

Date: December 3, 2024

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

From: Daniella Levine Cava
Mayor

Subject: Contract Award Recommendation to Hazen and Sawyer, PC for Professional Engineering Services for the Miami-Dade Aviation Department; Contract No. E23AV03

Agenda Item No. 8(A)(3)

Resolution No. R-1062-24

SUMMARY

This item is recommending the County enter into a Professional Services Agreement (PSA) with Hazen and Sawyer, PC (Hazen & Sawyer) for the provision of professional engineering services to ensure compliance with a federally and state mandated Sanitary Sewer Consent Decree (Sanitary Sewer CD), which was filed in 2013 against Miami-Dade County under the authority of the Attorney General of the United States on behalf of the United States Environmental Protection Agency (USEPA), in which the Florida Department of Environmental Protection (FDEP) became a party to the civil action. The Sanitary Sewer CD, among other things, requires volume sewer customers that discharge into the County's sewer collection treatment system to make changes to their sanitary sewer operating practices to better manage, operate and maintain their sewer collection systems and update and maintain their wastewater master plans. Consequently, all volume sewer customers (which includes Miami International Airport) are obligated to comply with these local regulatory requirements that fall under the jurisdiction of the County's Regulatory and Economic Resources (RER) Department's Division of Environmental Resources Management (DERM).

As part of this compliance effort, it is compulsory that the Miami-Dade Aviation Department (MDAD or Aviation Department) update and maintain its Sanitary Sewer Master Plan and take action to meet all local, state, and federal mandates related to MIA's water and sewer system, which consists of thirty-seven (37) pump stations, one (1) booster pump station, ten (10) miles of gravity sewers ranging from 4 to 18 inches in diameter, and a force main network comprised of twenty (20) miles of pressurized pipes ranging from 4 to 20 inches in diameter.

The PSA has a maximum total contract award of \$2,205,500.00, inclusive of a 10 percent contingency of \$200,000.00 and \$5,500.00 for the Office of the Miami-Dade County Office of the Inspector General (OIG). The term of this PSA is for six (6) years with no renewal options and becomes effective upon execution of the agreement. 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 may be later.

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve a competitive award of a PSA to Hazen & Sawyer entitled: "Professional Services Agreement for Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory Compliance for Miami-Dade Aviation Department Facilities, Contract No. E23AV03" in the maximum amount of \$2,205,500.00 inclusive of a 10 percent contingency of \$200,000.00 and \$5,500.00 for the OIG.

This contract is for a six (6) year term with no renewal options.

SCOPE

The Scope of Services under this PSA that will be provided by Hazen & Sawyer for a term of six years includes but is not limited to:

- Provide necessary support to operate, maintain, monitor, and upgrade the utility infrastructure at all MDAD facilities.
- Provide necessary support to meet all regulatory compliance requirements related to the Sanitary Sewer Evaluation Study and the Peak Flow Study as required by Chapter 24 of the Miami-Dade County Code and as regulated by RER.
- Provide necessary support to comply with the reporting requirements of the Sanitary Sewer CD's Capacity, Management, Operation, and Maintenance (CMOM) Program and the Sanitary Sewer Annual reports.
- Update and maintain the Sanitary Sewer Master Plan for all MDAD facilities.
- Review and update MDAD's utility atlas, design guidelines and technical specifications.
- Review and update existing computer models and update future modeling scenarios.
- Assist with MDAD environmental and permitting issues.
- Collection and review of as-built data and field verify as-built conditions.
- At no cost to the County, provide the software, hardware, personnel, and training to utilize BIM (Building Information Modeling) methodology throughout the duration of this project. All work and development involving BIM shall comply with MDAD's BIM Standards Manual.
- Collection and review of as-built data and field verify as-built conditions.

The impact of this agenda item is countywide as it involves the County's airport system. Services will be provided to the following County airport facilities: Miami-Opa Locka Executive Airport (OPF) in District 1 represented by Chairman Oliver G. Gilbert, III; Miami International Airport (MIA) in District 6 represented by Commissioner Kevin M. Cabrera; Miami Homestead General Aviation Airport (X51) in District 9 represented by Commissioner Kionne L. McGhee; Miami Executive Airport (TMB) in District 11 represented by Commissioner Roberto J. Gonzalez; and Dade Collier Training and Transition Airport (TNT) in District 12 represented by Commissioner Juan Carlos Bermudez.

The prime and subconsultant project technical certification requirements consist of: Aviation Systems - Engineering Design - 4.01; Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems - 6.01; and Surveying and Mapping – Land Surveying - 15.01.

DELEGATED AUTHORITY

This Board authorizes the County Mayor or County Mayor's designee to exercise the provisions of the PSA, including the authority to execute Contract No. E23AV03, the authority to exercise the termination provisions, and all relevant authorities granted pursuant to Sections 2-285 and 2-285.2 of the Miami-Dade County Code.

BACKGROUND

In December 2013, Miami-Dade County entered into a Sanitary Sewer CD with the United States Department of Justice requiring the County to upgrade its wastewater system and develop programs to ensure compliance with federal and state codes. Because MIA is a Volume Sewer Customer (VSC), it is subject to the Volume Sewer Customer Ordinance requirements of the Sanitary Sewer CD that directs VSC's to abide with certain capacity, management, operation, and maintenance requirements, which in the case of MIA will be addressed by Hazen & Sawyer under the Scope of Services of this PSA as noted above.

The work authorized by this PSA will begin only after a service order is issued to Hazen & Sawyer by the Aviation Department. Work will continue based upon 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 services authorized.

The six-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 may be 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, Hazen & Sawyer is the recommended firm.

FISCAL IMPACT/FUNDING SOURCE

This PSA is valued at \$2,205,500.00 for a term of six years with no options to renew. See the table below on the next page for a breakdown and further details.

Base Contract Amount	Contingency Allowance Amount (Code Sec. 2-8.1)	Inspector General Fee (Code Section 2-1076)
\$2,000,000.00	\$200,000.00	\$5,500.00

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 2024-25, Page 186)

Funding Source(s)	Index Code	Sub-object Code	Amount	Project No. & Description	Site No.
MDAD Operating Funds	EA101		\$2,205,500.00	Adopted Budget and Multi-Year Capital Budget FY 2024-25, Volume 3 Page 186	Countywide

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 Joaquin Menendez, 305-869-1329, Jmenendez@flymia.com.

PROCUREMENT HISTORY

The Request to Advertise was filed with the Clerk of the Board on February 23, 2024. A total of three (3) proposals were received by the submittal deadline of April 8, 2024. On May 6, 2024, the County's Small Business Development (SBD) Division reviewed the proposals and deemed that two firms (Hazen & Sawyer and Woolpert, Inc.) as compliant with the 10 percent Small Business Enterprise – Architectural &

Engineering (SBE-A/E) Sub-consultant goal contract measure established for this project, and one firm (Genesis Fortune, LLC) as non-compliant. Consequently, the proposal from Genesis Fortune, LLC was not evaluated by the Competitive Selection Committee (CSC). (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 April 16, 2024, the OIG notified the CSC Coordinator that no reports or findings were located for this E23AV03 project. On January 26, 2024, the COE responded and indicated that a search of its closed complaint files for complainant and respondent data fields was performed, and none were found, which means there were no problems found with the Prime or the subconsultants that participated in the proposal.

On May 15, 2024, 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 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 number one ranked firm, Hazen & Sawyer, for negotiation of this PSA. See Table A below.

Table A.

Firm	Total Adjusted Qualitative Points	Total Adjusted Ordinal Score	Final Ranking
HAZEN & SAWYER PC	275	3	1
WOOLPERT INC.	257	6	2

The Negotiation Committee was approved by the County Mayor's designee on June 10, 2024. (See Attachment C: Negotiation Authorization, List of Respondents and Tabulation Sheets).

The Negotiation Committee negotiated with the highest ranked firm, Hazen & Sawyer, on August 16, 2024, and concluded on August 29, 2024.

VENDOR(S) RECOMMENDED FOR AWARD

The table on the next page depicts a summary of the recommended firm.

Vendor Name	Principal Address	Local Address	Number of Employee Residents*	Principal
			1) Miami-Dade County 2) Percentage (%)	
Hazen & Sawyer, PC	498 Seventh Avenue, 11 th Floor New York, NY 10018	999 Ponce de Leon Boulevard, Suite 1150, Coral Gables, FL 33314	1,968	Jayson J. Page, PE Vice President
			1) 27 2) 1.37%	

*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 Civil Works, Inc.; Delta Consultants LLC.; Geosol Inc.; and Robayna and Associates, Inc.

DUE DILIGENCE

Pursuant to R-187-12, MDAD conducted due diligence in accordance with the County's Strategic Procurement Department (SPD) Procurement Guidelines to determine vendor responsibility including verifying corporate status and that no performance or compliance issues exist. The lists referenced include Capital Improvements Information System, Small Business Development Division database, Sunbiz, Tax Collector's Office, convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and 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.

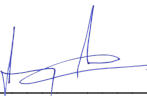
A review of the County's Capital Improvements Information System showed the recommended vendor has an average evaluation score of 3.9 out of a possible maximum score of 4.0, which is indicative of good performance. (See Attachment D: Contractor Evaluations Report).

According to the Firm History Report, as provided by SBD, Hazen & Sawyer has received five (5) contracts as a Prime Contractor within the last three years with a total value of \$46,760,000.00. Additionally, for the period 2009-2021, Hazen & Sawyer received seven (7) contracts as a Prime Contractor with a value of \$15,766,956.00, making for a grand total of \$62,526,956.00. (See Attachment E: A/E Firm History Report).

APPLICABLE ORDINANCES AND MEASURES

The table on the next page depicts various legislative policies, and whether they are applicable to this item.

Title	Legislation	Applicable (Yes or No)	Notations
In-house Capabilities	Resolution R-1204-05	No	MDAD evaluated and determined that MDAD does not have the in-house capabilities to perform the sanitary sewer system master planning, modeling, and regulatory compliance services due to the subject matter expertise, computer modeling and workforce size required for the 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	10 percent SBE-A/E Goal
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	The applicability of this Ordinance will be reviewed and determined at the time a service order is issued.
Sustainable Buildings Program	Implementing Order (I.O.) No. 8-8	No	The scope of the project is limited to a study and will not result in the construction of a public project as defined in I.O. 8-8.
Art in Public Places	Code Section 2-11.15	No	
Office of Inspector General Fee	Code Section 2-1076	Yes	


Jimmy Morales
Chief Operating Officer

Signature Page
Contract No: E23AV03
to Hazen & Sawyer, PC

**BUDGET
APPROVAL
FUNDS
AVAILABLE:**



OFFICE OF MANAGEMENT DATE
AND BUDGET (OMB)
DIRECTOR NM

**APPROVED AS
TO LEGAL
SUFFICIENCY:**



COUNTY ATTORNEY

Sept. 27, 2024

DATE

COUNTY MAYOR OR
DESIGNEE

DATE

CLERK
DATE

DATE

Attachment A

Adopted Budget and Multi-Year
Capital Plan FY 2024-2025, Page 186

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

OPERATING FINANCIAL SUMMARY

(dollars in thousands)	Actual FY 21-22	Actual FY 22-23	Budget FY 23-24	Proposed FY 24-25
Revenue Summary				
Aviation Fees and Charges	435,002	432,323	398,104	434,900
Carryover	113,623	110,740	97,501	110,804
Commercial Operations	266,574	307,738	298,973	327,141
Non-Operating Revenue	47,572	79,828	83,695	63,308
Other Revenues	19,008	125,390	71,978	27,619
Rental Income	182,802	186,282	190,584	203,850
Total Revenues	1,064,581	1,242,301	1,140,835	1,167,622
Operating Expenditures Summary				
Salary	115,305	117,353	130,517	143,852
Fringe Benefits	41,717	47,342	55,033	64,341
Court Costs	4	0	0	100
Contractual Services	131,239	144,297	187,741	226,388
Other Operating	114,978	126,434	146,940	158,736
Charges for County Services	110,019	110,968	126,953	138,521
Capital	1,062	1,469	4,606	4,818
Total Operating Expenditures	514,324	547,863	651,790	736,756
Non-Operating Expenditures Summary				
Transfers	439,510	590,773	378,241	305,617
Distribution of Funds In Trust	0	0	0	0
Debt Service	0	0	0	0
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	103,667	110,804	125,249
Total Non-Operating Expenditures	439,510	694,440	489,045	430,866

(dollars in thousands)	Total Funding		Total Positions	
Expenditure By Program	Budget FY 23-24	Proposed FY 24-25	Budget FY 23-24	Proposed FY 24-25
Strategic Area: Economic Development				
Executive	12,233	7,751	35	25
Administration	73,093	82,230	167	171
Business Retention and Development	11,436	12,303	62	61
Commercial Operations	44,952	49,823	0	0
Facilities Development	24,455	28,868	63	75
Facilities Management	216,660	261,864	460	491
Finance and Strategy	16,015	12,534	76	65
Operations	54,658	64,946	450	533
Policy Advisement	6,077	5,347	24	17
Public Safety and Security	118,015	125,067	170	194
Non-Departmental	69,699	73,713	0	0
Policy and External Affairs	4,497	3,709	27	22
Digital Strategy and Innovation	0	5,906	0	19
Strategic Marketing and Communications	0	2,695	0	14
Total Operating Expenditures	651,790	736,756	1,534	1,687

Attachment B

SBD Project Worksheet and Compliance Review



Small Business Development Division

Project Worksheet

Project/Contract Title: Sanitary Sewer

Received Date: 8/14/2023

Project/Contract No: E23AV03

Funding Source: MDAD Operating Budget

Department: Aviation

Estimated Cost of Project/Bid: \$2,205,500.00

Description of Project/Bid: The project will consist of complying with the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities. The service will include collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, update the future modeling scenarios, update the master plan document, review, and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues.

Miami International Airport's wastewater collection and transmission system services the passenger terminals, cargo, and ancillary facilities. The system consists of thirty-seven (37) pump stations throughout the airport and one (1) booster pump station. The collection system consists of over ten (10) miles of gravity sewers ranging from 4 to 18 inches in diameter and the force main network includes over twenty (20) miles of pressurized pipes ranging from 4 to 20 inches in diameter.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	SBE-A&E	10.00%
Reasons for Recommendation		
SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE/A&E)		
SBD reviewed this project pursuant to Implementing Order 3-32 for SBE-A&E measures. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications and funding source. Additional factors were not conducted with certified firms to determine availability an assignment of the noted measure. An analysis of the factors contained in implementing Order 3-32 indicates a 10% SBE-A&E Sub-consultant goal is appropriate for TCC 15.01 - Surveying and Mapping - Land Surveying.		
Total Project Cost: \$2,205,500.00		
This project is exempt from Responsible Wages due to it being an SBE-A&E.		
MDC-TCC 04-01 ENGINEERING DESIGN, MDC-TCC 06-01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION, MDC-TCC 15-01 Surveying and Mapping - Land Surveying		
Small Business Contract Measure Recommendation		
Subtrade	Category	
Surveying and Mapping	SBE-A&E	

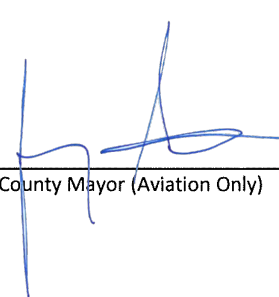
Living Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Building: YES ☐ NO ☒


County Mayor (Aviation Only)

8/24/23

Date

Memorandum



DATE: May 6, 2024

TO: Namita Uppal, Director
Strategic Procurement Department

FROM: Gary Hartfield, Director
Office of Small Business Development

SUBJECT: Compliance Review
Project No. E23AV03
Sanitary Sewer Collection and Transmission Systems Master Plan and
Regulatory Compliance for MDAD Facilities

A handwritten signature in blue ink, appearing to be "G. Hartfield", written over a light blue rectangular background.

The Office of Small Business Development (SBD) has completed its review of the subject project for compliance with the Small Business Enterprise-Architectural and Engineering (SBE-A&E) Program. The contract measure established for this project is a 10% SBE-A&E sub-consultant goal.

