

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY *MM/MGM 610 RW ABC R2022-1243*

Meeting Date: October 18, 2022 [] Consent [X] Regular [] Workshop [] Public Hearing

Submitted By: Department of Airports

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Amendment No. 9 to the General Consulting Agreement with AECOM Technical Services, Inc. (AECOM) for Consulting/ Professional Services in the amount of \$976,819 for the continued performance of professional planning and design services related to the approved Palm Beach County Airports Capital Improvement Program.

Summary: The Consulting Agreement with AECOM for general airport planning and design was approved by the Board on March 12, 2019 (R-2019-0301) in the amount of \$828,984.74 in order to carry out the approved Capital Improvement Programs for the County's Airports. Amendment No. 1 was approved by the Board on August 20, 2019 (R-2019-1160) increasing the amount of the contract by \$1,032,651.29. Amendment No. 2 was approved by the Board on February 4, 2020 (R-2020-0079) increasing the amount of the contract by \$1,753,356.78. Amendment No. 3 was approved by the Board on June 16, 2020 (R-2020-0639) increasing the amount of the contract by \$885,789.10. Amendment No. 4 was approved by the Board on October 6, 2020 (R-2020-1514) increasing the amount of the contract by \$1,789,325 and modified Article 21, Access and Audits, of the agreement. Amendment No. 5 was approved by the Board on February 9, 2021 (R-2021-0233) exercising the first one (1) year renewal option. Amendment No. 6 was approved by the Board on August 17, 2021 (R-2021-1160) increasing the amount of the contract by \$1,583,691.58. Amendment No. 7 was approved by the Board on February 8, 2022 (R-2022-0134) increasing the amount of the contract by \$1,763,111.51 and exercising the second and final, one (1) year renewal option. Amendment No. 8 was approved by the Board on June 7, 2022 (R-2022-0573) increasing the amount of the contract by \$1,727,453.97. Approval of Amendment No. 9 will provide an additional \$976,819 to complete the following tasks: Task I Services – Additional Noise Analyses to Support Strategic Planning at Palm Beach International Airport (PBI); Disadvantaged Business Enterprise (DBE) Program Outreach Services; PBI Bridge Repairs Construction Management (CM)/ Construction Administration (CA)/ Resident Project Representative (RPR) Services; PBI Drainage Repairs CA/RPR Services; PBI Landside Security Improvements; and Task III Services – Deliverable(s) as required in accordance with specific Task Authorizations. Work to be completed under these Task III Services will be issued in accordance with PPM CW-F-050, by way of a separate proposal or task authorization. AECOM is a Dallas, Texas based firm; however, the majority of the work to be completed in this agreement will be completed and/or managed through their West Palm Beach and Tampa, Florida offices in conjunction with several Palm Beach County-based sub-consultants and firms. A Disadvantaged Business Enterprise (DBE) goal of 18% was set for this contract. AECOM committed to 18% in its proposal. The anticipated DBE participation based upon the previous approved tasks is approximately 22.32%. The DBE participation for this Amendment is 21.60%. Pursuant to changes to Chapter 332, Florida Statutes, effective October 1, 2020, a governing body of a commercial service airport may not approve purchases of contractual services in excess of the Category Five threshold amount of \$325,000 provided in Section 287.017, Florida Statutes, on a consent agenda. This amendment exceeds the threshold amount and must be approved on the regular agenda.

Countywide (AH)

Background and Policy Issues: (continued on Page 3)

Attachments:

- 1. Amendment No. 9 with AECOM Technical Services, Inc. – 2 Originals
- 2. DBE Goal Information

Recommended By: *And Laura Burke* Department Director Date *10-3-22*
Approved By: *W Baker* County Administrator Date *10/4/22*

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2023	2024	2025	2026	2027
Capital Expenditures	\$ 976,819	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues (Grants)	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	\$ 976,819	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes X No _____
 Does this item include the use of federal funds? Yes _____ No X

Budget Account No: Fund 4111 Department 121 Unit A107 Object 6505
 Reporting Category _____

JH

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Funds are available in the above referenced account. Funding consists of Airport Local funding of \$976,819.

C. Departmental Fiscal Review: *Debbiehuncanson*

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Lore Marie 9/23/2022
 OFMB *9/23/22*

Dr. J. J. J. J. J. 9/30/22
 Contract Dev. and Control

B. Legal Sufficiency:

Anne Adelant 10/4/22
 Assistant County Attorney

C. Other Department Review:

 Department Director

REVISED 11/17

(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT)

Background and Policy Issues: (continued from Page 1)

In order to carry out the approved Capital Improvement Program for the County, the Department of Airports requires professional planning and design engineering services. This agreement is for 2 years with 2 one (1) year renewal options. This amendment allows for the continuation of services necessary for the development and operation of the County's airport system.



AECOM Technical Services, Inc. 213 593 8100 tel
300 South Grand Avenue 213 593 8730 fax
9th Floor
Los Angeles, CA 90071
www.aecom.com

SECRETARY'S CERTIFICATE

AECOM TECHNICAL SERVICES, INC.
a California corporation

I, Charles F. Szurgot, DO HEREBY CERTIFY that I am the duly elected and acting Secretary of AECOM Technical Services, Inc., a corporation organized under the laws of the State of California ("ATS" or "Corporation"), and the keeper of its records and corporate seal.

I FURTHER CERTIFY that ATS's full legal address is c/o CT Corporation System, 818 West 7th Street, Los Angeles, CA 90017-0000 and that the Corporation's principal place of business is 300 South Grand Avenue, 9th Floor, Los Angeles, California 90071.

I FURTHER CERTIFY that pursuant to the Written Consent of the Board of Directors of ATS, adopted on October 8, 2018, and attached hereto as Exhibit A, Andrew Kacer has signatory authority for ATS and is authorized to execute contracts and other documents on behalf of the Corporation.

IN WITNESS WHEREOF, I have subscribed my name and affixed the seal of the Corporation, this 18th day of January, 2019.

