and temperature Checks (ASTM D-290-85) (Per Person. Min. 4 Hrs.)	Per Hour	\$109.00
F	Paving Technician for On-Site Paving Operations, Inspections per FDOT Procedures (Temperature, Density Testing and Observation) (4 Hr. Min.)	Per Hour	\$109.00
G	Asphalt Densities (Nuclear-Back Scatter Method) (Min. 4 Tests)	Per Test	\$41.00
H	Asphalt Core Drilling for Thickness Measurements (Includes Asphalt Patching) (Min. 6 Cores per Call-Out)	Per Core	\$82.00
I	Asphalt Cores Laboratory Tests for Measurements per ASTM D-3549 and Weight per Cubic Foot, per ASTM D-2726. (Min. 4 Cores)	per core	\$62.00
J	Gyratory Compaction (Bulk Specific Gravity)	Per Sample	\$163.00
7	TECHNICAL SERVICES (AVIATION)		
A	P401 Technical Services• NICET 111/P.E./FDOT/II/Equivalent per ASTM D-3666 Asphalt Plant Facilities & Initial Plant Inspection, Quality Reviews, Design Mix/JMF Review, Technical Report/Meetings/Coordination Oversight/PWL /Reviews (Min. 4 Hrs.).	Per Hour	\$154.00
B	P401 / P405 / P602 / P603 / P609 - Field Acceptance Inspection. Certified Inspector per ASTM D-3666.		
B.1	Level "I" Inspector (Weekday Min. 4 Hrs.)	Per Hour	\$104.00
B.2	Level "II" Inspector (Weekday Min. 4 Hrs.)	Per Hour	\$118.00
B.3	Cancellation Fee (Plant) (Per Technician)	Per Cancellation/Tech	\$283.00
8	CONCRETE TESTING (Includes Travel, Mileage, Delivery and Certified Report) (Does NOT Include Technician or Pick-Up)		
A	Cylinders - Cast and Tested by Laboratory.		
A.1	Standard 6"x12" or 4"x 8" Cylinder. (Concrete Temperature Test and Slump Test) (Per ASTM C-31 "Section 7" Lab. Strength Tests per C-39 using C-617 or C-1231) (Max. 5 Cylinders Per Set).	Per Set	\$148.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES
 Contract No. E24AV03

APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
A.2	Lightweight Concrete 3"x6" Cylinder Includes Concrete per ASTM C-495 (Max. 5 Cylinders Per Set).	Per Set	\$148.00
A.3	Air Entrainment per ASTM C31 (used concurrently with Concrete Set Testing)	Per Set	\$49.00
A.4	Cylinder Pick-Up	Per Hour	\$80.00
B	Securing Structural or Pavement Cores per ASTM C-42(6"Max. Dia.) (3 Cores Min.)		
B.1	8" Deep	Per Core	\$167.00
B.2	14" Deep	Per Core	\$199.00
B.3	12" Deep x 12" Diameter	Per Core	\$399.00
C	Cores Trim and Compression Test per ASTM C-42.	Per Test	\$58.00
D	Concrete Masonry Units per ASTM C-140 & C-551 - Block/Brick per ASTM-140.		
D.1	Concrete Brick per ASTM C-551. (Min 2 Bricks)		
D.1A	Compression	Per Brick	\$63.00
D.1B	Absorption	Per Brick	\$82.00
D.1C	Dimension	Per Brick	\$60.00
D.1D	Appearance	Per Brick	\$56.00
D.2	Block, Manhole	Per Test	\$76.00
D.3	Block, Concrete Compression per ASTM C-140 - Individual Units.	Per Test	\$74.00
D.4	Block, Concrete Absorption per ASTM C-140 - Individual Units.	Per Test	\$88.00
D.5	Moisture Content of Concrete Block per ASTM C-140	Per Block	\$74.00
D.6	Block Series, Dimensions, Compression, Absorption, Moisture Content and Unit Weight (Density) per ASTM C-140	Per Block	\$230.00
D.7	Mortar Cubes 2"x2"x2" Compression Test per ASTM C-109 (Min. 3 per Test) (Cast by Others).	Per Cube	\$48.00
D.8	Masonry Prisms per ASTM C-1314 (Fabricated by Contractor) (Unfilled).	Per Prism	\$178.00
D.9	Sampling and Pick-Up (Casting not Included).	Per Unit	\$84.00
D.10	Concrete Block Unit Weight per ASTM C-140.	Per Block	\$79.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
D.11	Grout Cube Compression test per ASTM C-1014 (Cast by Others).	Per Cube	\$29.00
D.12	Technician to Cast Mortar or Grout Cubes in Laboratory or On-Site (Incl. Slump & Temp. Tests) per ASTM C-1019	Per Hour	\$84.00
D.13	On Site Masonry Inspector per ACI-530.1 (Min. 4 Hrs.)	Per Hour	\$107.00
D.14	Measure Grout Prisms per ASTM C-1019 (4 Prism per set)	Per Test	\$181.00
E	Concrete Beams		
E.1	Tension Test per ASTM C-496 (Splitting Tension Test for Cylindrical Specimen, not Beams).	Per Test	\$88.00
E.2	Flexural Test per ASTM C-78 (ASTM C-31, C-78) Cast per ASTM C-36, (2 Beams Required per Test).	Per Beam	\$157.00
F	Air Content per ASTM C-173 or ASTM C-231.	Per Test	\$48.00
G	Concrete Densities (Unit Weight) & Yield Test per ASTM C-138.	Per Test	\$56.00
H	Design Mix per ACI-211 Standard Aggregate (Materials Furnished by Supplier) (Laboratory Sampling Included) (1 Trial Batch and 6 Cylinder Tests) (First of Any Series)	Per Mix	\$723.00
H.1	(Additional Design Mixes in Series)	Per Mix	\$558.00
H.2	Design Mix Materials Testing	Per Test	\$98.00
H.2A	Gradation	Per Test	\$112.00
H.2B	Fine Aggregate Gravity and Absorption C-127.	Per Test	\$127.00
H.2C	Coarse Aggregates Specific Gravity and Absorption C-128.	Per Test	\$294.00
H.2D	LA Abrasion C-88	Per Test	\$118.00
I	On-Site Inspection per ACI-304 and ACI-311.5R (Per Site Visit as Approved by the Engineer) (4 Hrs. Min.)	Per Hour	\$107.00
J	Concrete Plant Inspector per ACI-311.5 (Mix and Weight Verification)(4 Hrs. Min.)	Per Hour	\$107.00
K	Windsor Probe Test per ASTM C-803 (Penetration Resistance to Determine Uniformity) with Equipment Charge (Windsor Gun) (Per Trip Per Location)	Per Trip	\$371.00
L	ASTM C-803 (Set of 3 Probes per Test)	Per Test	\$132.00
M	Concrete Rebound Hammer test per ASTM C-805 (Use of Spring Driven Steel Hammer to Determine Uniformity of In-Place Concrete) (4 Hrs. Min)	Per Hour	\$107.00
N	Pullout per ASTM C-900 (Includes Pin Installation).	Per Test	\$475.00
O	Thickness of Concrete per ASTM C-1383.	Per Hour	\$90.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
P	Corrosion Activity per ASTM C-876	Per Hour	\$118.00
Q	Chloride Content.		
Q.1	Per ASTM C-1152	Per Test	\$169.00
Q.2	Per ASTM C-1218	Per Test	\$173.00
R	Pachometer (Magnometer) Readings for Rebar Location, Approximate Size and Spacing (4 Hrs. Min)	Per Hour	\$107.00
S	Los Angeles Abrasion per ASTM C-131 (Small Size Coarse Aggregate)	Per Test	\$295.00
T	Sieve Analysis per ASTM -136	Per Test	\$98.00
U	Absorption Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C-127	Per Test	\$98.00
V	Specific Gravity Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C-127	Per Test	\$98.00
W	Weight per Cubic Feet per ASTM C-29	Per Test	\$98.00
9	STEEL (Use - AWA, AMS, AWS, ASME, API, as Applicable)		
A	Shop / Field Weld Inspection per ASTM D-5339 (4 Hrs. Min.)	Per Hour	\$115.00
B	AWS, AWA, ASME Welder Tests - Groove or Fillet	Per Position	\$290.00
B.1	Plate	Per Position	\$291.00
B.2	Pipe	Per Position	\$291.00
C	Reinforcing Steel Tensile Test	Per Test	\$183.00
D	Reinforcing Steel Deformation Test	Per Test	\$70.00
E	Reinforcing Bar Placement Inspection	Per Hour	\$115.00
F	Chemical Laboratory Test Welding Inspection and Dye Penetrant Weld Testing	Per Hour	\$120.00
G	Radiograph Weld Inspection (Min. 4 Tests)	Per Test	\$191.00
H	Engineering Services		
H.1	Special Inspector for Threshold Buildings (State Certified) (4 Hrs. Min)	Per Hour	\$177.00
H.2	Special Inspector Designee (4 Hrs. Min)	Per Hour	\$139.00
H.3	Special Inspector under the Florida Building Code (4 Hrs. Min)	Per Hour	\$171.00
10	MECHANICAL		
A	Sound Surveys (Includes Travel Time)	Per Hour	\$133.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
B	Lighting Surveys (Includes Travel Time)	Per Hour	\$129.00
11	FIREPROOFING		
A	Inspection of Sprayed-On Fireproof Coating on Structural Steel		
A.1	4 Hours Minimum (If additional hours are required must have approval from issuing Department)	Per Hour	\$107.00
A.2	Laboratory Unit Weight Test of Fireproofing Coating per ASTM E-605	Per Test	\$81.00
A.3	Field Adhesion / Cohesion Tests per ASTM E-736	Per Test	\$186.00
12	STRAIN MEASUREMENTS (SR4 INDICATOR)		
A	Technician Services to Install Gauges/Make Strain Reading (4 Hr. Min.)	Per Hour	\$107.00
13	ULTRASONIC INSPECTIONS		
A	Services of an Ultrasonic Technician and Equipment (8 Hrs. Min.)	Per Hour	\$166.00
B	Assistant Technician (8 Hrs. Min.)	Per Hour	\$160.00
14	STRUCTURAL STEEL		
A	Welding Inspector Per AWS Code (4 Hrs. Min.)	Per Hour	\$118.00
B	Structural Steel Shop or Field Inspector (4 Hrs. Min.)	Per Hour	\$118.00
C	Bolt Tightening Inspection Using:		
C.1	Torque Wrench	Per Hour	\$118.00
C.2	Reg. Wrench	Per Hour	\$118.00
C.3	Filler Gauge	Per Hour	\$118.00
D	Structural Steel Testing / Inspection (4 Hrs. Min.)	Per Hour	\$118.00
15	WELDING		
A	AWS Certified Welding Inspector (4 Hrs. Min.) (Per Inspection)	Per Hour	\$118.00
B	AWS Certified Welding Inspector / 1 Hr. PADI Certified (Min. 2 Inspectors Per Inspection.)	Per Personnel Hour	\$165.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
16	MAGNETIC PARTICLE TESTING (MAGNAFLUX)		
A	Services of a Non- Destructive Technician	Per Hour	\$110.00
B	Magneflux testing	Per Test	\$103.00
17	ROOFING		
	(All Tests Performed Shall be in Accordance with Current Edition of the Florida Building Code at Time the Work is Issued, further, Laboratory Shall be part of the Current Listing of Certified Laboratories for Miami- Dade County Building Department.)		
A	Built-Up Roof Sample Analysis (Test Method for Moisture in Mineral Aggregate used for Built-Up Roofs) (ASTM D-1864)	Per Test	\$72.00
B	ASTM 3617	Per Test	\$400.00
C	Compression Test - Roof Tiles	Per Hour	\$79.00
D	Absorption Test - Roof Tiles (Per Set of 5)	Per Set	\$313.00
E	Up-lift Test of Roof Tiles (Per Set of 5)	Per Set	\$388.00
F	Core Samples (per Architect/ Engineer's Recommendations)	Per Sample	\$98.00
G	Visual Inspections		
G.1	Per Job Min.	Per Job Min.	\$975.00
G.2	Per Square Foot	Per Square Foot	\$0.25
H	Infrared Moisture Survey (Mobilization of Equipment)		
H.1	Per Job Min.	Per Job Min.	\$1,058.00
H.2	Per Square Foot	Per Square Foot	\$0.33
I	Asbestos testing	Per Sample	\$84.00
J	Nuclear Moisture Testing		
J.1	Per Job Min.	Per Job Min.	\$1,017.00
J.2	Per Square Foot	Per Square Foot	\$0.29
K	Impedence Moisture Survey (Machine) (Max. 3 cores)		
K.1	Per Job Min.	Per Job Min.	\$1,058.00