The Strategic Procurement Department submitted proposal documents that include the Certificate of Assurance for the firms listed below acknowledging the project's SBE-A&E measure. Each firm also submitted their Utilization Plan (UP) identifying the SBE sub-consultant(s) to fulfill the goal via the Business Management Workforce System (BMWS) and the following is their pre-award compliance status/summary.

FIRM:

1. Hazen And Sawyer PC
2. Woolpert, Inc.

STATUS:

Compliant
Compliant

SUMMARY:

Hazen And Sawyer PC (#1), a non-certified firm, committed to utilize Delta Consultants LLC, a certified SBE-A&E firm, to provide Architectural Finishes at 4.50%; Geosol Inc., a certified SBE-A&E firm, to provide Geotechnical Studies at 0.50%; and Robayna and Associates, Inc., a certified SBE-A&E firm, to provide Surveying & Mapping Services at 5.00% for a total of 10.00% SBE participation. The SBE-A&E sub-consultants confirmed their participation via BMWS in agreement with the measure.

Hazen And Sawyer PC has satisfied the contract's 10.00% SBE-A&E sub-consultant goal and is in compliance with the overall measure established for this contract.

Woolpert, Inc. (#2), a non-certified firm, committed to utilize BND Engineers, Inc., a certified SBE-A&E firm, to provide Sanitary Sewer Master Planning and related services at 40.00% for a total of 40.00% SBE participation. The SBE-A&E sub-consultant confirmed its participation via BMWS in agreement with the measure.

Woolpert, Inc. has satisfied the contract's 10.00% SBE-A&E sub-consultant goal and is in compliance with the overall measure established for this contract.

SBD has verified that none of the aforementioned firms is listed on *The Compliance Report of Open and Closed Small Business, Wage and/or Workforce Violation* in the last three (3) years with a closed violation.

Please be reminded that SBD's review is specific to the SBE-A&E Program. The Strategic Procurement Department is responsible for any other issues that may exist. Should you have any questions or need any additional information, please do not hesitate to call Gayna McDonald, Compliance Officer 2, at (305) 375-3135.

C: Laurie Johnson, SBD
Andre T. Ragin, MDAD

Attachment C

Negotiation Authorization, List of
Respondents and Tabulation Sheets

Memorandum



Date: May 31, 2024

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

Through: Jessica Tyrrell, MBA, CPPB *jlt*
Division Director, Acquisition & Sourcing
Strategic Procurement Department

From: Julie Whiteside, *ju*
Competitive Selection Committee Coordinator

Subject: Report Of Competitive Selection Committee
Miami-Dade County Aviation Department (MDAD)
Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory
Compliance for MDAD Facilities
SPD Project No. E23AV03

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.

Scope of Services Summary: The project will consist of complying with the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the Sanitary Sewer Master Plan for MDAD Facilities. The service will include collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, update the future modeling scenarios, update the master plan document, review, and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues.

Preferred Experience and Qualifications: It is preferred that the Prime and/or sub-consultants have a cumulative ten (10) years of experience from the submittal date, in developing and maintaining sanitary sewer collection and transmission master plans and associated computer modeling (Sewer CAD preferred) in airport and municipal sanitary sewer systems of equal size and complexity as that of Miami International Airport (MIA).

Contract Terms: The County intends to retain one (1) qualified consultant/team for one (1) non-exclusive Professional Services Agreement with an effective term of six (6) years.

Participation Restrictions: The Prime awarded the Bond Engineering Consulting Services PSA under ISD Project No. E20-MDAD-01, HNTB Corporation and its subconsultants Ambro, Inc, Goal Associates, Inc, Glass Land Acquisition Service Specialist and PDBM Consulting LLP will not be eligible to render services under the PSA recommended for award, under this solicitation.

Small Business Enterprise Goal: On August 24, 2023, the Office of Small Business Development (SBD) established a 10% Small Business Enterprise – Architectural and Engineering goal for this project.

Advertisement Date: February 23, 2024

Number of Proposals Received: Three (3) proposals were received by the submittal deadline of April 8, 2024.

Name of Proposers: Please refer to the attached List of Respondents.

Strategic Procurement Department Compliance Review: The proposals submitted by Genesis Fortune, LLC did not meet the prequalification/technical certification requirements pursuant to the NTPC and were deemed non-compliant. Consequently, the proposal from Genesis Fortune, LLC was not evaluated by the Competitive Selection Committee.

Small Business Enterprise Compliance Review: All SPD compliant proposals were submitted to SBD for review on April 11, 2024 and were deemed in compliance. Please refer to the attached Compliance Review Memorandum dated May 6, 2024.

Office of the Commission Auditor (OCA) Background Checks: SPD submitted Committee member's completed Neutrality Affidavits and resumes to OCA on April 16, 2024. A response was received on April 19, 2024. 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 April 26, 2024.

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 April 11, 2024. A response was received on April 16, 2024, advising that no reports were located.

SPD submitted a request to COE on April 11, 2024. A response was received on April 19, 2024, advising that no reports were located.

Selection Process: The Architectural and Engineering professional services solicitation process is a two-tiered selection process; First Tier is the Evaluation of Experience and Qualifications, and Second Tier is the Oral Presentations. The First Tier is the evaluation of the firms' current statements of experience, qualifications, and performance data. The Second Tier is the evaluation of the shortlisted firms' knowledge of project scope, qualifications of team members assigned to the project, and ability to provide the required services within schedule and budget, as demonstrated through 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 May 15, 2024. 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. 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.

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 April 11, 2024; 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 No. 3-34:

Employee's Name	Employee's Department
Jacqueline Powell	MDAD
Miguel Riera	MDAD
Rena Chen	WASD
Bernardo Bieler	RER
Hossin Habibnejad	DTPW

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4(6) of the Code of Miami-Dade County, the Strategic Procurement Department hereby requests that the County Mayor or County Mayor's designee approve the following Negotiation Committee:

Julie Whiteside, Procurement Contracting Officer 3, SPD, will be the Negotiation Committee Coordinator.

Negotiation Committee:

Miguel Riera, Engineer 3, MDAD
Jacqueline Powell, Aviation Fueling Systems Supervisor, MDAD
Bernardo Bieler, Chief, RER Division, RER

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 firm for the purpose of negotiating one (1) non-exclusive Professional Services Agreement for this solicitation, in accordance with the Competitive Selection Committee's recommendation:

RANKING OF RESPONDENTS

Hazen and Sawyer PC

Final Ranking – 1
Total Adjusted Ordinal Score – 3
Total Adjusted Qualitative Points – 275

The following firm will serve as an alternate:

Woolpert Inc.

Final Ranking – 2
Total Adjusted Ordinal Score – 6
Total Adjusted Qualitative Points – 257

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 Competitive Selection Committee'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 Competitive Selection Committee's recommendation.

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

If a satisfactory agreement 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 contract and report should be sent to the Strategic Procurement Department, Architectural and Engineering Unit.

Approved:

Namita Uppal
Director and Chief Procurement Officer

Date

Attachments:

1. List of Respondents
2. SBE Compliance Review
3. First Tier Tabulation Sheet

c: Competitive Selection Committee
Clerk of the Board of County Commissioners



MIAMI DADE COUNTY
STRATEGIC PROCUREMENT DEPARTMENT

LIST OF RESPONDENTS

Project Name: Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory Compliance for MDAD Facilities

Project No.: E23AV03

Measures: 10% SBE - A/E

No. of Agreements: 1

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 04/08/2024

Team No.: 1

Prime Local Preference: Yes

Prime Name: HAZEN AND SAWYER PC

FEIN No.: 132904652

Trade Name: HAZEN AND SAWYER

Sub-Consultants Name

Trade Name

Subs FEIN No.

- a. CIVIL WORKS INC
- b. Delta Consultants LLC
- c. GEOSOL INC
- d. ROBAYNA AND ASSOCIATES INC

650673629
371999359
650997886
592119073

Team No.: 2

Prime Local Preference: Yes

Prime Name: WOOLPERT INC

FEIN No.: 201391406

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

- a. BND ENGINEERS INC
- b. BERMELLO, AJAMIL & PARTNERS, LLC

650421519
591722486

Team No.: 3

Prime Local Preference:

Prime Name: GENESIS FORTUNE, LLC

FEIN No.: 822659808

Trade Name:

FIRST - TIER MEETING MAY 15, 2024										COMPETITIVE SELECTION COMMITTEE																															
MIAMI-DADE COUNTY AVIATION DEPARTMENT SANITARY SEWER COLLECTION AND TRANSMISSION SYSTEMS MASTER PLAN AND REGULATORY COMPLIANCE FOR MDAD FACILITIES										Jacqueline Powell, MDAD				Miguel Riera, MDAD				Rena Chen, WASD				Bernardo Bieler, RER				Hossin Habibnejad, DTPW															
TABULATION SHEET SPD PROJECT NO. E23AV03										SUB-TOTAL				Average				TOTAL & ADJ. QUALITATIVE SCORE				TOTAL ADJ. ORDINAL SCORES				ORDINAL RANKING				FINAL RANK											
NAME OF FIRM(S)																																									
1 HAZEN AND SAWYER (LOCAL)																																									
1A - Qualification of firms including team members associated to the project (Max. 50 points)										45				48				49				48				35				225				45							
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)										18				19				20				20				15				92				18							
3A - Past Performance of the Firms (Max. 20 points)										18				18				18				19				15				88				18							
4A - Amount of Work Awarded and Paid by the County (Max. 5 points)										3				1				3				3				4				14				3							
5A - Ability of team members to interface with the County (Max 5 points)										5				5				5				5				3				23				5							
										89				91				95				95				72								442							
Ordinal Scores										1				1				1				1				1															
Dropped Ordinal Scores										1				1																											
Dropped Qualitative Scores																						95				72								275							
Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A. Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A																																									
2 WOOLPERT INC (LOCAL)																																									
1A - Qualification of firms including team members associated to the project (Max. 50 points)										39				44				45				47				30				205				41							
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)										16				16				18				16				15				81				16							
3A - Past Performance of the Firms (Max. 20 points)										15				18				16				18				15				82				16							
4A - Amount of Work Awarded and Paid by the County (Max. 5 points)										5				5				5				5				3				23				5							
5A - Ability of team members to interface with the County (Max 5 points)										5				5				5				5				3				23				5							
										80				88				89				91				66								414							
Ordinal Scores										2				2				2				2				2															
Dropped Ordinal Scores										2				2																											
Dropped Qualitative Scores																						91				66								257							

FIRST - TIER MEETING MAY 15, 2024		MIAMI-DADE COUNTY AVIATION DEPARTMENT SANITARY SEWER COLLECTION AND TRANSMISSION SYSTEMS MASTER PLAN AND REGULATORY COMPLIANCE FOR MDAD FACILITIES									
TABULATION SHEET SPD PROJECT NO. E23AV03		COMPETITIVE SELECTION COMMITTEE					SUB-TOTAL				
Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A. Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A		Jacqueline Powell, MDAD					Average				
		Miguel Riera, MDAD					TOTAL & ADJ. QUALITATIVE SCORE				
		Rena Chen, WASD					TOTAL ADJ. ORDINAL SCORES				
		Bernardo Bieler, RER					ORDINAL RANKING				
		Hossin Habibnejad, DTPW					FINAL RANK				

FIRST - TIER MEETING MAY 15, 2024		MIAMI-DADE COUNTY AVIATION DEPARTMENT SANITARY SEWER COLLECTION AND TRANSMISSION SYSTEMS MASTER PLAN AND REGULATORY COMPLIANCE FOR MDAD FACILITIES				
TABULATION SHEET SPD PROJECT NO. E23AV03		Jacqueline Powell, MDAD	Miguel Riera, MDAD	Rena Chen, WASD	Bernardo Bieler, RER	Hossin Habibnejad, DTPW
		SUB-TOTAL				
		Average				
		TOTAL & ADJ. QUALITATIVE SCORE				
		TOTAL ADJ. ORDINAL SCORES				
		ORDINAL RANKING				
		FINAL RANK				
3	GENESIS FORTUNE, LLC - ELIMINATED					

Julie Whiteside, Chairperson

Attachment D

Contractor Evaluations Report

Evaluation Date Start: End: 

Capital Improvements Information System

Contractor Evaluations Report (All Contracts)

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
AV	E08-MDAD-05C	PSA	HAZEN AND SAWYER PC	7/30/2014	Ralph Cutie	Completion of study or design	4.0
AV	E15-MDAD-02	PSA	HAZEN AND SAWYER PC	8/18/2023	Joaquin Menendez	Interim	4.0
AV	E15-MDAD-02	PSA	HAZEN AND SAWYER PC	8/22/2023	Joaquin Menendez	Completion of study or design	4.0
AV	E15-MDAD-02	PSA	HAZEN AND SAWYER PC	8/22/2023	Joaquin Menendez	Completion of study or design	4.0
AV	E15-MDAD-02	PSA	HAZEN AND SAWYER PC	8/22/2023	Joaquin Menendez	Interim	4.0
PE	EDP-PE-S-PERD2016-1	EDP	HAZEN AND SAWYER, P.C.	8/20/2018	Katherine Hagemann	Project conclusion or closeout	3.7
PR	EDP-PR-99999901	EDP	HAZEN AND SAWYER PC	9/28/2021	ROBERTO RODRIGUEZ	Project conclusion or closeout	3.7
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	3/1/2022	DEBORA GRINER	Project conclusion or closeout	3.8
WS	EDP-WS-SR-379	EDP	HAZEN AND SAWYER PC	11/10/2022	Rena Chen	Completion of study or design	4.0
WS	E19-WASD-03 WO: 001	PSA	HAZEN AND SAWYER PC	11/23/2022	VICTOR DELGADO	Completion of study or design	3.9
WS	E14-WASD-03 WO: 029	PSA	HAZEN AND SAWYER PC	1/4/2023	JOSE VIZOSO	Completion of study or design	3.9
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	9/5/2018	Juan Pelay	Project conclusion or closeout	3.8
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	9/5/2018	Juan Pelay	Project conclusion or closeout	3.8
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	8/20/2021	ANDY TOLEDO	Project conclusion or closeout	3.8
WS	E14-WASD-03 WO: 27	PSA	HAZEN AND SAWYER PC	9/18/2023	Virginia Walsh	Project conclusion or closeout	4.0
WS	E14-WASD-03 WO: 31	PSA	HAZEN AND SAWYER PC	12/4/2023	Huren An (Jeff)	Completion of study or design	3.8
WS	E14-WASD-03 WO: 32	PSA	HAZEN AND SAWYER PC	4/3/2024	DANIEL LIZARAZO	Completion of study or design	3.0
WS	E14-WASD-03 WO: 30	PSA	HAZEN AND SAWYER PC	8/19/2024	Heidy Amigot	Interim	3.9
WS	E14-WASD-03 WO: 33	PSA	HAZEN AND SAWYER PC	8/19/2024	Heidy Amigot	Interim	4.0
WS	E03-WASD-01	PSA	HAZEN AND SAWYER PC	8/5/2014	Mario Garcia	Interim	4.0
WS	E03-WASD-01 WO: 18	PSA	HAZEN AND SAWYER PC	10/13/2014	James Ferguson	Project conclusion or closeout	4.0
WS	E02-WASD-03	PSA	HAZEN AND SAWYER PC	4/17/2015	Lourdes Delgado	Project conclusion or closeout	4.0
WS	EDP-WS-SR-211	EDP	HAZEN AND SAWYER, P.C.	4/20/2015	Peter M Jelonek	Interim	4.0
WS	E05-WASD-11 WO: Task 01	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	3.9
WS	E05-WASD-11 WO: 6	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	4.0
WS	E05-WASD-11 WO: 08	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	3.9
WS	E05-WASD-11 WO: 6	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	4.0
WS	E03-WASD-01 WO: 20	PSA	HAZEN AND SAWYER PC	8/7/2015	Mario Garcia	Project conclusion or closeout	4.0
WS	E14-WASD-03 WO: 2	PSA	HAZEN AND SAWYER PC	6/14/2017	Natalia Ojeda	Project conclusion or closeout	4.0
WS	E05-WASD-11 WO: Task 02	PSA	HAZEN AND SAWYER PC	2/28/2008	Daniel Edwards	Interim	4.0
WS	E05-WASD-11	PSA	HAZEN AND SAWYER PC	2/29/2008	Daniel Edwards	Interim	3.9
WS	E03-WASD-01 WO: Task 15	PSA	HAZEN AND SAWYER PC	7/24/2008	James Ferguson	Completion of study or design	4.0
WS	E03-WASD-01 WO: Task 10	PSA	HAZEN AND SAWYER PC	7/24/2008	James Ferguson	Completion of study or design	3.9
WS	E05-WASD-11 WO: 05	PSA	HAZEN AND SAWYER PC	9/2/2008	Daniel Edwards	Completion of study or design	4.0
WS	E03-WASD-01 WO: 17	PSA	HAZEN AND SAWYER PC	9/11/2009	John W. Chorlog, Jr.	Project conclusion or closeout	3.8
WS	E05-WASD-11 WO: 07	PSA	HAZEN AND SAWYER PC	12/27/2010	Daniel Edwards	Completion of study or design	3.9
WS	E01-WASD-05 Project 3, EP 1 WO: 19	PSA	HAZEN AND SAWYER PC	9/29/2011	Humberto Codispoti	Completion of study or design	4.0

WS	<u>E03-WASD-01</u> WO: Task 14	PSA	<u>HAZEN AND SAWYER PC</u>	8/31/2012	James Ferguson	Completion of study or design	<u>3.7</u>
WS	<u>E01-WASD-05</u> , <u>Project 3, EP 1</u> WO: Task 11	PSA	<u>HAZEN AND SAWYER PC</u>	2/28/2013	Richard Coates, P.E.	Completion of study or design	<u>3.9</u>
WS	<u>E01-WASD-05</u> , <u>Project 3, EP 1</u> WO: 20	PSA	<u>HAZEN AND SAWYER PC</u>	2/28/2013	Richard Coates, P.E.	Completion of study or design	<u>3.9</u>
WS	<u>E03-WASD-01</u>	PSA	<u>HAZEN AND SAWYER PC</u>	1/8/2014	Mario Garcia	Interim	<u>3.8</u>
WS	<u>E03-WASD-01</u>	PSA	<u>HAZEN AND SAWYER PC</u>	1/29/2014	Mario Garcia	Interim	<u>4.0</u>

Evaluation Count: 42 Contractors: 1 Average for all Evaluations: 3.9 Average for Completion Evaluations: 3.9

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					

Hazen and Sawyer, P.C.