Charles F. Szurgot
Secretary



**UNANIMOUS ACTION OF THE BOARD OF DIRECTORS
OF
AECOM TECHNICAL SERVICES, INC.**

The undersigned, being all the members of the Board of Directors of AECOM TECHNICAL SERVICES, INC. (the "Corporation"), a California corporation, hereby take the following action:

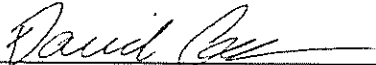
RESOLVED: That the previous elections of Signatories and Supplemental Signatories of the Corporation dated August 23, 2018, be superseded in its entirety; and

RESOLVED: That, in addition to all Senior Vice Presidents and above as set forth in Article IX, Section 16 of the Restated By-Laws as amended, the following U.S. based persons are designated with authority by the Board of Directors to execute contracts and other legal documents on behalf of the Corporation within the boundaries of specific Regions and Business Lines as noted and effective as of the dates set forth below:


Effective October 8, 2018:

Last Name	First Name	Region	Area/Market Sector	Business Line
Kacer	Andrew	Southeast	Greater Florida	Transportation

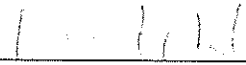
IN TESTIMONY WHEREOF, all the Directors have hereunto set their hands this 8th day of October, 2018.



David Gan



Jeffrey P. Rosenbaum



Timothy Keener

**AMENDMENT NO. 9 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
AECOM TECHNICAL SERVICES, INC.
FOR
GENERAL CONSULTING SERVICES
AT
PALM BEACH COUNTY AIRPORTS**

This Amendment No. 9 to the Contract is made as of the _____ day of OCT 18 2022, 2022, by and between Palm Beach County, Florida (COUNTY) and AECOM TECHNICAL SERVICES, INC., a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal Tax I.D. number is 95-2661922.

WITNESSETH

WHEREAS, on March 12, 2019, the County entered into an Agreement (R2019-0301) with the Consultant for the Consultant to provide General Airport Consulting Services for the Palm Beach County Department of Airports, for a period of two (2) years, with two (2) one (1)-year renewal options, the exercise of which are within COUNTY'S sole control and discretion; and

WHEREAS, on August 20, 2019, the County entered into an Amendment No. 1 (R2019-1160) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on February 10, 2020, the County entered into an Amendment No. 2 (R2020-0079) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on June 16, 2020, the County entered into an Amendment No. 3 (R2020-0639) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on October 6, 2020, the County entered into an Amendment No. 4 (R2020-1514) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on February 9, 2021, the COUNTY entered into an Amendment No. 5 (R2021-0233) with the CONSULTANT to exercise the first one (1) year renewal option for the continuation of services and to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on August 17, 2021, the County entered into an Amendment No. 6 (R2021-1160) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on February 8, 2022, the COUNTY entered into an Amendment No. 7 (R2022-0134) with the CONSULTANT to exercise the final one (1) year renewal option for the continuation of services and to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on June 7, 2022, the County entered into an Amendment No. 8 (R-2022-0573) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, Article 25 of the Contract requires an amendment when the parties are able to define additional services and the parties have now defined those services;

NOW THEREFORE, in consideration of the mutual covenants herein contained, and such other good and valuable consideration, the receipt of which the parties hereby acknowledge, the parties agree to the following terms and conditions:

1. The parties hereby agree to amend the Contract to include the Scope of Services and Fees as outlined in Exhibit A. The total amount to be paid by the COUNTY to the CONSULTANT for professional services, including any out of pocket expenses, shall not exceed Nine Hundred Seventy Six Thousand Eight Hundred Nineteen Dollars (\$976,819) for the services in Amendment No. 9 to the original Contract.
2. Except as specifically amended herein, all other terms and conditions of the Contract shall remain in full force and effect.

{Remainder of page intentionally left blank.}

IN WITNESS WHEREOF, the parties have caused the Ninth Amendment to the Contract to be signed by the Mayor of the Board of County Commissioners and the Seal of said Board to be fixed hereto and attested by the Clerk of said board, and the CONSULTANT, AECOM TECHNICAL SERVICES, INC., has caused these presents to be signed in its corporate name by its duly authorized officer Andrew Kacer, Vice President, acting on behalf of said CONSULTANT, and the Seal of said CONSULTANT to be affixed hereto and attested by the Secretary of said CONSULTANT, the day and year first written above.

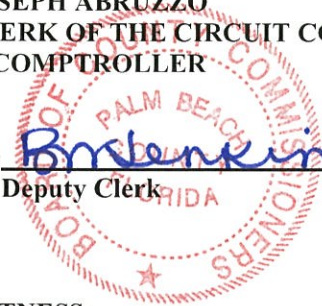
R2022 1243 OCT 18 2022

ATTEST:

PALM BEACH COUNTY, FLORIDA
BOARD OF COUNTY COMMISSIONERS

JOSEPH ABRUZZO
CLERK OF THE CIRCUIT COURT
& COMPTROLLER

By: *B. Jenkins*
Deputy Clerk



By: *[Signature]*
Robert S. Weinroth, Mayor

WITNESS:

Clint
Martin

Digitally signed by Clint Martin
DN: cn=Clint Martin, c=US,
ou=AECOM,
email=clint.martin@aecom.com
Date: 2022.09.16 16:39:49 -04'00'

SIGNATURE

CONSULTANT:

AECOM Technical Services, Inc.
COMPANY NAME

Clint Martin

Name (type or print)

Andrew Kacer

Digitally signed by Andrew Kacer
DN: C=US,
E=andy.kacer@aecom.com,
O=AECOM, CN=Andrew Kacer
Date: 2022.09.16 16:39:00-04'00'

Signature

Andrew Kacer

Name (type or print)

Vice President

Title

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

BY: *Anne Helzlsouer*
County Attorney

APPROVED AS TO TERMS
AND CONDITIONS

By: *[Signature]*
Department Director

AMENDMENT NO. 9 INDEX

CERTIFICATE OF INSURANCE

EXHIBIT A: AMENDMENT NO. 9

- | | |
|-------------|------------------------------------------------------------------------------------------------|
| EXHIBIT A-1 | Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBI A |
| EXHIBIT A-2 | Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23 |
| EXHIBIT A-3 | Task I-22-PBI-A-079: PBI Bridge Repairs CM/CA/RPR Services |
| EXHIBIT A-4 | Task I-22-PBI-A-080: PBI Drainage Repairs CA/RPR Services |
| EXHIBIT A-5 | Task I-22-PBI-A-081: PBI Landside Security Improvements |