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
K.2	Per Square Foot	Per Square Foot	\$0.35
L	Bonded Pull Test	Per Test	\$289.00
M	Fastener Pull Test (First 10,000 Sq. Ft. Per Deck) (10 Per Test)	Per Test	\$1,058.00
M.1	Per New Roof (Core Sample)	Per Test	\$70.00
M.2	Existing Roof (Core Sample)	Per Test	\$80.00
N	Bell Chamber Test (Max. 2 Test)	Per Test	\$995.00
O	Title Uplift Test (TAS 106)		
O.1	Per Square Foot (2,500 SQ. FT.)	Per Square Foot	\$336.00
O.2	Additional per Square	Per Square Foot	\$28.00
P	Engineer's Report	Per Hour	\$159.00
18	UTILITY LOCATOR		
A	Electromagnetic Induction (EM). This is a method that applies a transmitted signal directly to a target as long as the target is metallic, a receiver is used to detect the transmitted signal. Passive detection is another technique used to locate naturally occurring magnetic fields that exist on power cables generating a 50/60 Hz signal.	Per Hour	TBD
		Per Day	TBD
B	"Super" Sonde. An electromagnetic method that transmits a detectable signal at depths of up to 50 ft (manufactures claim). Provided that the system is accessible and passable, the sonde will be located with an electromagnetic receiver of the same frequency to determine the horizontal routing.	Per Hour	TBD
		Per Day	TBD
C	Ground Penetrating Radar (GPR). GPR can assist in identifying nonmetallic utilities and other structures that are unidentifiable using traditional electromagnetic techniques.	Per Hour	TBD
		Per Day	TBD
D	Pipeline Camera. A camera system is used to identify horizontal routing of sanitary/drainage system within the boundary of the project.	Per Hour	TBD
		Per Day	TBD
19	UNDERWATER TESTING		
A	Piping, pump and valve and subaqueous inspections using video or camera	Per Hour	TBD
		Per Day	TBD