System Vendor Number: **20128873**[Mark As Favorite](#)[View Summary](#)[Refresh Table](#) [Reset Filters](#) [Download](#)To **resort** click on column title. To **filter** click on the drop down menu.

Assignment Type	Status	Contract Number & Title	Prime Contractor	Assigned Contacts	Dates	Current Value	Paid To Date
Prime ▼	All ▼	All ▼		All ▼			
Prime	Open	C20HASPC002: Non-Exclusive PSA Agreement for Design and Engineering Services for the Electrical Distribution Building and its Appurtenant Facilities at the North District Wastewater Treatment Plant (NDWWTP) E19-WASD-03		Sarah Langevin	10/1/2021 - 2/23/2026	\$10,560,000	\$5,055,528
Prime	Open	C21HASPC003: Non-Exclusive Professional Services Agreement (E20-WASD-08)		Sarah Langevin	7/7/2022 - 7/7/2027	\$13,200,000	\$1,400,442
Prime	Open	C23HASPC004: TBD		CHIRIBOGA FERNANDO B	6/21/2024 - 6/21/2029	\$6,000,000	\$0
Prime	Open	C23HASPC005: Engineering Design Services for Proposed Upgrades to Miami Dade County's Wastewater Treatment Plants and Appurtenant Facilities (E23WS05)		CHIRIBOGA FERNANDO B	3/26/2024 - 3/26/2030	\$16,500,000	\$0
Prime	Closed	E08-MDAD-05C: NF-UTILITIES MASTER PLAN (SIC 871)		Christopher Kish	6/30/2009 - 7/20/2014	\$1,728,750	\$625,475
Prime	Open	E14-WASD-03: NF-PROFESSIONAL ENGINEERING SERVICES RELATING TO THE OPERATION AND MAINTENANCE OF THE WATER AND		Sarah Langevin	7/14/2015 - 5/30/2020	\$11,000,000	\$3,759,274

		SEWER DEPARTMENT'S WATER SYSTEM (C- 14HASPC001HANDS)				
Prime	Closed	E15-MDAD-02: NF- UTILITIES MASTER PLAN (SANITARY SEWER)	Sarah Langevin	3/8/2016 - 3/7/2022	\$2,288,206	\$1,217,960
Prime	Open	EDP-PE-DE-48WM: System-Wide Stormwater Quality Updates	JAYSON J. PAGE	4/23/2020 - 4/23/2025	\$200,000	\$0
Prime	Closed	EDP-PE-S-PERD2016- 1: NF-SEA LEVEL RISE - RAPID ACTION PLAN	James Cowgill	11/8/2016 - 12/31/2019	\$200,000	\$199,500
Prime	Open	EDP-PR-99999901: Sea Level Rise Mitigation Feasibility Study Fairchild Tropical Botanic Garden & Lakes By the Bay Pk	JAYSON J. PAGE	3/25/2020 - 3/25/2025	\$150,000	\$31,226
Prime	Closed	EDP-WS-SR-211: NW WELLFIELD WATER TREATMENT PLANT EVALUATION	James Cowgill	10/9/2014 - 12/31/2019	\$200,000	\$195,560
Prime	Open	EDP-WS-SR-379: Process and Hydraulic Modeling, Capacity Analysis and Maintenance of Plant Operations Support Services	JAYSON J. PAGE	6/2/2021 - 6/2/2026	\$500,000	\$0

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MEMORANDUM

(Revised)

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

DATE: December 3, 2024

FROM: 
Glen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(A)(3)

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
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) ____) 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)(3)
12-3-24

RESOLUTION NO. R-1062-24

RESOLUTION APPROVING PROFESSIONAL SERVICES AGREEMENT BETWEEN MIAMI-DADE COUNTY AND HAZEN AND SAWYER, PC FOR THE PROVISION OF PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES TO THE MIAMI-DADE AVIATION DEPARTMENT TO ENSURE COMPLIANCE WITH A FEDERALLY AND STATE MANDATED SANITARY SEWER CONSENT DECREE, CONTRACT NO. E23AV03, IN AN AMOUNT NOT TO EXCEED \$2,205,500.00 FOR A TERM OF SIX YEARS AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE AGREEMENT AND TO EXERCISE THE TERMINATION AND OTHER PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying 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 Hazen and Sawyer, PC, for the provision of professional architectural and engineering services to the Miami-Dade Aviation Department to ensure compliance with a federally and state mandated Sanitary Sewer Consent Decree, Contract No. E23AV03, in an amount not to exceed \$2,205,500.00 for a term of six years, in substantially the form attached hereto and made a part hereof.

Section 2. Authorizes the County Mayor or County Mayor's designee to exercise all the provisions contained in the PSA including the authority to execute the PSA and to exercise the

termination provisions, as well as all relevant authorities granted the County Mayor or County Mayor's designee pursuant to sections 2-285 and 2-285.2 of the Miami-Dade County Code, including the authority to execute the PSA.

The foregoing resolution was offered by Commissioner **Oliver G. Gilbert, III** , who moved its adoption. The motion was seconded by Commissioner **Juan Carlos Bermudez** and upon being put to a vote, the vote was as follows:

Anthony Rodríguez, Chairman		aye	
Kionne L. McGhee, Vice Chairman		aye	
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Kevin Marino Cabrera	aye	Sen. René García	absent
Oliver G. Gilbert, III	aye	Roberto J. Gonzalez	aye
Keon Hardemon	absent	Danielle Cohen Higgins	aye
Eileen Higgins	aye	Raquel A. Regalado	aye
Micky Steinberg	aye		

The Chairperson thereupon declared this resolution duly passed and adopted this 3rd day of December, 2024. 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.

Angela F. Benjamin

**NON-EXCLUSIVE PROFESSIONAL SERVICES
AGREEMENT FOR
SANITARY SEWER COLLECTION AND TRANSMISSION
SYSTEMS MASTER PLAN AND REGULATORY
COMPLIANCE FOR MDAD FACILITIES FOR MIAMI-
DADE AVIATION DEPARTMENT
CONTRACT NO. E23AV03**

This AGREEMENT made as of the _____ day of _____ in the year 2024, 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:** **Hazen & Sawyer
999 Ponce De Leon Blvd. Suite 1150
Miami , Florida 33134**

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

For the Project: The project is to provide Architectural and Engineering Professional Services for **Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory Compliance for MDAD Facilities**

Participation Restrictions: The Prime awarded the Bond Engineering Consulting Services PSA under ISD Project No. E20-MDAD-01, HNTB Corporation and its subconsultants will not be eligible to render services under the PSA recommended for award, under this solicitation.

The Owner and CONSULTANT agree as set forth herein:

**NON-EXCLUSIVE
PROFESSIONAL SERVICES AGREEMENT**

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<u>EXHIBIT 3</u>	<u>CRITICAL PERSONNEL</u>	
<u>EXHIBIT 4</u>	<u>CERTIFICATE OF ASSURANCE, WORKSHEET, EXECUTED SBE UTILIZATION FORM/LETTER OF INTENT, EXECUTED CONTRACT PARTICIPATION FORM, AND CONSULTANT AND SUBCONSULTANT INFORMATION</u>	
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<u>AFFIDAVITS</u>		
<u>CERTIFICATE OF INSURANCE</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 Basic 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 BASIC SERVICES: Those services that the CONSULTANT shall perform in accordance with the terms of the Agreement as directed and authorized by a Service Order(s). Any Services not specifically addressed as Additional Services, Work Site Services, or Dedicated Services are considered Basic Services.
- 1.8 BASIC SERVICES FEE: The compensation paid to the CONSULTANT for the Basic Services performed under this Agreement.
- 1.9 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.
- 1.10 CHANGE ORDER: A written agreement executed by the Owner, the CONSULTANT and the CONSULTANT's Surety, covering modifications to the Contract.
- 1.11 CONSTRUCTABILITY: The optimum use of construction knowledge and experience in planning, design, procurement, and field operations to achieve overall Project objectives.
- 1.12 CONSTRUCTION COST: Actual cost of the Work established in the Contract Documents and as they may be amended from time to time.
- 1.13 CONSULTANT: The named entity on page 1 of this Agreement.
- 1.14 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.
- 1.15 CONSULTANT: The firm, company, corporation or joint venture contracting with the Owner for performance of Work covered in the Contract Documents.

- 1.16 DAYS: Reference made to Days shall mean consecutive calendar days unless otherwise indicated.
- 1.17 DEDICATED SERVICES: Services performed pursuant to a Dedicated Allowance Account(s) that are beyond the requirements for Basic Services and Additional Services under this Agreement and shall be performed as required upon receipt of a Service Order. Such Services, if any, are specified in the Special Provisions.
- 1.18 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.
- 1.19 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.
- 1.20 DEPARTMENT: Miami-Dade Aviation Department (“MDAD”) is a department of Miami-Dade County and represented by and acting through their designee(s).
- 1.21 DESIGN DELIVERABLES: Deliverables to be presented and Services to be performed by the CONSULTANT at various Phases of design. The design deliverables are to comply with the requirements of the Deliverables Requirements Manual and/or Service Order.
- 1.22 DESIGN DEVELOPMENT: That portion of the Services comprising Phase 2 of the Basic Services which the CONSULTANT shall perform in accordance with the terms of this Agreement when directed and authorized by Service Order.
- 1.23 DESIGN GUIDELINES MANUAL: A manual provided by the Owner which comprises design standards and guidelines for use by the CONSULTANT and other Design Professionals as provided by Service Order. It is made a part of this Agreement by reference.
- 1.24 DESIGN SCHEDULE AND COST MANAGEMENT PLAN (DSCMP): A progress schedule and earned value measurement plan for the Design Deliverables that will be developed by the CONSULTANT and approved by the Owner in accordance with the Project and Phase schedule provided by the Owner. The DSCMP shall meet all Project and Phase milestones in the Owner provided schedule and shall be approved by the Owner. The Design Schedule and Cost Management Plan (DSCMP) earned value procedures are based upon the Owner agreed weighted percentage values of the deliverables. The CONSULTANT shall provide a detailed breakdown of the DSCMP per discipline at the request of the Owner.

- 1.25 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.
- 1.26 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.
- 1.27 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.
- 1.28 FEDERAL AVIATION ADMINISTRATION: Transportation Department agency charged with the administration and enforcement of civil aviation standards and regulations.
- 1.29 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.
- 1.30 FIXED LUMP SUM: A basis for compensation of the CONSULTANT for Services performed.
- 1.31 GREEN BUILDING CERTIFICATION INSTITUTE (GBCI): The designated organization responsible for administering the LEED certification program.
- 1.32 LEED (Leadership in Energy and Environmental Design): The United States Green Building Council (USGBC) created LEED as a rating system for green building practices.
- 1.33 LEED AP: A person(s) that is an employee of the CONSULTANT or is a SUBCONSULTANT to the CONSULTANT that is certified by the GBCI or successor entity in the specialty specified in the Request for Qualifications/Proposals for this Project. The LEED AP shall (1) prepare the Project LEED registration, application and certification process; (2) coordinate and otherwise guide the CONSULTANT in the design of the Project in order to achieve the points needed for the desired LEED certification; and (3) monitor the CONSULTANT for the documentation required to meet the CONSULTANT's obligations to achieve the LEED credit points stipulated in the Contract Documents.

- 1.34 LEED CERTIFICATION DOCUMENTS: Reports, documents or other data required to apply for and obtain the desired LEED certification prepared by the CONSULTANT and approved by the Owner.
- 1.35 LEED CERTIFICATION PLAN: Plan developed by the LEED AP to develop and monitor the documentation required during design and construction for the LEED certification application process.
- 1.36 LEED STATUS REPORT: A periodic report produced by the LEED AP to inform the Owner and other stakeholders in the Project on the status of the design and construction relative to earning LEED credit points for the Project.
- 1.37 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.
- 1.38 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).
- 1.39 MULTIPLE OF DIRECT SALARIES: A basis for compensation of the CONSULTANT for Services performed.
- 1.40 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.
- 1.41 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.
- 1.42 PERIOD OF WORK-RELATED SERVICES: Services beginning on the date established in the Notice to Proceed for commencement of the Work through the time allowed for substantial completion of the Work contained in the Contract Documents.
- 1.43 PHASE: The portion of the Basic Services that shall be accomplished by the CONSULTANT for each of the Project's Elements or, to the extent authorized by Service Order a portion or combination thereof as described in the article "Basic Services" herein:

Phase 1A	-	Program Verification
Phase 1B	-	Schematic Design
Phase 2	-	Design Development
Phase 3A	-	30% Contract Documents
Phase 3B	-	75% Contract Documents

Phase 3C	-	100% Contract Documents
Phase 3D	-	Bid Documents
Phase 4	-	Bidding & Award of Contract
Phase 5	-	Work Related Services

- 1.44 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.
- 1.45 PROBABLE CONSTRUCTION COST: The latest approved written estimate of Construction Cost escalated to the midpoint of construction broken down by the Division format developed by the Construction Specification Institute (CSI) or unit price bid items, including construction allowance contingencies, submitted to the Owner, in a format provided by the Owner, in fulfillment of the requirement(s) of this Agreement.
- 1.46 PROFESSIONAL CONSTRUCTION ESTIMATOR: A certified individual construction estimator with one of the following certification(s) from the American Society of Professional Estimators: Certified Professional Estimator (CPE) or Associate Estimator Professional (APE) or equivalent, who is affiliated with a professional firm, company, joint venture, or corporation working for the CONSULTANT to provide and analyze cost estimates of the Project and individual Project Elements or parts thereof in order to determine the Probable Construction Cost at each Phase of the Basic Services requiring the submittal of a Probable Construction Cost.
- 1.47 PROGRAM: The initial description of a Project that comprises line drawings, narrative, cost estimates, Project Budget, etc., provided by the Owner in the form of a project definition book or any other document(s) describing the Program and furnished to the CONSULTANT.
- 1.48 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).
- 1.49 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.
- 1.50 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.
- 1.51 PROJECT MANAGER (PM): Individual designated by the Director to represent the Owner during the design and construction of the Project.
- 1.52 PROLONGED PERIOD OF WORK RELATED SERVICES: The period from the original contracted completion date of the construction, based on the original days for

completion of the work specified in the Contract Documents and as measured from Notice to Proceed to the CONSULTANT to the date of official acceptance by the Owner of the Contract Completion Notification furnished by the CONSULTANT, if such acceptance occurs beyond the period specified in the Contract Documents as measured from the notice to proceed.