EXHIBIT B: DETAILED FEES, EXPENSES AND PAYMENTS

EXHIBIT B-I Summary of Fees

EXHIBIT B-II Schedule of Payments

EXHIBIT C: PROPOSED SCHEDULES

EXHIBIT D: DBE

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



CERTIFICATE OF INSURANCE



Palm Beach County Compliance Summary Report

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX0000660	AECOM Technical Services Inc.	Modified	Compliant					DOA 18-1	Consulting Professional Services
		A++g, XV	ACE American Insurance Company	ISAH25564959	4/1/2022	4/1/2023	Auto Liability		
		A++g, XV	ACE American Insurance Company	HDOG7248974	4/1/2022	4/1/2023	General Liability		
		A++g, XV	Illinois Union Insurance Company	EONG21654693005	4/1/2022	4/1/2023	Professional Liability		
		A++g, XV	ACE American Insurance Company	SCFC68926440	4/1/2022	4/1/2023	Workers Comp		
		A++g, XV	ACE American Insurance Company	wlrc68926324	4/1/2022	4/1/2023	Workers Comp		
		A++g, XV	Indemnity Insurance Company of North America	WLCRC68926361	4/1/2022	4/1/2023	Workers Comp		

Risk Profile :

Standard - Professional Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :

EXHIBIT A

This Amendment No. 9 is in accordance with the Contract (Agreement R-2019-0301) for Consultant/Professional Services between Palm Beach County (COUNTY) and AECOM Technical Services, Inc. (CONSULTANT) dated March 12, 2019.

- | | |
|-------------|------------------------------------------------------------------------------------------------|
| EXHIBIT A-1 | Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBIA |
| EXHIBIT A-2 | Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23 |
| EXHIBIT A-3 | Task I-22-PBI-A-079: PBI Bridge Repairs CM/CA/RPR Services |
| EXHIBIT A-4 | Task I-22-PBI-A-080: PBI Drainage Repairs CA/RPR Services |
| EXHIBIT A-5 | Task I-22-PBI-A-081: PBI Landside Security Improvements |

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT A-1

PALM BEACH COUNTY DOA GENERAL CONSULTING SERVICES

EXHIBIT A-1

Miscellaneous Architectural, Planning, Engineering, and Construction Services

Palm Beach County Department of Airports

Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBI A

OVERVIEW

The Palm Beach County Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (AECOM) to provide professional engineering services to develop the Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBI A Project (Project).

PROJECT TEAM

The Project Team for this task includes:

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (AECOM)	Project/Task Management
Harris Miller Miller & Hanson Inc. (HMMH)	Noise Planning

SCOPE OF WORK

Harris Miller Miller & Hanson Inc. (HMMH), working under AECOM, includes a scope of work to begin development on various noise analyses in support of strategic planning (Phase 2) to the DOA at Palm Beach International Airport (PBI A). Phase 1 of this work effort is being completed under the Task III-22-PBI-A-089: HMMH Noise Analyses to Support Strategic Planning Efforts at PBI A Project. These Phase 2 tasks are described in greater detail in the attached HMMH scope.

Deliverables

Task 1:

- Flight track graphics: four figures depicting jet and non-jet arrival and departure model flight tracks
- DNL contour map, with underlying land use
- Tables summarizing noise impacts at noise-sensitive locations
- Population and housing counts

Task 3:

- Exhibits depicting changes in DNL throughout the Study Area
- Tables summarizing expected changes in noise level at noise-sensitive locations

Task 5:

- Memorandum summarizing Section 106 and 4(f) screening methodology and results

Task 6:

- Memorandum summarizing recommended Outreach Plan

Task 7:

- Statement of Work for follow-on NEPA analyses and documentation

Schedule

This proposal is for assistance through January 15, 2023. If additional support is required beyond that time, we will re-evaluate and/or amend this task.

Table B
Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-22-PBIA-077: Additional Noise Analyses to Support Strategic Planning at PBIA

Billing Rate:	\$	212	\$	247	\$	182	\$	120	\$	89	\$	90
---------------	----	-----	----	-----	----	-----	----	-----	----	----	----	----

Task Description (Scope of Work)	Labor Estimate (Hours)										Fee Estimate (\$)		
	Senior Structural Engineer	Senior Project Manager	Senior CADD Designer	Design Manager	Project Engineer	Clerical	Total	Labor	Expenses	Total			
Coordination and Task Management	0	8	0	0	0	24	32	\$ 4,136	\$ 0	\$ 4,136.00			
Total Fee - AECOM Technical Services, Inc.	0	8	0	0	0	24	32	\$ 4,136	\$ 0	\$ 4,136.00			

Subconsultant Fees	
HMMH	
T&M	\$ 63,472.00
LS	\$ 60,748.00
Expenses	\$ 2,080.00
Total Fee - Subconsultants	\$ 126,300.00

Lump Sum	\$ 64,884.00
T&M	\$ 63,472.00
Expenses	\$ 2,080.00
Total	\$ 130,436.00

Total Fee - Subconsultants	\$ 126,300.00
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 130,436.00

Prepared by: AECOM Technical Services, Inc.



September 16, 2022

Andrew Kacer
AECOM Technical Services, Inc.
7650 W. Courtney Campbell Causeway
Tampa, FL 33607-1462Address

Re: HMMH Proposal to Provide Additional Noise Analyses to Strategic Planning Efforts at PBI

Dear Mr. Kacer,

This letter presents a scope of work and budget for HMMH to prepare various noise analyses in support of strategic planning to the Department of Airports at Palm Beach International Airport (PBI). Two of these tasks are already underway as part of an earlier approved task order. This assignment will be completed as a subcontractor to AECOM under the on-call agreement (DOA 18-1) with the Palm Beach County Department of Airports (DOA).

PROPOSED SCOPE OF SERVICES

We have identified seven tasks to support this effort, including: (1) preparation of 2021 Annual Noise Contours, (2) development of flight track graphics, (3) screening of noise conditions for 2026, (4) Environmental Justice screening, (5) Section 106 Screening, (6) development of a NEPA outreach plan, and (7) development of NEPA Scope of Work. These tasks are discussed in detail below.

Task 1. Prepare 2021 DNL Contours

HMMH will complete the development of DNL contours for 2021, including updated land use mapping, and population/housing counts using 2020 US Census data. This task was started under an earlier task order.