MIAMI-DADE COUNTY AVIATION DEPARTMENT PROFESSIONAL SERVICES AGREEMENT TO PROVIDE FACILITIES DEVELOPMENT MATERIALS TESTING & INSPECTION SERVICES Contract No. E24AV03			
APPENDIX "A" Schedule of Fees			
Line No.	Description	Unit of Measure	Unit Price
B	Sealing valves and sluice gates	Per Hour	TBD
		Per Day	TBD
C	Pipe and cable location	Per Hour	TBD
		Per Day	TBD
D	Installation and removal of pneumatic pipe plugs (96-inch or larger)	Per Hour	TBD
		Per Day	TBD
E	Leak detection inspections	Per Hour	TBD
		Per Day	TBD
F	Retrieval of equipment	Per Hour	TBD
		Per Day	TBD
G	Dredging and clearing of debris and sediment	Per Hour	TBD
		Per Day	TBD
	Note: Vendors prequalified under this solicitation shall be capable of providing routine and/or emergency diving and underwater maintenance services at depths up to 130 feet of water, using approved commercial diving practices, procedures, equipment and properly trained diving and qualified personnel for the Miami Dade County Aviation Department.		



MEMORANDUM (Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: June 2, 2026

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(A)(5)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 votes (majority of membership) ____, CDMP 2/3 members present but not less than 7 votes (majority of membership) ____, CDMP 9 votes (2/3 membership) ____) to approve
- ☒ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(A)(5)
6-2-26

RESOLUTION NO. _____ R-468-26

RESOLUTION APPROVING A CONTRACT BETWEEN MIAMI-DADE COUNTY AND TERRACON CONSULTANTS, INC. AS PART OF A POOL OF ARCHITECTURAL AND ENGINEERING CONSULTANTS TO PROVIDE PROFESSIONAL CONSTRUCTION MATERIALS TESTING SERVICES FOR THE MIAMI-DADE AVIATION DEPARTMENT AT MIAMI INTERNATIONAL AIRPORT, CONTRACT NO. E24AV03B, IN A COMBINED MAXIMUM AMOUNT OF \$41,353,125.00 FOR A TERM OF FIVE YEARS WITH ONE FIVE-YEAR RENEWAL OPTION; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE SAME, AND TO EXERCISE THE PROVISIONS THEREOF, INCLUDING TERMINATION

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying County Mayor's memorandum and documents, copies of which are incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

Section 1. Approves the Professional Services Agreement ("PSA") between Miami-Dade County and Terracon Consultants, Inc. as part of a pool of architectural and engineering consultants to provide professional construction materials testing services for the Miami-Dade Aviation Department at Miami International Airport, Contract No. E24AV03B, in a combined maximum amount of \$41,353,125.00 for a term of five years with one five-year renewal option, in substantially the form attached to the accompanying County Mayor's memorandum as Attachment F and made a part of hereto. A complete set of contract documents are on file and available upon request from the Miami-Dade Aviation Department.

Section 2. Pursuant to section 2-285 and 2-285.2 of the Miami-Dade County Code, this Board authorizes the County Mayor or County Mayor's designee to exercise the provisions thereof, including the authority to execute Contract No. E24AV03B and the authority to exercise its termination provisions.

The foregoing resolution was offered by Commissioner **Roberto J. Gonzalez**, who moved its adoption. The motion was seconded by Commissioner **Danielle Cohen Higgins** and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman	aye
Kionne L. McGhee, Vice Chairman	absent
Marleine Bastien	aye
Sen. René García	aye
Roberto J. Gonzalez	aye
Danielle Cohen Higgins	aye
Natalie Milian Orbis	aye
Micky Steinberg	aye
Juan Carlos Bermudez	aye
Oliver G. Gilbert, III	absent
Keon Hardemon	absent
Vicki L. Lopez	aye
Raquel A. Regalado	aye

The Chairperson thereupon declared the resolution duly passed and adopted this 2nd day of June, 2026. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: **Basia Pruna**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

DMM

David M. Murray