- 1.53 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.
- 1.54 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.
- 1.55 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 in addition to the Basic Services Fee.
- 1.56 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 Basic 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.
- 1.57 SCHEMATIC DESIGN: That portion of the Services comprising Phase 1B of the Basic Services which the CONSULTANT shall perform in accordance with the terms of this Agreement.
- 1.58 SERVICE ORDER: A written order (consecutively numbered for reference and control purposes) initiated by the 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.
- 1.59 SERVICES: All work and actions by the CONSULTANT performed pursuant to or undertaken under this Agreement.
- 1.60 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.

- 1.61 **SUBSTANTIAL COMPLETION:** The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Project for its intended use and shall occur when the CONSULTANT issues a certificate of Substantial Completion. At this stage, all Punch List work shall be able to be completed by the CONSULTANT in less than sixty (60) calendar days. The Certificate of Substantial Completion shall not be issued prior to the CONSULTANT obtaining a Final Certificate of Occupancy or a Temporary Certificate of Occupancy from the authorities having jurisdiction, and a Final Certificate of Use or a Temporary Certificate of Use from the authorities having jurisdiction.
- 1.62 **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.
- 1.63 **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.
- 1.64 **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.
- 1.65 **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.
- 1.66 **WORK ORDER:** A written order, authorized by the Owner, directing the CONSULTANT to perform work under a specific Allowance Account(s) or which directs the CONSULTANT to perform a change in the work that does not have a monetary impact.
- 1.67 **WORK-RELATED SERVICES:** Those portions of the Services comprising Phase 5 of the Basic Services that the CONSULTANT shall perform in accordance with the terms of this Agreement when directed and authorized by a Service Order.
- 1.68 **WORK SEQUENCING SCHEDULE AND STAGING PLAN:** Plans prepared by the CONSULTANT showing the stage-by-stage sequence of construction, the impact on adjacent or related facilities and on Airport operations, as well as other features, as necessary, related to the overall schedule of construction.

- 1.69 WORK-SITE SERVICES: Those optional portions of the Services, beyond the requirements of Work-Related Services, involving the providing of on-site resident services, that the CONSULTANT shall perform as the Field Representative in accordance with the terms of this Agreement if directed and authorized by Service Order(s).

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.
- 3.1.2 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.

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 Basic 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 six (6) years 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.
- 3.10 **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 Basic 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 4.01, Aviation Systems - Engineering Design; and 6.01, Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems, 15.01 Surveying and Mapping – Land Surveying. 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, JORGE MIHAIC (305) 876-0933; JMIHAIC@MIAMI-AIRPORT.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.

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. Each Service Order shall specify

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

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

4.2 **BASIC SERVICES SCHEDULE AND SUMMARY:** The CONSULTANT agrees to furnish or cause to be furnished to the extent authorized by Service Order: all architectural and engineering professional services, as further specified below, designated as Basic Services, and as required for satisfactory completion of the Project described in a Project Definition Book or as may otherwise be described in the Special Provisions of this Agreement. The CONSULTANT shall be responsible for correction of any errors, omissions, and/or ambiguities, as determined by the Owner/Project Manager, resulting from the Services.

Upon receipt by the CONSULTANT of a Service Order to proceed with Phase I services, the CONSULTANT shall prepare and submit to the Owner, for its review and approval, a DSCMP for the first three Phases of the Project that conforms to the Project and Phase durations contained in the schedule in the Special Provisions.

The CONSULTANT is firmly obligated to complete the services in accordance with the approved DSCMP, and shall furnish sufficient personnel, equipment, and facilities and shall work such hours as necessary to assure such completion. The CONSULTANT shall meet once per month with the Project Manager to review the CONSULTANT prepared DSCMP, which will establish the basis of payment and the actions necessary to correct schedule deficiencies. The CONSULTANT may request modifications to the DSCMP by submitting a written request to modify with supporting justification. It shall be at the Owner's sole discretion whether to grant such a modification.

4.2.1 The CONSULTANT shall furnish or cause to be furnished all professional design services prescribed in this Agreement and all other services normally required for an airport project of this type.

4.2.2 The CONSULTANT shall design facilities that have common boundaries, surfaces, spaces, or that otherwise interface with other facilities or operations

- being designed, constructed, or operated by others not a part of this Agreement and shall also include the coordination of such design.
- 4.2.3 The CONSULTANT shall design interim/temporary facilities included in the Project Budget with the necessary associated facilities to accommodate operations, pedestrian and/or vehicular traffic, tenants, or concessionaires, as needed during construction.
- 4.2.4 It shall be the responsibility of the CONSULTANT to follow and be responsive to the technical and schedule guidance and oversight furnished by the Project Manager.
- 4.2.5 All services performed during Phases 1A through 3D of the Basic Services shall comply with and be in conformance with the Deliverables Requirements Manual and the Design Guidelines Manual. In addition, the Project shall be designed so as to be able to achieve the LEED category stipulated in Article 9.
- 4.2.5.1 The LEED AP shall develop and implement a LEED Certification Plan to monitor and document progress during design and construction. Implementation shall include, but not be limited to, the following throughout all Phases: coordinate and verify selected materials, actions, and systems are Project-appropriate and meet LEED credit criteria; collect, organize, and prepare documents required for LEED certification, and performance verification; and register the Project with GBCI, providing follow-through in attaining the required level of LEED certification.
- 4.2.6 Throughout all Phases of the Basic Services, the CONSULTANT shall coordinate its Services with any other Owner provided CONSULTANTS.
- 4.2.7 For Phases 1A through 3D of the Basic Services, the CONSULTANT shall submit to the Owner the deliverables listed under the various Phases in the Deliverables Requirements Manual in the format approved by the Owner. In addition, the CONSULTANT shall submit with each set of deliverables a complete listing of the items required to be delivered for that Phase, by discipline, and indicate which of those items are actually being submitted. For any items not being submitted, the CONSULTANT shall submit either a written statement as to why such items are not being submitted as required or an approved waiver for the omission. The Owner reserves the right to reject all or part of any submittals that are not complete in their content as required herein. The CONSULTANT shall be totally responsible for any additional costs resulting from such rejections and shall not be compensated in any manner by the Owner therefor.
- 4.2.8 For Phases 1A through 3D of the Basic Services, the CONSULTANT shall submit estimates of Probable Construction Cost, as described in the Definitions. The estimates are to be prepared by a certified Professional Construction Estimator which is part of the CONSULTANT's team, (whether an employee or Subconsultant), for review by the Owner. Compensation to the Professional Construction Estimator shall be the sole responsibility of the CONSULTANT and shall be considered part of the CONSULTANT's compensation for Basic

Services. As part of its Probable Construction Cost, the CONSULTANT shall assist the Owner in identifying Project Elements that are eligible for Federal/State grant-in-aid participation. The CONSULTANT shall assist in reviewing applications prepared by the Owner and the Project Manager. If meetings with grant agencies are required, attendance at such meetings will be compensated by the Owner as Additional Services.

- 4.2.9 Submittals for Phases 2 through 3C shall include a “Project LEED points estimate” and narrative, as appropriate, describing the materials, actions, and systems being incorporated in the Project to attain the stated LEED certification category.
- 4.2.10 Throughout all Phases of the Basic Services, all drawings shall be produced electronically using REVIT and/or CIVIL 3D Software currently in use by MDAD. The CONSULTANT must submit all original working files as specified within the MDAD BIM Standards Manual.
- 4.2.11 The CONSULTANT shall submit a hard and electronic format, as specified herein or otherwise by the Owner, copies of all documents required under each Phase for review, comments, and approval by the Owner. The Owner shall have a minimum of 10 working days to review each CONSULTANT submittal. The CONSULTANT shall respond to each comment in writing within five working days of receipt of the comments. The number of copies and the distribution of those copies shall be specified in the Service Order for each Phase.

The electronic submittal required under this Agreement shall be in a format acceptable to the Owner and shall generally consist of the digital model and drawings plot files and digital working files as indicated above and shall be organized and submitted on external drive compatible with Owner’s “Windows” operating system. This information can be obtained through MDAD Technical Support.

- 4.2.12 At the end of Phases 1B, 2 and 3C the CONSULTANT shall, through the Project Manager, schedule a review(s) of all plans and programs with the user representatives of the Owner.
- 4.2.13 Recognizing that the construction of other projects at the Airport may affect scheduling of the construction for each Project Element or components thereof, the CONSULTANT shall diligently coordinate the performance of the Services with the Owner and its designees in order to provide for the safe, expeditious, economical, and efficient completion of the Project, without negatively impacting concurrent work by others or the airport operations.
- 4.2.14 In accordance with County Administrative Order AO 3-26 a formal Value Analysis/Engineering (VA/E) study will be conducted at the end of Basic

Services Phase 2 (Design Development) by a separate CONSULTANT retained by the Owner. The CONSULTANT shall assist as directed by the Project Manager in the VA/E process.

- 4.2.15 The CONSULTANT shall have a written design quality management program related to Construction Contract Document preparation and Work Related Services that details the methods and procedures that will be taken to assure that all Services required by this Agreement conform to the required professional quality, technical accuracy, completeness, performance, and coordination of all work under the Agreement (including the work performed by SUBCONSULTANTS). Such program shall be submitted to the Owner within seven (7) days after the Owner issues the first Service Order under this Agreement. The CONSULTANT shall make all adjustments to the program deemed necessary by the Owner. The design quality management program, as adjusted, shall be implemented throughout the entire design and construction process.
- 4.2.16 The CONSULTANT's Probable Construction Cost (including construction contingency allowance), broken down by specification sections or unit prices, shall include any adjustments necessary for projected award dates, changes in requirements, or general market conditions. Service Orders to proceed with Phases 3A, 3B and 3C may not be issued if the Probable Construction Cost, as submitted by the CONSULTANT at Phases 2, 3A and 3B, respectively, exceeds the total Owner allocated funds for the construction of the Project. No further progress payment shall be made should the Probable Construction Cost in any Phase exceed the Budget, until an alternate design is provided at no additional compensation, to bring the cost within the Project Budget limitations.
- 4.2.17 For Phases 3A through 3D, the CONSULTANT shall prepare and include plans for the **Contractor's**/Field Representative's construction trailer. The plans shall show as a minimum the location of the trailer(s), parking, access, and temporary utility connections for the trailer(s) required during the performance of the Work by the Contractor.
- 4.2.18 Commissioning Plans: The CONSULTANT shall develop a commissioning plan in conformance with the current edition of the "MDAD Construction Contracts General and Legal Provisions and Division 1/Commissioning for Facilities Projects" and the Design Guidelines Manual.

4.3 PHASES 1A AND 1B - PROGRAM VERIFICATION AND PREPARATION OF SCHEMATIC DESIGN DOCUMENTS

- 4.3.1 Phase 1A - Program Verification: Based upon the Program drawings, preliminary budget, and Design Guidelines furnished to the CONSULTANT by the Owner, a Service Order may be issued to the CONSULTANT to verify the accuracy and

adequacy of all available information for the Project. Such verification shall include but not be limited to the following areas:

- 4.3.1.1 Program: The CONSULTANT shall examine the Project Book including Program Drawings furnished by the Owner and shall confirm user requirements and determine requirements for additional studies, verify the physical/spatial characteristics of the Project, the completeness of the Program, and their adherence to the Design Guidelines Manual.
- 4.3.1.2 Record Drawings: The CONSULTANT shall examine and verify all as-built conditions as to their completeness and accuracy as depicted on the Record Drawings furnished by the Owner.
- 4.3.1.3 Project Budget: The CONSULTANT shall examine in detail, the estimated construction costs furnished by the Owner. Should this cost verification reveal serious discrepancies and/or deficiencies which would impact the Project and its subsequent stages of development, the CONSULTANT shall inform the Owner in writing as to the adequacy of the funds required to complete the Project through the construction phase.
- 4.3.1.4 Utilities Investigation: The CONSULTANT shall evaluate the utilities information provided by the Owner and determine the adequacy of existing utilities to accommodate the additional utility loads imposed by the Project Element(s) and incorporate such information into the design.
- 4.3.1.5 Surveys: The CONSULTANT shall verify any survey information provided by the Owner and incorporate such information into the design. The CONSULTANT shall be responsible for performing any surveys that are required for the completion of the project that was not provided by the Owner or which the CONSULTANT could not verify satisfactorily. If geotechnical testing or surveying is necessary to prepare the design documents required under this agreement, those services shall be included as part of the Basic Services.
- 4.3.1.6 Soils Investigations: The CONSULTANT shall review any geotechnical information provided by the Owner. In addition, the CONSULTANT shall prepare a soils investigation plan for use in determining soil characteristics required for proper design of the Project Elements included herein. The plan shall show the number, spacing and depth of borings required and shall specify such other tests and investigations as may be necessary to provide information prerequisite to the Project's design. The CONSULTANT shall specify, locate, and coordinate the specific borings and tests to be performed by a qualified testing lab hired by the CONSULTANT and shall interpret the results for application to the Project.

- 4.3.1.7 Discrepancies Between Existing Conditions and Depicted Conditions: Any discrepancies between the actual, existing conditions (including, but not limited to existing utilities) and conditions depicted on drawings or other information provided by the Owner shall be noted by the CONSULTANT. The actual, existing conditions shall then be incorporated into the Contract Documents. The Owner shall be informed, in writing, of any discrepancy between actual, and drawings.
- 4.3.1.8 Deficiencies of Information: The CONSULTANT shall inform the Owner in writing of any deficiencies, other than discrepancies from actual, existing conditions found during verification, in the as-built conditions, and utility information, which are deemed necessary to provide a satisfactory basis on which to perform the Basic Services. Upon agreement of the deficiencies by the Owner, the Owner may then issue a Service Order directing the CONSULTANT to perform the necessary investigations and develop the required additional information as Additional Services.
- 4.3.1.9 Art in Public Places Program: The CONSULTANT shall, prior to preliminary design, initiate contact and confer with the County Art in Public Places Representative for review of applicability of an art component to the Project. Should Art in Public Places County staff determine that the installation of an art component is applicable to this Project based on the provisions of County Code Section 2.11.15 and should it decide to pursue said installation, the CONSULTANT shall further confer with the Art in Public Places Representative to develop a concept for art appropriate to the Project, and with the Art in Public Places Professional Advisory Committee as to the type(s) of art, location(s), and possible artist(s). The Director of Art in Public Places shall approve the final concept and location. The final choice of the artist(s) will be made by the Art in Public Places Trust, upon recommendation of the Art in Public Places Professional Advisory Committee. As part of its Master Plan, Art in Public Places encourages and will give preference to collaborative projects between the artist(s) and the CONSULTANT to promote the integration of artwork and site. Such collaborative efforts shall include the active involvement of both the CONSULTANT and the artist(s) during Design Development of the Project. In consultation with the artist(s) and Art in Public Places, the CONSULTANT shall make all the necessary provisions and coordinate the development and incorporation of artwork(s) details and/or specifications in the Contract Documents for the Project. The CONSULTANT shall coordinate the installation of necessary anchorages, special lighting, or plumbing or other utility or installation and connections as required for the proper installation of the artwork in accordance with the artist's concept(s). The CONSULTANT shall provide, without added compensation, technical support including but not limited to assisting the artist(s) in the development of preliminary and final construction cost estimates for infrastructure work

necessary to support the art work to the extent that it is included in the Contract, construction procedures/approach, typical sections, profiles and details, structural support and utility connection systems (including structural anchorage details as may be required), technical specifications, submittals and shop drawing requirements (including review and approvals) for all ancillary facilities in connection with the installation of the artwork. The CONSULTANT shall coordinate the installation of the artwork with the artist(s) and the Contractor during construction and shall assist the artist(s) and Art in Public Places in the resolution of issues pertaining to coordination. The CONSULTANT shall inspect, along with the artist(s) and the Art in Public Places Representative, the completed installation(s) by the **Contractor** for compliance with the Contract Documents.