HMMH has obtained Calendar Year (CY) 2021 operations and flight track data from EnviroSuite, the DOA's ANOMS provider. Using the ANOMS flight track data, HMMH will complete the development of model flight tracks representing the latter half of 2021 for use in AEDT. HMMH will use the existing AEDT model tracks developed in 2020 for operations between Jan 1 to August 12, 2021; HMMH will use the newly developed tracks from the ANOMS data to represent metroplex tracks for operations from August 13 to December 31, 2021.

HMMH will update the graphical templates and land use mapping to reflect most recent available data. Population counts on the 2021 DNL contour intervals will be based on 2020 US Census data. HMMH will prepare exhibits depicting the 60-75 DNL noise contours, underlying land use, and jurisdictional boundaries as provided by the DOA and Palm Beach County staff. HMMH will prepare four (4) new figures depicting metroplex jet and non-jet arrival and departure model flight tracks modeled in AEDT. HMMH will provide all exhibits in electronic format, suitable both for printing and for presentation.

HMMH will complete the setup of AEDT Version 3e and run the model generating DNL contours for 2021.

Deliverables

- Flight track graphics: four figures depicting jet and non-jet arrival and departure model flight tracks
- DNL contour map, with underlying land use

- Tables summarizing noise impacts at noise-sensitive locations
- Population and housing counts

Task 2. Develop Flight Track Graphics for 2021 and 2022

This task was completed as part of the earlier task order.

Task 3. Prepare Future Planning Noise Analyses

HMMH will prepare noise analyses for two future (2026) planning scenarios: a No Action Scenario assuming current airport layout and an operational scenario (i.e., current runway use and use of dispersed departure headings); and a second Planning Scenario assuming implementation of the 2008 Master Plan Airport Layout Plan. HMMH will develop/assume the following for the analyses:

- **Operations and Fleet Mix** assumptions for 2026 will be provided by Ricondo
- **Flight tracks** for 2026 No Action Scenario will be the same as those prepared for the 2021 Annual Contours (Task 1), i.e., with implementation of Metroplex procedures and use of dispersed departure headings as traffic demands; Flight tracks for the Planning Scenario will assume reduced use of dispersed headings for departures on Runway 10L; flight tracks for Runway 10R/28L will be the same as for 10L/28R.
- **Runway use** assumptions for the No Action Scenario will be same as 2021; runway use for the Planning Scenario will be confirmed by Ricondo (presumed to be similar as 2008 Master Plan).

HMMH will use AEDT to prepare noise estimates for the following: (1) a uniform grid throughout the Study Area (see Task 4); (2) noise-sensitive locations, such as schools, churches, and historic sites (e.g., Mar-a-Lago). From these grid point estimates, HMMH will provide the following deliverables: (1) for the uniform grid, graphics depicting estimated *changes* in DNL throughout the Study Area as well as any areas newly exposed to DNL greater than 65 dB, and (2) tables of predicted DNL at each noise-sensitive location, including predicted *change* in noise level.

Deliverables

- Exhibits depicting changes in DNL throughout the Study Area
- Tables summarizing expected changes in noise level at noise-sensitive locations

Task 4. Prepare Environmental Justice Screening

The purpose of this task is to determine whether there are communities likely to be affected by the proposed project that would require additional consideration under federal Environmental Justice (EJ) provisions. Several steps are required to accomplish this task, as described below.

- **Determine EJ Study area:** One of the most important steps in preparing an EJ analysis for FAA is determining the appropriate study area. HMMH will work with DOA and the rest of the team to identify the most appropriate area for this analysis.
- **Identification of Affected EJ populations:** HMMH will identify any EJ communities within the affected study area, based on FOT/FAA guidance. HMMH will evaluate whether any of these communities are likely to experience disproportional environmental impacts as a result of the proposed project.
- **Sound Insulation Program Review:** HMMH will review sound insulation data from PBIA's residential sound insulation program and prepare a GIS database depicting those locations, so that they can be considered as part of the EJ analysis.

Deliverables

- Memorandum summarizing EJ screening methodology and results
- Memorandum summarizing status of sound insulation program implementation in EJ communities

Task 5. Section 106 and 4(f) Screening

HMMH will identify those locations that would need to be considered under special purpose laws such as DOT Section 4(f) and 106. These will be presented as stand-alone exhibits.

Deliverable

- Memorandum summarizing Section 106 and 4(f) screening methodology and results

Task 6. Develop Outreach Plan

HMMH will work with DOA and Ricondo to develop plan for EA outreach, including workshops, website, newsletter, etc. Depending on the results of Task 4, this outreach plan may include additional targeted outreach to EJ communities.

Deliverable

- Memorandum summarizing recommended Outreach Plan

Task 7. Develop EA SOW

HMMH will work with DOA and Ricondo to prepare a Statement of Work (SOW) for potential NEPA analyses of the project. The SOW would include: refining noise analysis to reflect a revised forecast and a range of alternatives, air quality analyses for same, implementation of a comprehensive public participation program, and NEPA documentation.

Deliverables

- Statement of Work for follow-on NEPA analyses and documentation

SCHEDULE

This proposal is for assistance through January 15, 2023. If additional support is required beyond that time, we will re-evaluate and/or amend this task.

BUDGET

HMMH will complete the labor for the above scope of work for Tasks 1,3 and 5 on a lump sum basis totaling \$60,748 and Tasks 4, 6, and 7 on a time and materials basis, not to exceed \$65,552. The total budget for all the tasks under this scope of work is \$126,300. A detailed breakdown of hours and expenses is shown in Table 1. This amount includes all labor, overhead, profit, materials, equipment, and travel expenses required to perform the work.

Sincerely yours,

Harris Miller Miller & Hanson Inc.



Robert Mentzer Jr.
Principal Consultant

Table 1. Detailed Budget Breakdown

TASKS	DOA 18-1 GEC RATES								TOTAL HOURS	Labor Cost by Task	Total ODCs by Task	GRAND TOTAL by Task
	\$348	\$263	\$195	\$159	\$126	\$111	\$105	\$82				
	HOURS BY PERSONNEL CLASSIFICATION											
No. Description	Supvisry Cons. I	Principal Cons. I	Principal Cons. II	Senior Cons. I	Senior Cons. III	Consitnt I	Consitnt II	Support II				
1 2021 DNL Contours			2	24	74		88		188	\$ 22,770	\$ -	\$ 22,770
2 Flight Track Graphics									0	\$ -	\$ -	\$ -
3 Noise Screening Future Scenario		14		24	48		96		182	\$ 23,626	\$ -	\$ 23,626
4 EJ Screening	8	16	24	24	40		40		152	\$ 24,728	\$ -	\$ 24,728
5 Section 106, 4(f) Screening	8			40	8		40		96	\$ 14,352	\$ -	\$ 14,352
6 Outreach Plan		32	40						72	\$ 16,216	\$ 1,040	\$ 17,256
7 NEPA SOW		56	40						96	\$ 22,528	\$ 1,040	\$ 23,568
	16	118	106	112	170	0	264	0	786	\$ 124,220	\$ 2,080	\$ 126,300
	\$ 5,568	\$ 31,034	\$ 20,670	\$ 17,808	\$ 21,420	\$ -	\$ 27,720	\$ -				

Expenses will comply with PBCDOA expense allowances.

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT A-2

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-2

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach County Department of Airports (DOA)
Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach
Services 2022/23

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (CONSULTANT) provide services for the Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23 (Project).

PROJECT TEAM

The Team for the Project will consist of:

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	Contract management
Chandler Campbelle & Daschele (CC&D) (SUBCONTRACTOR)	DBE Outreach services

PROJECT OBJECTIVE AND APPROACH

This project will include providing outreach services for the Palm Beach County Department of Airports (DOA) in regard to the DOA ACDBE/DBE Programs, the DOA business opportunities and County's EBO Program (including trade associations, chambers of commerce, etc.). The services will be performed by CC&D under the direction of the DOA, and these services are outlined in the attached detailed scope.

Exhibit B-1

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23

Billing Rate:		\$ 340	\$ 181	\$ 247	\$ 120	\$ 107	\$ 90					
Task Description	Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23	Labor Estimate (Hours)						Fee Estimate (\$)				
		Principal	OC Reviewer	Senior Project Manager	Construction Manager	Project Engineer	Planner	Clinical	Total	Labor	Expenses	Total
1.0	Task Management and Coordination	0	0	8	0	10	0	40	58	\$6,776	\$0	\$6,776
	Total	0	0	8	0	10	0	40	58	\$6,776	0	\$6,776
Total Fee - AECOM Technical Services, Inc.												
1 Total Subconsultant Fee - Chandler Campbell & Datschke (LS)		\$ 44,000								\$50,776		
Total Subconsultant Fee - Chandler Campbell & Datschke (T&M)		\$ 30,250								\$30,250		
Total Subconsultant Fee - Chandler Campbell & Datschke (Exp)		\$ 2,750								\$2,750		
										\$63,776		
Total Fee - Subconsultants		\$ 77,000								\$ 77,000		
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES										\$ 83,776		

Prepared by: AECOM Technical Services, Inc.



CHANDLER
CAMPBELL
& DASCHLE

world class service

Palm Beach International Airport DBE & ACDBE Support Services Scope Of Work

Task 1: Monthly Outreach Services

\$39,600 Lump Sum (\$3,300/mo.)

\$2,750 Expenses

CC&D will develop, implement and manage an outreach program under the direction of, and in coordination with, the DOA for the purpose of encouraging participation and awareness of the Disadvantaged Business Enterprise Program and Equal Opportunity Program, associated construction, professional services, goods and services and concession opportunities, which shall include, at a minimum the following services ("Outreach Services"):

- Conducting a minimum of ten (10) outreach meetings at the DOA offices (or other available County facility) per year, which should include the following:
 - Certification requirements for the DBE Program, addressing the benefits of certification and processes and procedures.
 - Upcoming DOA business opportunities.
 - Business networking sessions.
 - Marketing and business development.
 - Contracting with government, including procurement resources.
 - Working with prime contractors.
 - Bonding and insurance; and
 - Access to capital and credit.
- Promoting outreach meetings by direct notification to small/minority/women-owned/disadvantaged businesses within Palm Beach, Broward and Miami Dade Counties utilizing available directories, trade organizations and other similar organizations; coordination with prime contractors for scheduling of networking sessions; and providing the DOA with information materials for website posting and meeting handouts.
- Providing small/minority/women-owned business organizations with information regarding the DOA ACDBE/DBE Program, DOA business opportunities and the County's EBO Program (including trade associations, chambers of commerce, etc.).
- Attending meetings of small/minority/women-owned business organizations to provide information regarding the DOA ACDBE/DBE Program, DOA business opportunities and the County's EBO Program (including trade associations, chambers of commerce, etc.).

401 North Rosemary Ave.
West Palm Beach, Florida 33401

ccdglobal.org
info@ccdglobal.org



CHANDLER
CAMPBELL
& DASCHLE

world class service

- Participating in local small/minority/women-owned conferences and meetings to provide information about upcoming DOA business opportunities and to encourage participation in such opportunities.
- Identifying eligible non-certified firms interested in participating in DOA business opportunities and performing directed outreach to encourage interested firms to become ACDBE / DBE certified.
 - Providing small/minority and women-owned firms interested in participating in DOA business opportunities with guidance on the applicable DBE & ACDBE certification processes and procedures, bonding requirements, funding sources, training opportunities, procurement resources, etc.; and
 - Staffing the DOA's vendor table at the annual Palm Beach Partners Business Matchmaker Conference & EXPO to provide information regarding the DBE & ACDBE Program and DOA project opportunities to attendees.
 - Attending DOA solicitation meetings upon request.
 - Providing a written Outreach Program, including the elements provided for in this Task 1 and a calendar of activities for each month of service, for review and approval of the DOA.
 - Identifying and coordinating with speakers to participate in outreach meetings.
 - Providing and updating event calendar(s) for posting.
 - Preparing materials to be used in connection with the Outreach Services, including meeting presentations, handouts, sign-in sheets, participant surveys, etc. Copies of all materials shall be provided to the DOA for prior review and approval.
 - CC&D shall provide a written monthly report documenting the Outreach Services performed in the preceding month to the DOA, which shall include a detailed log of hours and expenses incurred by each employee. All expenses shall be documented in accordance with County policies and procedures and applicable laws.

Task 2 Supportive Services.

\$19,250 T&M

- CC&D will offer certification review services to small/minority/women-owned businesses interested in performing work on DOA projects as a DBE/ACDBE certified firm. Individual certification review services shall consist of identifying outstanding items required for submission and

401 North Rosemary Ave.
West Palm Beach, Florida 33401

ccdglobal.org
info@ccdglobal.org



CHANDLER
CAMPBELL
& DASCHLE

world class service

providing general guidance on certification processes, procedures and submission requirements.