- 4.3.2 Phase 1B - Preparation of Schematic Design Documents: Upon the written confirmation from the CONSULTANT that all elements of the Project have been identified and the Owner's cost estimates have been verified, the Owner may issue a Service Order to prepare the Schematic Design Documents.

The CONSULTANT shall review the verified Program with the Owner's representatives, lessees (if applicable), and all agencies and other governmental authorities having permitting or other approval authority with respect to the Project. If authorized in writing by the Project Manager, Project Elements or components, as well as suggestions of such agencies or lessees (if applicable) regarding required procedures, are to be followed by the CONSULTANT. Necessary inclusions shall be made when preparing the Design Development and the Contract Documents. Upon completion of the agencies' reviews, the CONSULTANT shall detail in writing the recommendations of the agencies' to the Owner and shall modify the suggested plan as appropriate and resubmit it to the Owner for review, further modifications, and for approval and agreement by the Owner. As a part of this Phase, the CONSULTANT shall prepare and submit the Phase 1B deliverables including but not limited to the following:

- 4.3.2.1 Site Plan: A site plan(s) of the Project, at a scale to be specified by the Owner, showing the Project Elements, existing facilities, and proposed projects pertinent to or interfacing with other projects and with the remainder of the Basic Services under this Agreement.
- 4.3.2.2 Schematic Design Studies: The Schematic Design studies shall consist of all plans, elevations, sections, perspectives, etc., as required to show the scale and relationship of the design concept to surrounding facilities and other Project Elements plus a narrative report, setting forth in appropriate detail, the criteria to be used in preparing the Contract Documents for the Project Elements and identifying all major equipment and systems required, including alternative items as appropriate, and Work Sequencing Schedules. Design areas and elements beneficial to attaining the required LEED certification category shall be identified and quantified.

These Schematic Design studies are preliminary in nature and scope. They shall be further defined, and amplifying details shall be developed, by the CONSULTANT during subsequent Phases of the Basic Services.

The Owner will make a determination, based on the Schematic Design studies and narrative report, of what equipment and systems will be used. In addition, the Owner will, based on the investigations and recommendations developed by the CONSULTANT, determine which equipment and other items the Owner will purchase outside the Contract for this Project. Should the Owner decide to purchase equipment and materials separately and furnish them to the Contractor, the CONSULTANT shall, as part of the Basic Services, provide detailed programming and scheduling, perform follow-on liaison with vendors with respect to availability and delivery, and provide any other such Services with respect to such separately purchased and furnished equipment as would otherwise be required had said equipment not been separately purchased and furnished.

- 4.3.2.3 Drainage: The CONSULTANT shall prepare a preliminary drainage plan showing the direction and quantities of flows to each drain. The Schematic Design narrative report shall provide drainage calculations in sufficient detail to give assurance that the Project can be used under the approved design storm conditions.
- 4.3.2.4 Barricades, Signing, Marking and Lighting: The CONSULTANT shall prepare, as necessary, a preliminary maintenance of traffic plan, construction operations safety plan, and a security plan which show how the Work can be accomplished within operational constraints. The safety plan shall be prepared as part of the Project documents in conformance with the FAA Advisory circulars and the MDAD Airside Operations Procedures (where applicable). It shall delineate the nature, extent, and location of site access, required temporary barricading, signing, marking, and lighting for the Aircraft Operation Areas and Landside work areas for the Project. The safety plan shall also be coordinated with appropriate Owner staff.
- 4.3.2.5 Work Sequence and Staging Plan: The CONSULTANT shall develop a Work Staging Plan to avoid adverse impacts on existing airport and aircraft operations and shall advise the Owner in writing of the remaining adverse impacts, if any, and estimated increase in Project costs that would result from such staging plan. The CONSULTANT shall develop a Work Sequencing Schedule showing the sequence of the construction and the relative time frame within the overall construction period. Alternative plan(s) and associated cost(s) shall also be developed and submitted, along with an analysis by the CONSULTANT of pertinent factors and relative merits of each plan, even if such alternative plan(s) would adversely impact airport and aircraft operations. The decision as to which plan to use will be

made by the Owner, and the CONSULTANT will be informed of such decision in writing.

- 4.3.2.6 **Probable Construction Cost:** The CONSULTANT shall submit a Probable Construction Cost of the Project. The Probable Construction Cost shall include the estimated costs of constructed or acquired facilities and improvements in such detail as required by the Owner including each class of equipment, operational systems, and any other direct costs that may be included in the Project by the Owner pursuant to this Agreement. The CONSULTANT shall prepare this estimate and submit to the Owner for review and approval. No further progress payment shall be made should the Probable Construction Cost in any phase exceed the Budget, until an alternate design is provided at no additional compensation, to bring the cost within the Project Budget limitations.
- 4.3.2.7 **Project LEED point estimate:** The CONSULTANT shall submit the Project LEED point estimate corresponding to the Phase 1B submittal documents. The Project LEED point estimate shall be updated for each successive Phase and kept current. No further progress payment shall be made should the Project LEED point estimate in any Phase fail to meet or exceed the top three (3) points in the specified LEED certification category.
- 4.3.2.8 **LEED Certification Plan:** The CONSULTANT shall submit a LEED Certification Plan for the Project which shall detail the steps necessary to attain the specified LEED certification category and how each is to be implemented during design and construction of the Project. The LEED Certification Plan shall be updated for each successive Phase and kept current. Successive submittals shall show progress level of each step and directly correspond to the design decisions of each Phase.
- 4.3.3 During Phase 1B the Owner may direct the CONSULTANT, by Service Order, to combine specified portions of the Phase 1B and Phase 2 Basic Services and eliminate or change certain portions of the Services in order to provide Contract Documents more efficiently or cost-effectively. If so directed by the Owner, fees for these two Phases shall be the same as if the two Phases were performed in their entirety. The durations for the individual Phases 1B and 2 will be combined to establish the total duration for the combined phase 1B/2, which will equal the sum of the durations for the individual Phases.
- 4.3.4 The CONSULTANT shall not proceed with the following Phase 2 - Design Development until appropriate written approvals and comments on the deliverables for Phase 1B and a Service Order for the Phase 2 Basic Services are received from the Owner. All comments shall be addressed, in writing, and reflected in the Phase 2 documents. The CONSULTANT understands that such approvals, comments, and Service Order may be received individually and at different times.

4.4 PHASE 2 - DESIGN DEVELOPMENT

4.4.1 Upon receipt from the Owner of a Service Order for Phase 2 Basic Services, the CONSULTANT shall prepare Design Development documents from the approved Schematic Design documents developed in the performance of the Phase 1B Basic Services. Phase 2 Basic Services shall produce the submittals as more fully detailed in the Professional Services Deliverables. The Design Development documents shall consist of Drawings, Outline Specifications, Work Sequencing Schedules, and other documents as may be necessary to fix and describe the size and character of the systems and components to be included in the Project. The systems, components, and associated controls shall integrate with and be of like character to those typically found in similar projects unless otherwise specifically approved by the Owner in writing. All plans and programs developed during Phase 1B for interim locations or routings, or for the staging and sequencing of Work, shall be refined and updated as applicable. Should the need for additional plans and/or programs become apparent during the course of the performance of the Phase 2 Basic Services, such additional plans and programs shall be prepared and included in the Design Development documents.

4.4.2 Unless otherwise stipulated in the Special Provisions, it is the Owner's intent to bid the Project in one (1) package. The Owner, though, reserves the right to direct that the Project be divided into as many contracts as required by operational constraints, tenant or lessees needs, adjacent project scheduling, or other reasons as determined by the Owner. If the Owner requires the Project to be broken into more bid packages than specified herein, the additional work to accomplish this will be compensated to the CONSULTANT as Additional Services.

4.4.3 In accordance with County Administrative Order 3-26, at the end of the Design Development phase, the CONSULTANT shall participate in a Value Analysis (VA), including Life Cycle Cost Analysis performed by an independent CONSULTANT hired by the Owner, lasting approximately seven (7) days. The CONSULTANT will provide documents, make an opening presentation relative to the contents of those documents, and respond to questions posed. Recommendations agreed to and required by the Owner will be incorporated by the CONSULTANT into the Phase 2 Services.

In participating in the VA, the CONSULTANT will be mindful of the required LEED certification level, and the CONSULTANT shall address the benefits and drawbacks of any proposed system, item, or element to be the basis of the LEED certification, and shall be knowledgeable of alternatives available in order to ensure the attainment of that certification.

4.4.4 The CONSULTANT shall submit all documents required under Phase 2 Design Development for review and comments by the Owner. The Design Development documents submitted shall also include updates to the Phase 1B Project Probable Construction Cost. These updates shall be based upon the approved size and

character of the components of the Project Elements and the incorporation of the Owner approved recommendations of the Value Analysis. If the Phase 2 Probable Construction Cost indicates that the Project cost shall be more than the approved Phase 1B Probable Construction, no further progress payment will be made until an alternate design is provided, at no additional compensation, to bring the cost within the Project Budget limitations. The Owner may direct the CONSULTANT to modify, without additional compensation, the Design Development documents to bring the Phase 2 Probable Construction Cost within or below the approved Phase 1B Probable Construction Cost. The CONSULTANT shall not proceed with the following Phase 3A - 30% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 2 and a Service Order for the Phase 3A Basic Services are received from the Owner. All comments shall be addressed in Phase 3A. The CONSULTANT understands that such approvals, comments, and Service Order may be received individually and at different times.

- 4.4.5 The CONSULTANT shall prepare exhibits required to convey the intent of the design during Phase 2 presentation to the Owner for Owner's and Users' reviews. The CONSULTANT shall resolve all comments, including a follow-up presentation(s) if required. Phase 2 Design Development drawings shall specifically note areas, systems, and/or items necessary for conformance to the required Project LEED certification category. The Project LEED points estimate shall be updated at every submission and coordinated with the Probable Construction Cost estimate and the LEED Certification Plan. The Project LEED points estimate shall be realistic and not less than the top three (3) points specified in the certification category for the Project.
- 4.4.6 The CONSULTANT shall also, to the extent applicable based on refinements and amplifications effected during the Design Development phase, review pertinent documents with the agencies having permitting or other approval authority with respect to the Project, including those agencies previously consulted in Phases 1A and 1B above, to obtain the reviews of such agencies. The CONSULTANT shall report in writing the findings of such reviews with said agencies and provide recommendations for approval by the Owner relative to such findings for implementation by the CONSULTANT in Phase 2 Basic Services.

4.5 PHASES 3A, 3B & 3C - CONTRACT DOCUMENTS

4.5.1 Phase 3A, 30% Complete Contract Documents

- 4.5.1.1 Upon receipt of a Service Order for Phase 3A Basic Services, the CONSULTANT shall prepare the 30% Contract Documents from the approved Design Development documents developed in the performance of the Phase 2 Basic Services. Phase 3A Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.

- 4.5.1.2 The CONSULTANT shall prepare a preliminary Storm Water Pollution Prevention Plan (SWPPP) in accordance with the National Pollution Discharge Elimination System (NPDES) storm water discharge regulations under the Clean Water Act Amendments of 1987.

The CONSULTANT shall comply with the current "NPDES General Permits for Storm Water Discharge From Construction Sites", for storm water rules, regulations, and project eligibility, and shall prepare a SWPPP for the Project using all applicable Environmental Protection Agency (EPA) and local agency regulations.

The CONSULTANT may refer to the MDAD SWPPP guidance manual for information on preparing an individual SWPPP for Owner approval and Contractor implementation.

- 4.5.1.3 Using the documents prepared under this Article, the CONSULTANT shall submit for review the necessary portions of the Contract Documents to the authorities, including but not limited to, County, State, and/or Federal, having jurisdiction over the Project by law or contract with the County.

- 4.5.1.4 The CONSULTANT shall submit all documents required under Phase 3A - 30% Contract Documents for review and comments by the Owner. The 30% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, and civil.

- 4.5.1.5 The 30% Contract Documents submittal shall include preliminary specifications for all CSI Divisions identified in the latest CSI MasterFormat including identifying materials, finishes and equipment for the project. The 30% Contract Documents submitted shall also include updates to the Phase 2 Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 2 Design Development. If the Phase 3A Probable Construction Cost is higher than the Phase 2 Probable Construction Cost, no further progress payment will be made until the CONSULTANT provides an alternate design. The Owner may direct the CONSULTANT to modify, without additional compensation, the 30% Contract Documents to bring the Phase 3A Probable Construction Cost within or below the approved Phase 2 Probable Construction Cost. The CONSULTANT shall not proceed with the following Phase 3B - 75% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 3A and a Service Order for Phase 3B Basic Services are received from the Owner. All comments shall be addressed in Phase 3B. The CONSULTANT understands that such approvals, comments, and Service Order may be received individually and at different times. For LEED certified projects,

the CONSULTANT shall prepare and include drawings and specifications of each discipline identifying the specific elements that will qualify for LEED points, as well as the LEED point estimate. Specific areas, items, and elements that contribute to the Owner-required LEED category shall be listed, keyed, or otherwise highlighted for review purposes.

- 4.5.1.6 The CONSULTANT shall, to the extent applicable based on refinements and amplifications effected during this Phase, review pertinent documents with those agencies having permitting or other approval authority with respect to the Project, including agencies previously consulted by the CONSULTANT in Phases 1A, 1B and 2, in order to obtain changes in the opinions, comments, and suggestions of those agencies with respect to such refinement and amplifications. The CONSULTANT shall report in writing to the Owner, for approval by the Owner, the findings of such reviews with said agencies and its recommendations relative to such findings for implementation by the CONSULTANT in Basic Services Phase 3B.

4.5.2 Phase 3B, 75% Complete Contract Documents

- 4.5.2.1 Upon receipt of a Service Order for Basic Services Phase 3B, the CONSULTANT shall prepare the 75% Contract Documents from the approved 30% Contract Documents developed in the performance of the Phase 3A Basic Services. Phase 3B Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.
- 4.5.2.2 Using a progress set of documents at the 90% level of Contract Documents the CONSULTANT shall submit for review the necessary portions of the Contract Documents to the authorities for an official dry-run review including, but not limited to, County, State, and/or Federal, having jurisdiction over the Project by law or contract with the County. Said documents shall be sufficient to be permitted as applicable by such authorities. The CONSULTANT shall assist the Owner in coordinating with the Building Department to facilitate permit approval prior to approval by the Owner of the 100% complete Review Set and printing of the Contract Documents.
- 4.5.2.3 The CONSULTANT shall develop a coordinated plan of execution for this Phase, which will include an outline, or index, of the contents of the Contract Documents along with a schedule(s) for completion.
- 4.5.2.4 The CONSULTANT shall prepare Plans in a manner that will ensure clarity of line work, notes and dimensions when reduced to 50 percent of the original size. After acceptance by the Owner, the Plans shall become part of the Contract Documents. The Technical Specifications shall provide that a system of quality control and quality assurance be a requirement of the work. The quality control and quality assurance system shall provide the

procedures to be used by the Contractor and the CONSULTANT to assure that the quality of all materials, equipment systems, and furnishings function as intended and are equal to or better than called for in the specifications.

- 4.5.2.5 The CONSULTANT shall submit all documents required under Phase 3B - 75% Contract Documents for review and comments by the Owner. The 75% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, landscape architecture and civil. The 75% Contract Documents submittal shall include pre-final specifications for all required CSI MasterFormat Divisions. 1 through 16. The 75% Contract Documents submitted shall also include updates to the Phase 3A Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 3A - 30% Contract Documents. If the Phase 3B Probable Construction Cost indicates that the Project cost shall be more than the approved Phase 3A Probable Construction Cost, the CONSULTANT shall provide an alternate design, without additional compensation and without changing the scope of the Project, to bring the Phase 3B Probable Construction Cost within or below the approved Phase 3A Probable Construction Cost. For LEED certified projects, the CONSULTANT shall prepare and include drawings of each discipline identifying the specific elements that will qualify for LEED points. Specific areas, items, and elements that contribute to the Owner-required LEED level shall be listed, keyed, or otherwise highlighted for review purposes.
- 4.5.2.6 The CONSULTANT shall participate in an abbreviated (two to three days) follow up VA/Life Cycle study/critique/constructability after submission of 75% Construction Documents with the independent VA/E CONSULTANT hired by the Owner. Participation shall be as necessary to assure that the Owner-approved recommendations from the Phase 2 VA have been incorporated and that any additional recommendations from this Phase 3B VA are fully understood and will be incorporated into the Contract Documents.
- 4.5.2.7 For Phase 3B the CONSULTANT shall provide a detailed, Critical Path Method (CPM) construction schedule that conforms to the Work Sequencing and Staging Plan. The CPM schedule shall be used to validate any preliminary schedule prepared by the Owner prior to the start of design, assist in the sequencing of the work, identify long-lead procurement needs and establish the duration of the construction contract. The Owner shall review the schedule and may require changes or that additional detail be added to the schedule at no additional cost to the Owner.