- Services to assist with the County's EBO Program certification and review should be coordinated with that office directly.
- CC&D shall provide a written monthly report to the DOA documenting the number of applications reviewed, the name and contact information of the firms assisted, the type of certification(s) being sought; the results of any applications submitted; and any other documentation reasonably requested by the DOA regarding the services provided.
- All expenses shall be documented in accordance with County policies and procedures and applicable laws.

Task 3 Quarterly Educational Services.

\$4,400 Lump Sum (\$366.66/mo)

CC&D will develop, implement and manage an educational program under the direction of, and in coordination with, the DOA for the purpose of educating airport tenants, concessionaires, service providers, contractors and employees about their obligations under the Title VI of the Civil Rights Act, which shall include the following services ("Educational Services"):

- Conducting four (4) quarterly educational meetings at the DOA offices per year, covering the following topics:
 - Responsibilities of all airport tenants, concessionaires, service providers, contractors and employees under Title VI to ensure nondiscrimination in their activities and programs, including participation in the DOA's Limited English Proficiency Plan ("LEP Plan");
 - Responsibilities of all airport tenants, concessionaires, service providers, contractors and employees to ensure that their programs, services and facilities are accessible to all individuals with disabilities under the ADA;
 - Sensitivity training to provide guidance on how to effectively and appropriately interact with individuals with disabilities or those with limited English proficiency; and
 - Information regarding how to access LEP Plan resources.
- Providing a written Educational Program, including the elements provided for in this Task 3 and a calendar of activities for review and approval of the DOA.
- Identifying and coordinating with local speakers to participate in educational meetings where appropriate, including advocacy groups.

401 North Rosemary Ave.
West Palm Beach, Florida 33401

ccdglobal.org
info@ccdglobal.org



CHANDLER
CAMPBELLE
& DASCHLE

world class service

- Preparing materials to be used in connection with the Educational Services, including meeting presentations, handouts, sign-in sheets, participant surveys, voice/audio recordings and or other requested accommodations, etc. Copies of all materials shall be provided to the DOA for prior review and approval.
- CC&D shall provide a written quarterly report to the DOA documenting the Educational Services performed in the preceding quarter, which shall include a detailed log of hours for each employee and expenses incurred. All expenses shall be documented in accordance with County policies and procedures and applicable laws.

Task 4 Staff Extension Services.
\$11,000 T&M

CC&D will provide on-call staff extension services, on an as-needed basis, related to the ACDBE/DBE Program(s) and the Title VI Civil Rights Program, upon the request of DOA staff.

Exhibit B-1
 Labor/Fee Estimate Summary - Task I-22-DOA-A-078 Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23

Billing Rate: \$ 125

Task Description	Program Manager				Fee Estimate (\$)			
	Total	LS	T&M	Exp	Total	Labor	Expenses	Total
Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23	594				594	\$ 74,250	\$ 2,750	\$ 77,000
1 Monthly Outreach Services (LS + Expenses)	316.8				316.8	\$ 39,600	\$ 2,750	\$ 42,350
2 Supportive Services (T&M)	154.0				154.0	\$ 19,250		\$ 19,250
3 Quarterly Educational Services (LS)	35.2				35.2	\$ 4,400		\$ 4,400
4 Staff Extension Services (T&M)	88				88	\$ 11,000		\$ 11,000
Total Fee	594				594	\$74,250	\$2,750	\$77,000

LS \$44,000
 T&M \$30,250
 Exp \$2,750
Total \$77,000

Prepared by: Chandler Campbelle & Daschele

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT A-3

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-3

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

Task I-22-PBI-A-079 PBI Bridge Repairs CM/CA/RPR Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested AECOM Technical Services, Inc. (AECOM) to develop this Task I-22-PBI-A-079 PBI Bridge Repairs CM/CA/RPR Services Project (Project) at Palm Beach International Airport (PBI). The scope of work for this Project includes providing Construction Management (CM), Construction Administration (CA), and Resident Project Representative Services (RPR) services for this Project.

PROJECT TEAM

The Project Team for the PBI Bridge Repairs construction services will consist of:

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	CM/CA/RPR Services

PROJECT OBJECTIVE AND APPROACH

This Project repairs miscellaneous deficiencies on bridges 1, 2, 3, 4, 5, 8 and 10 along James L. Turnage Blvd. Bridges at Palm Beach International Airport. The repairs for each of the seven (7) bridges along PBI James L Turnage Blvd were designed under the Task I-21-PBI-A-053: PBI James L Turnage Blvd Bridge Repairs Project.

Procurement shall consist of materials procurement and mobilization for a period of sixty (60) Calendar Days from the Notice to Proceed (NTP). Project construction will be for a period of three hundred and twenty (320) Calendar Days from the completion of the Procurement phase to substantial completion. Final acceptance shall be achieved within a period of Thirty (30) Calendar Days from the date of substantial completion.

Task I – CM/CA Services

AECOM will provide CA Services throughout the scheduled construction of this Project and will include the following:

- A. Conferences and Meetings: Attend and facilitate meetings between Owner, Contractor(s), and Stakeholders, such as preconstruction meeting, kick-off meeting, progress meetings (a maximum four (4) progress meetings during procurement and twenty three (23) bi-weekly construction progress meetings plus two (2) progress meetings during Final Close-out, job conferences and other project related meetings. Meeting Minutes for all formal meetings will be prepared by AECOM;
- B. Conformed Documents: Prepare (6) sets of Conformed Contract Plans and Specifications for Contract Execution. Prepare (6) sets of Executed Contract Documents for Construction, (3) for DOA, and (3) for the Contractor. Prepare a CD with Deliverables;
- C. Review Contractor's Maintenance of Traffic Plans;
- D. Review Contractor's Critical Path Schedule;
- E. Shop Drawings: Review and approve shop drawings prior to the beginning of construction activities. Develop and maintain a log that summarizes status of all shop drawings;
- F. clarification of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries;
- G. Records: Maintain electronic files of correspondence, meeting minutes, shop drawings and Contract Documents including all work directive changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract, clarifications and interpretations of the Contract Documents, progress reports and other project related documents.
- H. Payment Requests: Review applications for payment with quantities observed and forward recommendations to the DOA;
- I. AECOM will be responsible for preparation, processing, review and document control of Change Orders, Field Instructions, Field Bulletins, Construction Change Proposals and Directives, and Notices of Non-Compliance;
- J. Task Management and Coordination: Coordinate as needed with DOA Operations and other Project stakeholders;
- K. AECOM will review Contractor the Record Documents for completeness and obvious errors based on readily available information to the AECOM. The AECOM will provide comments prior to acceptance of the Contractor's Record Documents;
- L. AECOM will use all readily available information including the Contractor's As-builts to prepare Record Drawings for the completed work; and
- M. Project Close-out Activities: AECOM will prepare Certificate of Substantial Completion, and other Project related Close-out activities.

Task II – RPR Services

As Part of this task, AECOM will perform the following services as part of RPR:

- A. AECOM will perform Pre-Construction Inspection and take photographs of the Project Site in collaboration with the Contractor and the DOA to document existing site conditions.
- B. CONSULTANT will review Contractor Daily Reports;
- C. RPR Services: CONSULTANT will provide full-time on-site observations of the quality and progress of the contractor's work in order to determine if the construction is proceeding in accordance with the Contract Documents. The

RPR's efforts will be directed toward determining whether the constructed project conforms to the Contract Documents. These RPR Services will include developing Daily Reports, monitoring the Contractor's progress, serving as the Owner's liaison with the Contractor, and conducting on-site observations of the construction activities in progress to assist in determining if the work is being carried out in compliance with the Contract Documents;

- D. Periodic Inspection Services: AECOM construction manager and EOR will provide periodic inspections (bi-weekly inspections total of twenty-three (23) inspections);
- E. Interpretation and AECOM will review Guarantees, Warranties, Certifications, and Operation & Maintenance Manuals provided by the Contractor;
- F. Substantial and Final Completion: Conduct substantial and final completion inspection in the company of the DOA, and develop a substantial and final punch list of items in conjunction with Owner to be completed or corrected; and,
- G. Provide Construction Support Services to DOA during the performance of the Project.
- H. RPR Vehicle and Mileage

PROJECT SCHEDULE

AECOM is scheduled to complete this project within 410 Calendar Days following receipt of the Notice to Proceed.

PROJECT DELIVERABLES

Project Deliverables are as described in the above-mentioned Tasks I and II.

PROJECT ASSUMPTIONS

1. AECOM shall not be responsible for the means, methods, techniques, sequences, procedures of construction or selection of materials selected by the Contractor or the safety precautions and programs incident to the work of the Contractor. AECOM shall not guarantee the performance of the Contractor nor be responsible for the acts, errors, omissions, or the failure of the Contractor to perform the construction work in accordance with the Contract Documents.
2. AECOM does not have the authority to prepare and/or issue NOTAMs and as a result, this task will be the responsibility of the DOA.
3. AECOM will perform all services listed in this scope of services and it is expected that the DOA will perform services that are not listed.
4. In the event that the DOA and the AECOM believe it to be in the best interests of the Project that additional construction engineering inspection services, or additional services beyond what is provided in this scope of work be provided by the AECOM, a separate Task Authorization, which specifies the proposed scope of services to be performed, will be prepared.
5. AECOM understands and agrees that the DOA shall have the responsibility for the general administration of the construction contract. AECOM shall not have the authority or responsibility to accept or reject work done by the Contractor and is only responsible for providing recommendations to the DOA based on the available information.

Exhibit B-3
 Labour Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-22-PBI-A-079 PBI Bridge Repairs CM/CARPR Services

Billing Rate: \$ 97 | \$ 212 | \$ 247 | \$ 182 | \$ 185 | \$ 120 | \$ 90

Task Description	Labor Estimate (Hours)										Fee Estimate (\$)		
	Resident Project Representative (RPR)	Senior Structural Engineer	Senior Project Manager	Construction Manager	Senior Engineer	Project Engineer	Clinical	Total	Labor	Expenses	Total		
1.0 CAOM SERVICES (LUMP SUM + EXP)													
A Pre-Construction Conference	0	56	34	263	360	56	28	797	\$143,976	\$0	\$143,976		
A Construction Team Meeting / Kick-Off Meeting		2	2	2	2	4		12	\$ 2,132		\$ 2,132		
A Bi-Weekly Progress, Pre-NTP, and Misc Meetings (29 Const Meetings) Includes Meeting Minutes		8	8	58	29	1		4	\$ 861		\$ 861		
B Prepare Confirmed and Executed Contract Documents		2	4	8	8	8		103	\$ 19,593		\$ 19,593		
C Review Contractor's OJ Plans			2	8				10	\$ 1,950		\$ 1,950		
C Review Contractor's Office Plans, Schedule		16	2	8	8			16	\$ 2,936		\$ 2,936		
D Review and Approve Shop Drawings and Submittals		16	2	40	80			138	\$ 25,966		\$ 25,966		
E Process Review and Approve Shop Drawings and Re-Submittals		8	2	46	80			154	\$ 29,606		\$ 29,606		
F Interpretation and Clarification of Contract Documents/RFI's		16	2	6	16			40	\$ 7,468		\$ 7,468		
G Establish and Maintain Project Records		4	2	16	16			40	\$ 7,468		\$ 7,468		
H Review Applications for Payment		4	4	2	4			16	\$ 3,014		\$ 3,014		
I Preparation of Change Orders, Notices of Non-Compliance etc...		4	4	2	2		24	30	\$ 5,712		\$ 5,712		
J Task management and Co-ordination		4	4	2	2			16	\$ 3,014		\$ 3,014		
K As Built Review		4	4	2	2			16	\$ 3,014		\$ 3,014		
L Prepare Record Drawings		4	4	2	2			16	\$ 3,014		\$ 3,014		
M Project Closeout		4	4	2	2			16	\$ 3,014		\$ 3,014		
2.0 RPR SERVICES (TAM plus EXP)													
A Pre-Construction Inspection & Photographs	648	58	1	264	202	640	0	1,513	\$237,617	\$20,000	\$257,617		
B Review Contractor Daily Reports	8			8				16	\$ 2,232		\$ 2,232		
C Full Time Inspections (20 calendar days 40 hours per week times 70% (RPR split with P Engineer (50%/50%))	640			24				24	\$ 4,368		\$ 4,368		
D Periodic Inspections (twenty three (23) hour bi-weekly inspections)		58			58	640		1,280	\$ 138,880	\$ 20,000	\$ 158,880		
E Review Guarantees, Warranties, Certifications, and O&M Manuals			1					203	\$ 38,660		\$ 38,660		
F Substantial and Final Completion Inspection								2	\$ 429		\$ 429		
G Construction Support Services								224	\$ 41,104		\$ 41,104		
G RPR Vehicle and Mileage								32	\$ 5,872		\$ 5,872		
Total Fee - AECOM Technical Services, Inc.	648	114	35	527	562	696	28	2,610	\$ 381,593	\$ 20,000	\$ 401,593		

Subconsultant Fees Task 1.0	\$
1	\$
Total	\$401,593.00

Total Fee - Subconsultants	\$
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 401,593.00

Prepared by: AECOM Technical Services, Inc.