- 4.5.2.8 After review by the Owner, the CONSULTANT shall resolve all questions and have all revisions made to its documents as required by the Owner. The CONSULTANT shall prepare a 75% complete Review Set. The 75% Review Set shall be returned to the Owner with a consolidated cost breakdown by construction trade that will permit the Miami-Dade County Department of Business Development to readily develop contract measures in the bidding documents. The CONSULTANT shall not proceed with the following Phase 3C - 100% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 3B and a Service Order for Phase 3C Basic Services are received from the Owner. All comments shall be addressed in Phase 3C. The CONSULTANT understands that such approvals, comments, and Service Order may be received individually and at different times.

4.5.3 Phase 3C, 100% Complete Contract Documents

- 4.5.3.1 Upon receipt of a Service Order for Phase 3C, the CONSULTANT shall proceed with Basic Services Phase 3C - 100% Contract Documents. The CONSULTANT shall prepare the 100% Contract Documents from the approved 75% Contract Documents developed in the performance of the Phase 3B Basic Services. Phase 3C Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.

1. The CONSULTANT shall submit all documents required under Phase 3C - 100% Contract Documents for review and comments by the Owner. The 100% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, landscape architecture and civil.
2. The 100% Contract Documents submittal shall include final specifications for all required CSI MasterFormat Divisions including Division 1 General Requirements and Special Provisions. The submittal shall address all comments received from the permitting agencies issued during the dry-run review process. The 100% Contract Documents submitted shall also include updates to the Phase 3B Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 3B - 75% Contract Documents. If the Phase 3C Probable Construction Cost indicates that the Project cost shall be more than the approved Phase 3B Probable Construction Cost, no further progress payment will be made until the CONSULTANT provides an alternate design the CONSULTANT shall, without additional compensation and without changing the scope of the Project, provide an alternate design to bring the Phase 3C Probable Construction Cost within or below the approved Phase 3B Probable

Construction Cost. The Owner may direct the CONSULTANT to modify, without additional compensation, the 100% Contract Documents to bring the Phase 3C Probable Construction Cost within or below the approved Phase 3B Probable Construction Cost. The CONSULTANT shall not proceed with the following Phase 3D Bid Documents until appropriate written approvals and comments on the deliverables for Phase 3C and a Service Order for Phase 3D Basic Services are received from the Owner. All comments shall be addressed in Phase 3D. The CONSULTANT understands that such approvals, comments and Service Order may be received individually and at different times. For LEED certified projects, the CONSULTANT shall prepare and include drawings of each discipline identifying the specific elements for LEED points that are required by the technical specifications to meet the necessary criteria. The Project LEED points estimate shall be updated to reflect the Project's Phase 3B refinements to meet or exceed the top three (3) points in the specified LEED certification category.

4.6 PHASE 3D, BID DOCUMENTS

- 4.6.1 After review by the Owner of the 100% Contract Documents, the CONSULTANT shall respond to all comments in writing within seven (7) calendar days after receipt of the comments from the Owner, acknowledging acceptance of the comments(s) which will be incorporated into the documents during Phase 3D, and identifying the rejection of those comments not to be incorporated as approved by the Owner.
 - 4.6.1.1 The CONSULTANT shall assemble and submit a consolidated set of 100% Contract Documents for back-check by the Owner. This set will reflect the revisions required after the 100% review by the Owner.
 - 4.6.1.2 Based on the CPM schedule prepared by the CONSULTANT for the construction of the project, the CONSULTANT shall recommend and justify to the Owner the overall Project Construction Contract Time, Phasing, Interim Completion Time(s), any required long-lead procurements, the amounts of liquidated damages, liquidated indirect costs, and the amount of Allowance Account(s) to be incorporated in the Contract Documents.
- 4.6.2 Upon final approval of the back-checked Phase 3C - 100% Contract Documents by the Owner and the receipt of a Service Order, the CONSULTANT shall prepare the Advertisements for Bids, the Bid Forms, and finalize the Contract Documents to a condition suitable for final printing and distribution to prospective bidders. These 100% complete Contract Documents shall be submitted to the Owner for approval.

- 4.6.3 Project registration with GBCI for certification shall be undertaken or updated, as appropriate.

4.7 PHASE 4 - BIDDING AND AWARD OF CONTRACT

- 4.7.1 Upon approval of the 100% complete Contract Documents and the issuance of a Service Order by the Owner for the Phase 4 Basic Services, the CONSULTANT shall furnish the number of bound sets of the 100% complete Contract Documents (Plans and Project Manuals) as specified in the Service Order for bidding purposes, prior to advertising, or as may otherwise be directed by the Owner by the Service Order. 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) and attend the Bid opening.
- 4.7.2 The CONSULTANT shall distribute the Contract Documents to prospective Bidders and to other agencies as required by the Owner, in accordance with current Owner bidding procedures, as such procedures may be amended from time to time. Delivery cost to bidders shall be paid by the bidders.
- 4.7.3 The CONSULTANT shall, with prior approval and authorization by the Owner, develop, print, and distribute addenda and responses to bidder's inquiries.
- 4.7.4 The CONSULTANT shall: prepare three (3) sets of Contract Documents in hardcopy format, and two (2) sets in a commercially available software, editable electronic format (CD's, DVD's, flash drive), conformed with Addenda (if any) pasted or included therein for use by the Owner; prepare a tabulation of bids received; analyze the bids; and, at the request of the Owner, make an initial recommendation as to the responsiveness and responsibility of the recommended bidder for award. The award of the Contract will be at the sole discretion of the Owner. Such action by the Owner shall not relieve the CONSULTANT from any responsibility under this Agreement.
- 4.7.5 If the lowest qualified, responsive and responsible bid received exceeds the approved Phase 3C Probable Construction Cost, the Owner may at its discretion:
1. Approve the increase of the cost of the Work that was bid pursuant to the Contract Documents; or
 2. Direct the CONSULTANT to revise the Contract Documents, without changing the scope of the Project, and re-bid the Work included in the revised Contract Documents (in which case the CONSULTANT shall again perform the Work specified herein before, at no additional compensation, except for the reimbursement of the cost of printing of Contract Documents); or

3. Suspend or abandon the Project or any components of the Work included in the Contract Documents.
- 4.7.6 Upon award of the Contract by the Owner and notification from Owner to the CONSULTANT that the Contract be executed, the CONSULTANT shall assemble, prepare, and transmit to the Owner six (6) sets of the bidding and Contract Documents, complete with all addenda, forms, and affidavits required by the Contract Documents.
- 4.8 **PHASE 5 - WORK RELATED SERVICES**
 - 4.8.1 Upon receipt of a Service Order for Phase 5 Work-Related Services, the CONSULTANT shall provide the Services as set forth herein. The Work-Related Services will begin upon receipt of a Service Order. The Work-Related Services will end when the final request for payment from the Contractor has been approved by the Owner, the CONSULTANT has submitted its Report of Contract Completion, and the Project Record Documents (such as As-Built Drawings, etc.) have been reviewed by the CONSULTANT and found acceptable and has completed all other Services required, including the warranty related services.
 - 4.8.2 The CONSULTANT shall provide the Owner a staffing plan including individual resumes that the CONSULTANT, including SUBCONSULTANT(s), intends to use during the Work-Related Services for review by the Owner for adequate staffing.
 - 4.8.3 The CONSULTANT shall submit or otherwise affirm that it has submitted all necessary and requested data to GBCI for the attainment of the LEED certification category requested by the Owner.
 - 4.8.4 The CONSULTANT shall review and approve the overall progress schedule, schedule of shop drawings submissions, schedule of values, and other schedules required of them under the Contract Documents. The CONSULTANT shall visit the work site at least once per week, evaluate the Work for compliance with the Contract Documents, prepare and submit to the Owner, via the Project Manager with copies to the Field Representative, a detailed written and sequentially-numbered report of the observed conditions of the Work, the progress of the Work, and other Work observations, as found or made during each visit to the work site. Such report shall be submitted to the Owner at least monthly and more frequently on an interim basis if necessary to prevent or mitigate any increase in Project costs or damages to the Owner. The CONSULTANT will not be held responsible for the means, method, techniques, sequences or procedures used, or for safety precautions and programs, in connection with the Work performed by the Contractor, but shall immediately report to the Owner any observations of conditions which in his judgment would endanger persons or property or which might result in liabilities to the Owner.

- 4.8.5 Appropriately qualified personnel of the CONSULTANT, including Sub-CONSULTANT(s) if appropriate, shall visit the Work at least once per week, unless otherwise specified in the Special Provisions of this Agreement, and as necessary to fulfill the responsibilities of the CONSULTANT hereunder and in order to respond to non-routine situations that call for the CONSULTANT's expertise and/or approval in an expeditious manner. Such personnel shall coordinate with the Field Representative work-site personnel.
- 4.8.6 Based on observation and measurement of the Work satisfactorily completed and upon the request for payment from Contractor, the CONSULTANT shall review the amount requested by the Contractor on account, indicating, as applicable, the amounts which are available from Federal/State funding, and shall concur with the request for payment, in such amount. The CONSULTANT's concurrence shall constitute a representation to the Project Manager and the Owner that the Work has progressed to the point indicated; that to the best of the knowledge, information and belief of the CONSULTANT, the quality of the Work is in accordance with the Contract Documents. Such concurrence shall be based on the CONSULTANT's review and acceptance of the following:
1. An evaluation of the Work for conformance with the Contract Documents;
 2. The Field Representative's certification of the 's measurements for Work satisfactorily completed;
 3. The results of any subsequent test required by the Contract Documents;
 4. The review of the as-built drawings to determine completeness and accuracy up to the date of the pay request;
 5. Any specific qualifications stated in the request for payment; and
 6. The Field Representative's confirmation of the cost of labor, materials, and equipment for cost-plus work including disputed work.
 7. Compliance with all LEED required activities. The review of the Contractor's LEED Certification Plan for compliance regarding inventory and receipt of action documentation including, but not limited to, construction waste management, use of reduced impact materials, temporary storage of recyclables and discarded items, refrigerants, etc., necessary to attain maximum possible LEED certification points, up to the date of the pay request.
- 4.8.7 The CONSULTANT shall assist the Project Manager, the Field Representative, and other CONSULTANTS in reviewing and evaluating all Contractor's claims relating to the time, cost, execution, and progress of the Work and on all other matters or questions related thereto.

- 4.8.8 The CONSULTANT shall have authority to require special inspection or testing of any Work questioned as to conformity with the Contract Documents whether or not such Work has been fabricated and delivered to the Project or installed and completed.
- 4.8.9 The CONSULTANT shall, where necessary or when requested by the Owner, provide general consultation and advice, interpret the Plans Specifications, and other such Contract Documents and in order to clarify the intent of the CONSULTANT with respect to the contents of the Contract Documents.
- 4.8.10 The CONSULTANT shall promptly review and approve shop drawings samples and requests for substitutions within ten (10) working days and Request for information (RFIs), within five working days, and other submissions of the Contractor's for conformance with the design concept of the Project Element(s) and for compliance with the information given in the Contract Documents within five working days. The CONSULTANT shall render decisions, issue interpretations, and issue correction orders within the times specified in the Contract Documents or, absent such specification, on such timely basis so as not to delay the progress of Work as depicted in the approved construction schedule.

Should the CONSULTANT fail to perform these Services within the time frames specified in the Contract Documents or, if no time frames are specified, in a timely manner so that such failure causes a delay in the progress of the Work, the CONSULTANT shall be liable for any damages to the Owner resulting from such delay including, but not limited to, damages related to delays and inefficiencies incurred by the Contractor for which the Owner may be responsible.

- 4.8.11 The CONSULTANT shall revise Plans, specifications and other Contract Documents as necessary, shall review Change Orders, Work Orders, Bulletins, and other appropriate documentation prepared by the Field Representative, and shall assist the Project Manager and Owner in negotiations with the Contractor(s) with respect to all changes in the Work. Such work shall be Additional Services, provided, however, that if the need to revise Plans, specifications and other Contract Documents and/or to review Change Orders, Work Orders, Bulletins, and other documentation is a result directly or indirectly of errors, omissions, and/or ambiguities in the Services rendered by the CONSULTANT, including SUBCONSULTANTS, then such Work shall be provided by the CONSULTANT at no additional cost to the Owner.
- 4.8.12 The CONSULTANT's Services for Substantial Completion and Final Acceptance shall include, but not be limited to, the following:
- 4.8.12.1 Inspections for Substantial Completion for all or a portion of the Work: The CONSULTANT shall, prior to Substantial Completion of the Work, inspect the Work with the Field Representative, to determine initial Punch List items and to ensure that all mechanical/electrical/plumbing systems have been commissioned

in accordance with the requirements of the Contract Documents. The CONSULTANT shall re-inspect the work with the Field Representative as many times thereafter as is needed to establish a time of Substantial Completion. The CONSULTANT shall review each edition of the Punch List before it is issued by the Field Representative. Each edition of the Punch List will be distributed by the Field Representative after review by the CONSULTANT. Any User contributions to the Punch List shall be only as approved by Owner. Punch Lists shall record:

1. Defects observed in the Work and incomplete commissioning in first and succeeding visits;
2. Defects corrected (recorded by striking items from the punch list or by identifying items as corrected).

4.8.12.2 Contractor's Closeout Submittals and Actions: The CONSULTANT shall review the Field Representative's record of closeout submittals and actions for concurrence.

4.8.12.3 Determination of Substantial Completion: When the Punch List of defective items has been reduced to the point at which, in the judgment of the CONSULTANT and Field Representative, the Work can be immediately utilized for its intended purpose, division of responsibility for carryover items from the Contractor to the Owner has been set forth, and all Punch List items are judged to be capable of completion in not more than sixty (60) days or such other time as may otherwise be approved by the Owner, upon recommendation by the Field Representative, the CONSULTANT shall review, concur, and upon approval by the Owner, set the date of Substantial Completion.

4.8.12.4 Certificate of Occupancy, or Temporary Certificate of Occupancy or Certificate of Completion: If a Certificate of Occupancy is required on this project, the CONSULTANT and Field Representative shall not certify the Work as substantially complete until a Certificate of Occupancy, or Temporary Certificate of Occupancy, or Certificate of Completion has been issued in accordance with the Florida Building Code.

4.8.12.5 Determination That the Work Is Not Substantially Complete: If the required submittals and actions by the Contractor are deficient, or if in the judgment of the Field Representative and/or the CONSULTANT the Work will not be ready for final acceptance within the time parameters specified herein, the CONSULTANT shall notify the Project Manager, the Field Representative and the

Contractor in writing that Substantial Completion cannot be declared, and include a list of deficient Contractor's submittals, deficient Contractor's actions, defective or incomplete items in the Work, and any other supporting reasons the Field Representative and/or the CONSULTANT may wish to state.

4.8.12.6 Retainage for Uncompleted Work: The CONSULTANT shall review and concur with the Field Representative's recommendation of an amount that will ensure that the Owner can employ other contractors to complete each item of Work in the event of the Contractor's failure to complete. Upon approval by the Owner, this retainage for uncompleted Work shall be deducted from the retainage amount otherwise due the Contractor at the time of Substantial Completion. Retainage for uncompleted Work will not be paid until the Contractor completes all uncompleted items.

4.8.12.7 Final Acceptance: When, in the judgment of the Field Representative and the CONSULTANT, the Work is complete, the date of Final Acceptance shall be set by the Owner.

4.8.13 The CONSULTANT's Services after Final Acceptance shall include, but not be limited to, the following:

4.8.13.1 The CONSULTANT shall furnish to the Owner at the CONSULTANT's expense a final, complete, and fully updated record model and drawings set of documents. The record drawings shall be submitted in the following formats:

- A. Two (2) sets of 30" x 42" Electrostatic black line prints; and
- B. Two (2) sets of electronic drawings:
 - In compliance with the MDAD Technical Support Facility Management BIM Standards.
- C. Building Information Modeling (BIM) – CONSULTANT shall employ the use of BIM technology utilizing Autodesk Revit software.

The record model and drawings shall be presented to the Project Manager for transmittal of one copy of each format, through the Commissioning Team, to the designated representatives of the MDAD Division of Technical Support.

4.8.13.2 The complete set of Record Model and Drawings shall include all pertinent shop drawings as well as the Plans included in the Contract Documents as adjusted to comply with the as-built Work. The CONSULTANT shall

verify that all Record Model and Drawings prepared by the Contractor are prepared in a manner that will ensure clarity of line work, notes, and dimensions. The CONSULTANT shall provide a certification of the quality of all equipment and systems that are a part of the finished Work.

- 4.8.13.3 The CONSULTANT shall furnish to the Owner in an electronic data base (Microsoft Excel 2000 or higher) an index, summary, and copies of all warranty documents required to be furnished by the Contractor under the consolidated Contract Documents. The Field Representative and Contractor will be responsible for providing an index and summary list of the equipment by serial number and indicate for each the warranties, the term, conditions, and the purported legal enforcement and recourse rights of the Owner as indicated by the language in the Warranty. This list shall be reviewed by the CONSULTANT. The CONSULTANT shall upload to MDAD's Platform System all project related information when required.
- 4.8.13.4 The CONSULTANT shall inspect the entire Project thirty (30) days prior to the expiration of the warranties. The CONSULTANT shall report its findings to the Owner sufficiently prior to the end of the warranty period to enable the Owner to issue an action report to the Contractor prior to the expiration of the warranty period. The CONSULTANT's report shall be complete with specific recommendations covering any portion of the Work to be repaired or replaced.
- 4.8.13.5 In addition to the requirements set forth above, the CONSULTANT shall perform those duties of the CONSULTANT as set forth in the Contract Documents.
- 4.8.14 LEED Certification Documents: The CONSULTANT shall furnish to the Owner copies of the LEED Certification Documents necessary to obtain the required LEED certification category. The format of the documentation shall be as required by the certifying body, and shall encompass such necessary design, material selection process, Plans and details Contractor's purchasing criteria, proof of purchase locations, site practice requirements and implementation documentation, and list(s) of qualifying elements. This material shall be organized, reviewed, and approved by the CONSULTANT as adequate in form and substance for submittal to the certifying body. The CONSULTANT shall also make the application to the certifying body for certification, for review and submittal to the certifying body.

4.9. MEETINGS AND REPORTS

- 4.9.1. Meetings: As part of providing the Basic Services, the CONSULTANT shall attend all meetings wherein information relating to the Basic Services is 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 concerning design coordination, and such other 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.

4.9.2. 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 and the estimated incremental and total percentages of each assigned Project Element which have been completed; 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; a statement from the CONSULTANT as to each Project Element that the Project is either on schedule or the Project Element is not on schedule and should the latter be stated, then the CONSULTANT shall also state the length of delay and the reasons for the delay. 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 each Phase of the Basic Service as set forth in the corresponding invoice for payment.

4.9.3. Status of Project LEED elements and requisite documentation shall be stated, along with recommendations to correct noted problems or deficiencies.

4.9.4. Partnering: The Owner has committed itself to the practice of partnering, a team commitment to create an environment in which design and construction differences are dealt openly, with members of the design and construction team taking responsibility for timely and cost-conscious performance. The process will start with key participants of the Project team, including CONSULTANT's personnel, attending a Partnering Meeting to establish terms of the partnering agreement. The meeting will enable the Project team to establish methods of issue/conflict resolution, delegate authority for decision making to the lowest possible level, and develop a continuous evaluation process. Follow-up meetings with the facilitator will be held as necessary during the construction to spur the Project's on-schedule completion.

4.10 **ADDITIONAL AND WORK-SITE SERVICES**

- 4.10.1 Authorization: Any Services beyond the requirements for Basic Services shall be performed by the CONSULTANT upon receipt of a Service Order issued by the Owner. The Owner reserves the right to have any or all of the Services listed below performed by CONSULTANTS other than the CONSULTANT. The CONSULTANT shall have no claim to any of these Services except as authorized by the Owner with a Service Order.
- 4.10.2 Additional Services: Additional Services listed below are beyond the requirements for Basic Services under this Agreement and shall be performed upon receipt of a Service Order.
- 4.10.2.1 Special analyses of the needs of the Owner related to financial feasibility, or other special studies not otherwise necessary for the satisfactory performance of the Basic Services.
 - 4.10.2.2 Incorporation of any User recommendations, as approved by the Owner, into drawings subsequent to Phase 2.
 - 4.10.2.3 Any Services after Owner's acceptance of Phase 2 documents by the Owner relative to future facilities, systems, and equipment but not intended to be included in the Contract Documents.
 - 4.10.2.4 Services with respect to verification of Owner-supplied information that cannot be made visually or by careful review of the available information, but which requires extraordinary investigation, such as excavation, demolition or removal, as well as investigations and the development of additional information, as agreed to by the Owner, required as a result of deficiencies in the as-built conditions, utility information, which are deemed necessary to provide a satisfactory basis on which to perform the Basic Services. The CONSULTANT shall be responsible for surveying and geotechnical services required to prepare the design documents as part of Basic Services.
 - 4.10.2.5 Extra work required, as directed by the Owner, to break the Project into more bidding packages than specified herein, including making studies and advising the Owner of the number and type of construction contracts, taking into consideration phasing and coordination of Work with the Contractors, cost impact, and the requirements and needs of the Owner and Users (if applicable).
 - 4.10.2.6 Meetings with federal and/or state grant-providing agencies required to assist the Owner in obtaining grant funding for the Project.
 - 4.10.2.7 Extended assistance requested in writing by the Owner for the preparation of operating and maintenance manuals, other than those provided by the Contractor, subcontractors, or manufacturer, in accordance with the Contract Documents.

- 4.10.2.8 Consultation concerning replacement of any Work damaged by fire or other disaster during construction, and professional services in connection with replacement of such Work.
- 4.10.2.9 Preparing to serve or serving as an expert witness at the request and on behalf of the Owner, in connection with the Project or any Project Element or component thereof, except in situations where such service is a result of the CONSULTANT's errors, omissions, or ambiguities.
- 4.10.2.10 Professional services required after acceptance of the Work by the Owner except as otherwise required under Basic Services.
- 4.10.2.11 Professional services made necessary by the default of the Contractor or by major defects in Work performed under the construction Contract that have not resulted from errors, omissions, or ambiguities of the CONSULTANT.
- 4.10.2.12 Environmental services beyond that which is required to verify Owner-supplied information or that is beyond the scope of the Basic Services herein.
- 4.10.2.13 Environmental Remediation engineering services. These services will be negotiated, authorized, and paid as Additional Services; however, the incorporation of standard details and/or technical specifications provided by the Owner into the Contract Documents does not constitute Additional Services.
- 4.10.2.14 Services required to participate in, or otherwise assist the Owner during bid protests or negotiations with the bidder(s) after bid opening but before the award of the Contract with the Contractor.
- 4.10.2.15 Preparation of reports, which are not a requirement of Basic Services, and participation in meetings during construction, should the Owner elect not to take the option for Work-Site Services; provided, however, that such meetings and reports are not a result, directly or indirectly, of errors, omissions, and/or ambiguities in the Services rendered by the CONSULTANT, including SUBCONSULTANTS engaged by the CONSULTANT.

4.11. WORK-SITE SERVICES

At the sole option of the Owner and after receipt of a Service Order specifically authorizing such Services, the CONSULTANT shall provide Work-Site Services as set forth herein. In discharging such Services, the CONSULTANT shall provide an on-site resident Field Representative(s) approved by the Owner

who shall act as the agent of the CONSULTANT. The Work-Site Services shall be defined by Service Order, performed in accordance with the MDAD Construction Inspection Services Manual, provided at the Service Order is negotiated and agreed to by the CONSULTANT and the Owner.

The CONSULTANT shall fulfill all other requirements and duties, not a part of the Basic Services, imposed on the CONSULTANT by the Contract Documents or through Service Order by direction of the Owner.

Should the CONSULTANT fail to perform these Work-Site Services in a timely manner and cause a delay in the progress of the Work, the CONSULTANT shall be responsible for any resulting damages to the Owner.

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 Basic Services, Work Site, Work-Related and Additional Services and Reimbursable Expenses performed shall not exceed **TWO MILLION TWO HUNDRED AND FIVE THOUSAND FIVE HUNDRED DOLLARS (\$2,205,500.00)** and shall be disbursed as reflected in each service order.

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

- 5.1.1.1 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.
- 5.1.1.2 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.
- 5.1.1.3 Fixed Lump Sum: Under this compensation basis, the CONSULTANT agrees to perform specifically described Services for an agreed fixed dollar amount of compensation.

5.1.1.4 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 rate without application of any multiplier 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 2.1 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 Manager	\$85.00
Assistant Project Manager	\$75.00
Senior Engineer	\$80.00
Professional Engineer	\$70.00
Staff Engineer	\$60.00
Design/ Engineer Technician	\$36.49

Clerical/ Administrative	\$29.12
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***Hourly Flat Rate**

The maximum FLAT rate of compensation for all other office personnel, not listed above, including the multiple of Direct Salaries shall not exceed **(\$242.25)** per hour. The Owner reserves the right to adjust the maximum rate.

JOB CLASSIFICATION	MAXIMUM RAW RATES
Senior Field Representative	\$57.14
Assistant Field Representative	\$45.24

The maximum rate of compensation for all field personnel, not listed above, including the multiple of Direct Salaries shall not exceed **\$120.00** per hour. The Owner reserves the right to adjust the maximum 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.

- 5.1.5 The CONSULTANT shall not be entitled to compensation for Phases 3A through 4 (30% Contract Documents through Bidding) for alternates required because of the failure of the CONSULTANT to design the Project so that it may be constructed within the total established construction budget.

- 5.1.6 No further progress payment will be made should the Probable Construction Cost of any phase exceed the budget until an alternate design is provided in accordance with Article 4.

- 5.1.7 Payments of the Phase 5 Work-Related Services through Final Acceptance of the Project Fee, shall be made in monthly installments. The amount of each monthly installment payment shall be determined by increasing the Construction Contract Time for completion of all work for the project, as stated in the Service Order in calendar days by 20% then dividing the calculated number of days by thirty (30) days/month and rounding up to the next integer. This integer will be the number of months over which the Work Related Services Fee will be paid. If the Work is completed on time or ahead of schedule, all remaining Work- elated Services through Final Acceptance of the Project monies shall be paid to the CONSULTANT in a lump sum.

5.1.7.1 In the event that Prolonged Period of Work-Related Services, Phase 5, of Basic Services becomes necessary, payment for the Prolonged Period of Construction Contract Administration shall be the same amount as the monthly installment payment for Work Related Services through Final Acceptance of Project. Payments for prolonged Period of Work Related Services, shall begin once the original contract time has been exceeded by 20% if such extended time is due to no fault of the CONSULTANT. For Prolonged Periods of Work Related Services which do not exceed the original Contract time by 20%, the CONSULTANT shall not be entitled to additional compensation and shall

provide such services in such period pursuant to payments authorized in Section 5.1.7 above. For purposes of illustration, if the original contract duration was 100 days, the CONSULTANT would be entitled to additional payments pursuant to this Section 5.1.7.1 only for Services rendered from day 121 forward.

- 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 HUNDRED THOUSAND DOLLARS (\$200,000.00)**, 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 **FIVE THOUSAND AND FIVE HUNDRED DOLLARS (\$5,500.00)**. 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 **TOTAL AUTHORIZED AMOUNT FOR THIS AGREEMENT:** The Total Authorized Amount for this Agreement is **TWO MILLION TWO HUNDRED AND FIVE THOUSAND AND FIVE HUNDRED DOLLARS (2,205,500.00)**. 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.

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 CONSULTANTCONSULTANT, 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 Basic 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.
- 7.7 Fees paid to the certifying body for LEED project registration and certification will be reimbursed at the Green Building Certification Institute (GBCI) member rates. All LEED expedited project reviews will be approved in advance by the Owner.

ARTICLE 8

SPECIAL PROVISIONS

8.1 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.

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

Provide the necessary support to operate, maintain, monitor, and upgrade MDAD’s utility infrastructure at all MDAD Facilities.

Provide MDAD with the necessary support to meet regulatory compliance requirements as the Sanitary Sewer Evaluation Study (SSES) and Peak Flow Study as mandated by Chapter 24 of the Miami-Dade County Code and regulated by the Regulatory and Economic Resources (RER) Department – Division of Environmental Resources Management (DERM).

Provide MDAD with the necessary support to comply with the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) and Sanitary Sewer Annual reports and program, and updating and maintaining the Sanitary Sewer Master Plan for MDAD Facilities.

The service will include collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, update the future modeling scenarios, update the master plan document, review, and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues.

Miami International Airport’s wastewater collection and transmission system services the passenger terminals, cargo, and ancillary facilities. The system consists of thirty-seven (37) pump stations throughout the airport and one (1) booster pump station. The collection system consists of over ten (10) miles of gravity sewers ranging from 4 to 18 inches in diameter and the force main network includes over twenty (20) miles of pressurized pipes ranging from 4 to 20 inches in diameter.

The Consultant shall provide at its own cost, the software, hardware, personnel, and training to utilize BIM (Building Information Modeling) methodology throughout the duration of this project. All work and development involving BIM shall comply with the MDAD BIM Standards Manual (BIM Manual).

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 Pursuant to Article 8.10, the contract measures for this Agreement is:

Small Business Enterprise (SBE – A/E) 10% Goal

- 8.4 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.

- 8.5 Pursuant to Article 2.1, the Consultant shall be furnished with the following documents, or access thereto, as referenced in Basic Services: Design Guidelines Manual, Design Deliverables Requirements Manual, Construction Inspection Manual.

Additionally, the information to be furnished by the Owner will be delineated in each Service Order. The Owner will furnish the information to the Consultant no later than forty-five (45) days from the issuance of each Service Order.

- 8.6 The Consultant shall consider the future impacts of sea level rise that may be addressed during design considerations.

- 8.7 Pursuant to Article 4.2.1, the Consultant shall furnish or cause to be furnished architectural services; engineering services, including all civil, structural, electrical, mechanical, plumbing, HVAC, and fire protection; interior design; signage and graphics; maintenance of traffic; safety plans; environmental, including removal and disposal of contaminated soils/water, asbestos abatement, erosion controls, Storm Water Pollution Prevention Plan (SWPPP) provisions, and preliminary application for the dewatering permits; lighting communications; landscape design; industrial design; people movers; baggage conveyors; as well as related other apron facilities; services related to passenger boarding bridges, fueling, Preconditioned Air, 400HZ, Visual Guidance Docking Systems (VGDS); simulation and Building Information Modeling (BIM).

- 8.8 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.

- 8.9 **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.

- 8.10 The CONSULTANT is required under this Agreement to achieve a Small Business Enterprise (SBE) Goal in accordance with the Contract Measures applied to this Project as shown below and the attached Certification of Assurance (Exhibit 4) as presented in the Consultant's Proposal for the Project.

The Director may declare the Consultant in default of this agreement for the failure of the Consultant to comply with the requirements of this paragraph.

The contract measures for this Agreement is:

Small Business Enterprise (SBE – A/E) 10% Goal

8.11 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.

8.12 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 8** of this Agreement. 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)



Hazen and Sawyer, D.P.C

Legal Name of Corporation

ATTEST:

Secretary: Robert B. Taylor, PE
Signature and Seal

By: Jayson Page, PE, Vice President
CONSULTANT Signature

Robert B. Taylor, PE
Type Name

Jayson Page, PE, Vice President
Type Name & Title

CONSULTANT (INDIVIDUAL, PARTNERSHIP, OR JOINT VENTURE)

Hazen and Sawyer, D.P.C

Legal Name

Witness: Christopher L. Kish, PE By:

Signature

Witness: Elizabeth A. Waters, PE By:

Signature

FEIN _____

MIAMI-DADE COUNTY BOARD OF COUNTY COMMISSIONERS

By: _____
Mayor

ATTEST: Luis G. Montaldo,
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 Manager:

Individuals with 10 years of experience in developing and maintaining a sanitary sewer collection and transmission master plan and associated computer modeling and the design of sanitary sewer systems. Responsible for the overall management of projects and coordination with Sub-consultants. Registration as an Engineer is desirable, but not required.

Assistant Project Manager:

Individual providing support to the Project Manager with similar responsibilities as described above.

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.

Professional Engineer: Provide engineering support for utility master plans and civil engineering projects. Registration with Florida State board of Professional Engineer is required.

Staff Engineer

Individuals with experience in developing and maintaining a sanitary sewer collection and transmission master plan and associated computer modeling. Bachelor's degree in engineering, architecture, construction, or related field required. Registration with the Florida Board of Architects is not required.

Senior Field Representative:

Provide field oversight support and inspection of civil projects. Provide field documentation with observations and adherence to project documents.

Assistant Field Representative:

Contract No. E23AV03

U.S. Green Building Council, and the required I.O. 8-8 Prescriptive Path elements.

The LEED AP shall develop and implement an LEED Certification Plan to monitor and document progress during design and construction. Implementation shall include, but not be limited to, the following throughout all Phases: (a) coordinate and verify selected materials, actions, and systems are project-appropriate and meet the LEED credit criteria requirements; (b) collect, organize, and prepare documents required for LEED certification and performance verification; and (c) register the Project with USGBC, providing follow-through in attaining the required level of LEED certification. The LEED AP shall submit the LEED worksheet, including the pursued credits, to the Office of Resilience Sustainability Manager before reaching 30% design completion for feedback and incorporation. The LEED AP is also responsible for coordinating with the Office of Resilience to provide the finalized LEED scorecard and documentation for certification.

Contract No. E23AV03

EXHIBIT 2

PRINCIPALS OF THE CONSULTANT

Contract No. E23AV03



Hazen and Sawyer
999 Ponce de Leon Boulevard, Suite 1150
Coral Gables, FL 33134 • 305.443.4001

September 20, 2024

Juliana Manjarres, CPSM
Aviation Contracts Analyst
Miami-Dade Aviation Department
4200 NW 36th Street
Miami, FL 33166

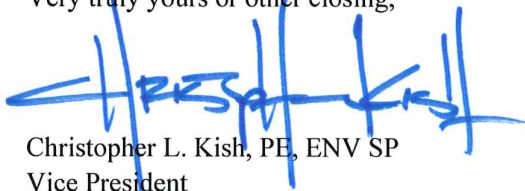
Re: Principal of Consultant

Dear Mrs. Manjarres:

As per your request please see below:

Alan L. Stone (President)
4011 WestChase Boulevard, Suite 500
Raleigh, NC 27607
919-755-8569
astone@hazenandsawyer.com

Very truly yours or other closing,

A handwritten signature in blue ink, appearing to read "CRISTIAN KISH". The signature is stylized with large, sweeping loops and is positioned above the printed name and title.

Christopher L. Kish, PE, ENV SP
Vice President

EXHIBIT 3

CRITICAL PERSONNEL (Refer to Sub-article 3.20)

Contract No. E23AV03

Hazen *Memorandum*

September 16, 2024

To: Juliana Manjarres, CPSM, Aviation Contract Analyst
Miami-Dade Aviation Department
305-869-3010
JManjarres@FlyMIA.com

Re: Miami-Dade Aviation Department Contract No. E23AV03 – Critical Personnel

Critical Personnel

Project Director:

Jayson J. Page, PE
Vice President
999 Ponce de Leon Boulevard, Suite 1150
Coral Gables, FL 33134
Phone: 305-443-4001
Email: jpage@hazenandsawyer.com

Project Manager:

Christopher L. Kish, PE
Vice President
999 Ponce de Leon Boulevard, Suite 1150
Coral Gables, FL 33134
Phone: 305-443-4001
Email: ckish@hazenandsawyer.com

Deputy Project Manager:

Ethan Hejn
Senior Associate
4000 Hollywood Boulevard, 750N, North Tower
Hollywood, FL 33021
Phone: 954-987-0066
Email: ehajn@hazenandsawyer.com

EXHIBIT 4

CERTIFICATE OF ASSURANCE, WORKSHEET, SBE UTILIZATION PLAN

Contract No. E23AV03



SMALL BUSINESS DEVELOPMENT CERTIFICATE OF ASSURANCE

SMALL BUSINESS PARTICIPATION ON COUNTY A&E AND DESIGN/BUILD PROJECTS

This completed form must be submitted with proposal documents by all proposers on a Miami-Dade County project with Small Business Enterprise ("SBE") program measure(s).

Project No.: Solicitation PM-E23AV03 Project Title: E23AV03 Sanitary Sewer Master Plan for MDAD
 Name of Proposer: Hazen and Sawyer FEIN 13-2904652
 Address: 999 Ponce de Leon Boulevard, Suite 1150 City Coral Gables State FL ZIP 33134
 Telephone Number: 305-443-4001 Email address: ckish@hazenandsawyer.com

The proposer is committed to meeting the established SBE measure(s) assigned to this project:

10 % SBE-A/E, _____ % SBE-Con, _____ % SBE-G, and/or _____ % SBE-S.
 (For Goals, write in the percentage. For Set-aside, put a check mark or x.)

To satisfy the requirements for Step 1 – Proposal Submittal and Compliance with Small Business Enterprise Program Measure(s), the following is required:

1. Acknowledge the SBE program measure(s) (i.e., SBE-Architecture & Engineering, SBE-Construction, SBE-Goods and/or SBE-Services) established for this project via this Certificate of Assurance.
2. Acknowledge and confirm that there is an established relationship with the certified Miami-Dade County Small Business Enterprise firm(s) to be subcontracted to achieve the established SBE program measure(s) as indicated in the Project Documents.
3. Acknowledge that all SBE-A/E firms are properly listed on the Letter of Qualifications or Form 8DB submitted, as applicable, as part of the proposal documents and will be utilized, if selected to provide services based on their approved technical certification(s) required for the project.

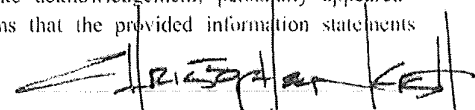
To satisfy the requirements for Step 2 – Proposal Evaluation and Recommendation for Award, please attest that:

I understand that my company will be deemed non-compliant and not eligible to be considered for an award if I fail to (1) submit this Certificate of Assurance with my proposal documents, or (2) complete the Utilization Plan listing all certified Miami-Dade County SBEs to be subcontracted to satisfy the project's established SBE measure(s) via the County's Business Management Workforce System ("BMWS"), within the specified time frame, upon email notification from Small Business Development ("SBD") or BMWS. Each SBE-A/E sub-consultant listed on the Letter of Qualifications or Form 8DB, as applicable, must confirm their sub-contractual relationship (i.e., work to be performed, and the value or percentage of said work) in the Utilization Plan via BMWS, for approval by SBD.

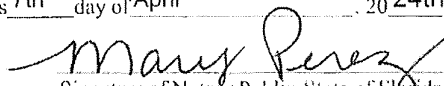
STATE OF FLORIDA

COUNTY OF MIAMI-DADE

BEFORE ME, an officer duly authorized to administer oaths and take acknowledgement, personally appeared Christopher Kish, PE, ENV SP, Vice President, who being first sworn deposes and affirms that the provided information statements are true and correct to the best of his/her knowledge information and belief.


 Proposer's Signature (Owner/Officer)

SWORN TO and subscribed before me this 7th day of April, 2024th


 Signature of Notary Public-State of Florida

My Commission Expires: February 22, 2026



Revised 10/19



Small Business Development Division

Project Worksheet

Project/Contract Title: Sanitary Sewer

Received Date: 8/14/2023

Project/Contract No: E23AV03

Funding Source: MDAD Operating Budget

Department: Aviation

Estimated Cost of Project/Bid: \$2,205,500.00

Description of Project/Bid: The project will consist of complying with the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities. The service will include collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, update the future modeling scenarios, update the master plan document, review, and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues.

Miami International Airport's wastewater collection and transmission system services the passenger terminals, cargo, and ancillary facilities. The system consists of thirty-seven (37) pump stations throughout the airport and one (1) booster pump station. The collection system consists of over ten (10) miles of gravity sewers ranging from 4 to 18 inches in diameter and the force main network includes over twenty (20) miles of pressurized pipes ranging from 4 to 20 inches in diameter.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	SBE-A&E	10.00%
Reasons for Recommendation		
SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE/A&E)		
SBD reviewed this project pursuant to Implementing Order 3-32 for SBE-A&E measures. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications and funding source. Additional factors were not conducted with certified firms to determine availability an assignment of the noted measure. An analysis of the factors contained in implementing Order 3-32 indicates a 10% SBE-A&E Sub-consultant goal is appropriate for TCC 15.01 - Surveying and Mapping - Land Surveying.		
Total Project Cost: \$2,205,500.00		
This project is exempt from Responsible Wages due to it being an SBE-A&E.		
MDC-TCC 04-01 ENGINEERING DESIGN, MDC-TCC 06-01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION, MDC-TCC 15-01 Surveying and Mapping - Land Surveying		
Small Business Contract Measure Recommendation		
Subtrade	Category	
Surveying and Mapping	SBE-A&E	

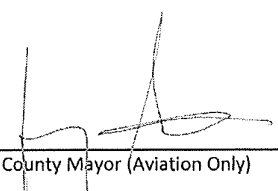
Living Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Building: YES ☐ NO ☒


County Mayor (Aviation Only)

8/24/23

Date

Utilization Plan: View Plan

View the details of the submitted Utilization Plan below. This Utilization Plan can be withdrawn until the organization begins their review. After a decision has been made on the plan it can no longer be withdrawn.

Withdraw Utilization Plan

[User Manual](#) [Refresh](#)

Utilization Plan Summary

ORGANIZATION	Miami-Dade County
PROPOSAL	E23AV03: Sanitary Sewer
REFERENCE	Sanitary Sewer
PHASE	Original, version 0
STATUS	 Submitted, Pending Review
NOTIFICATION DATE	4/29/2024 by Gayna McDonald
DUE DATE	5/6/2024 5:00 pm US/Eastern
SUBMISSION DATE	5/6/2024 by JAYSON J. PAGE
ASSIGNED CONTACT	Christopher Kish (Coral Gables, FL) 

The assigned contact person will receive all related notices; any user in this account will be able to view, edit, and submit the utilization plan.

Utilization Plan Information

Utilization Plan Information

ESTIMATED BID / TRANSACTION AMOUNT	\$2,205,500
STAFF COMMENTS	Please submit the consultants/sub-consultants scheduled to meet the 10% SBE-A&E measure. Should you have any questions please contact me at (305) 375-3135. Regards Gayna Mc Donald

Subcontractor Information

[Show Certification Types Recognized for this Utilization Plan](#)

Prime Contractors

Prime Contractor	Cert	Inc in Goal	\$ Total	\$ Self Perf	\$ For Credit	Actions
P Hazen and Sawyer, P.C.	No	No	\$2,205,500	\$1,984,950 90.00%	-	View

Subcontractors

Subcontractor Name	Sub Tier	Cert	Inc in Goal	Type	\$ Commit	\$ Self Perf	\$ For Credit	Confirmed	Actions
1 Delta Consultants LLC MDC-TCC 06-01: WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION	1			Sub SBE 100% - A&E	\$99,248 4.50%	\$99,248 4.50%	\$99,248 4.50%		View
1 GEOSOL, INC. MDC-TCC 09-01: DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02: GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	1			Sub SBE 100% - A&E	\$11,028 0.50%	\$11,028 0.50%	\$11,028 0.50%		View
1 Robayna and Associates, Inc. MDC-TCC 06-01: WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION MDC-TCC 15-01: Surveying and Mapping - Land Surveying	1			Sub SBE 100% - A&E	\$110,275 5.00%	\$110,275 5.00%	\$110,275 5.00%		View

Waiver Request Details (if applicable)

Goal & Waiver Summary

Goal Type	Goal	Plan	Status	\$ to Reach Goal	Waiver Status
Overall Goal	10.00%	10.00%	Met goal		
Bid Preference	0.00%	0.00%	Met goal		

DBE	0.00%	0.00%	Met goal
SBD Goal	0.00%	0.00%	Met goal
SBE - A&E	10.00%	10.00%	Met goal
SBE - Con	0.00%	0.00%	Met goal
SBE - Goods	0.00%	0.00%	Met goal
SBE - Services	0.00%	0.00%	Met goal
Selection Factor	0.00%	0.00%	Met goal
Trade Set Aside	0.00%	0.00%	Met goal

Signature

SIGNATURE	Christopher Kish
TITLE	Vice President
ORGANIZATION	Hazen and Sawyer, P.C.
SIGNATURE DATE	5/6/2024

[Customer Support](#)

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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.]**

Contract No. E23AV03

AFF-2

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

 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. E23AV03

MDC120

Exhibit 5

FEDERAL AVIATION ADMINISTRATION (FAA) PROVISIONS

Contract No. E23AV03

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, (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or handicap 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);
- 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 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- g) The Civil Rights Restoration Act of 1987, (PL 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 USC § 12101, *et seq.*) (prohibit discrimination on the basis of disability in the operation of public

Contract No. E23AV03

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.**

Contract No. E23AV03

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

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.

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:

- 1) The Contract requires procurement of \$10,000 or more of a designated item during the fiscal year; or
- 2) 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

Contract No. E23AV03

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

(Insert Here)

Contract No. E23AV03



MIAMI-DADE COUNTY – STRATEGIC PROCUREMENT DEPARTMENT (SPD)
SPD FORM NO. 9 – Fair Subcontracting Policies
(Section 2-8.8 of the Miami-Dade County Code)

FAIR SUBCONTRACTING PRACTICES

In compliance with Section 2-8.8 of the Miami-Dade County Code, the Proposer submits the following detailed statement of its policies and procedures for awarding subcontracts:

Hazen and Sawyer has notified, invited, provided information to, and met with all subcontractors in accordance with Section 2-8.8 of the Miami-Dade County Code.

I hereby certify that the foregoing information is true, correct and complete.

Signature of Authorized Representative:

Title: Vice President

Date: 09/19/2024

Proposer's Name: Christopher L. Kish

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)

Contract No. E23AV03

MDC127

State of Florida

Department of State

I certify from the records of this office that HAZEN AND SAWYER, P.C. is a New York corporation authorized to transact business in the State of Florida, qualified on October 18, 1978.

The document number of this corporation is 841657.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 12, 2024, 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 Twelfth day of January, 2024*



A stylized, handwritten signature in black ink, likely belonging to the Secretary of State, positioned above the title.

Secretary of State

Tracking Number: 6917077668CC

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

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

CERTIFICATE OF INSURANCE

Contract No. E23AV03



HAZE&SA-01

KSUTTON

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
8/26/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME:		
	PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279	
	E-MAIL ADDRESS: admin@amesgough.com		
INSURED Hazen and Sawyer 498 Seventh Avenue New York, NY 10018	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : American Casualty Co of Reading, PA A(XV)		20427
	INSURER B : National Fire Insurance Company of Hartford A(XV)		20478
	INSURER C : Continental Casualty Company (CNA) A, XV		20443
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:			7036845683	3/29/2024	3/29/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			7036845635	3/29/2024	3/29/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp./Coll. Ded \$ 1,000
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	7036845652	3/29/2024	3/29/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	☒ Professional Liab.			AEH008231489	3/29/2024	3/29/2025	Per Claim/Aggregate 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Contract No. E23AV03 - Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory Compliance for MDAD Facilities

Miami-Dade County, FL is included as additional insured with respect to General Liability and Automobile Liability when required by written contract. General Liability and Automobile Liability are primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and when required by written contract. General Liability, Automobile Liability, and Workers Compensation policies include a waiver of subrogation in favor of the additional insureds where permissible by state law and when required by written contract. 30-day Notice of Cancellation will be issued for the General Liability, Automobile Liability, Workers Compensation and Professional Liability policies in accordance with policy terms and SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

CANCELLATION

Miami-Dade County, FL Miami-Dade Aviation Department (MDAD) PO Box 025504 Miami, FL 33102	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

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