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT A-4

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-4

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

Task I-22-PBI-A-080 PBI Drainage Repairs CA/RPR Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested AECOM Technical Services, Inc. (AECOM) to develop this Task I-22-PBI-A-080 PBI Drainage Repairs CA/RPR Services Project (Project) at Palm Beach International Airport (PBI). The scope of work for this Project includes providing Construction Administration (CA) and Resident Project Representative Services (RPR) services for this Project.

PROJECT TEAM

The Project Team for the drainage repairs will consist of:

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	CA/RPR Services
Tierra South Florida, Inc. (Tierra)	Material Testing

PROJECT OBJECTIVE AND APPROACH

This Project addresses drainage concerns at various locations throughout PBI. The areas that will be repaired as part of this Project are included in the Base Bid (Work Areas 5A, 7, and 9) and the Additive Alternate No. 1 (Work Area 6). The work in these areas consist of stabilizing existing erosion, fabriform revetment, and a new concrete headwall.

Procurement shall consist of materials procurement and mobilization for a period of sixty (60) Calendar Days from the Notice to Proceed (NTP). Project construction will be for a period of fifty-six (56) Calendar Days from the completion of the Procurement phase to substantial completion. Final acceptance shall be achieved within a period of Thirty (30) Calendar Days from the date of substantial completion.

Task I – CA Services

AECOM will provide CA Services throughout the scheduled construction of this Project and will include the following:

1. Conferences and Meetings: Attend meetings between Owner, Contractor(s), and Stakeholders, such as preconstruction meeting, kick-off meeting, progress meetings (a maximum of four (4) weekly construction progress meetings), job conferences

- and other project related meetings. Meeting Minutes for all formal meetings will be prepared by the DOA;
2. Conformed Documents: Prepare (6) sets of Conformed Contract Plans and Specifications for Contract Execution. Prepare (6) sets of Executed Contract Documents for Construction, (3) for DOA, and (3) for the Contractor. Prepare a CD with Deliverables;
 3. Review Contractor's Maintenance of Traffic Plans;
 4. Review Contractor's Critical Path Schedule;
 5. Review Contractor's Security Plans;
 6. Shop Drawings: Review and approve shop drawings prior to the beginning of construction activities. Develop and maintain a log that summarizes status of all shop drawings;
 7. Interpretation and clarification of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries;
 8. Records: Maintain electronic files of correspondence, meeting minutes, shop drawings and Contract Documents including all work directive changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract, clarifications and interpretations of the Contract Documents, progress reports and other project related documents.
 9. Payment Requests: Review applications for payment with quantities observed and forward recommendations to the DOA;
 10. Periodic Inspection Services: AECOM construction manager and EOR will provide periodic inspections (bi-weekly inspections);
 11. AECOM will be responsible for preparation, processing, review and document control of Change Orders, Field Instructions, Field Bulletins, Construction Change Proposals and Directives, and Notices of Non-Compliance;
 12. Task Management and Coordination: Coordinate as needed with FAA, DOA Operations, and other Project stakeholders;
 13. AECOM will review Contractor the Record Documents for completeness and obvious errors based on readily available information to the AECOM. The AECOM will provide comments prior to acceptance of the Contractor's Record Documents;
 14. AECOM will use all readily available information including the Contractor's As-builts to prepare Record Drawings for the completed work; and
 15. Project Close-out Activities: AECOM will prepare Certificate of Substantial Completion, and other Project related Close-out activities.

Task II – RPR Services

As Part of this task, AECOM will perform the following services as part of RPR:

1. RPR Services: CONSULTANT will provide part-time, a maximum of 120 hours of on-site observations (assume 10 hours for 8 Mondays and also night work) of the quality and progress of the contractor's work in order to determine if the construction is proceeding in accordance with the Contract Documents. The RPR's efforts will be directed toward determining whether the constructed project conforms to the Contract Documents. These RPR Services will include developing Daily Reports, monitoring the Contractor's progress, serving as the

Owner's liaison with the Contractor, coordinating materials testing, and conducting on-site observations of the construction activities in progress to assist in determining if the work is being carried out in compliance with the Contract Documents;

2. AECOM will review Guarantees, Warranties, Certifications, and Operation & Maintenance Manuals provided by the Contractor;
3. Substantial and Final Completion: Conduct substantial and final completion inspection in the company of the DOA, and develop a substantial and final punch list of items in conjunction with Owner to be completed or corrected; and,
4. Provide Construction Support Services to DOA during the performance of the Project.

PROJECT SCHEDULE

AECOM is scheduled to complete this project within 120 Calendar Days following receipt of the Notice to Proceed.

PROJECT DELIVERABLES

Project Deliverables are as described in the above-mentioned Tasks I and II.

PROJECT ASSUMPTIONS

1. AECOM shall not be responsible for the means, methods, techniques, sequences, procedures of construction or selection of materials selected by the Contractor or the safety precautions and programs incident to the work of the Contractor. AECOM shall not guarantee the performance of the Contractor nor be responsible for the acts, errors, omissions, or the failure of the Contractor to perform the construction work in accordance with the Contract Documents.
2. AECOM does not have the authority to prepare and/or issue NOTAMs and as a result, this task will be the responsibility of the DOA.
3. AECOM will perform all services listed in this scope of services and it is expected that the DOA will perform services that are not listed.
4. In the event that the DOA and the AECOM believe it to be in the best interests of the Project that additional construction engineering inspection services, or additional services beyond what is provided in this scope of work be provided by the AECOM, a separate Task Authorization, which specifies the proposed scope of services to be performed, will be prepared.
5. AECOM understands and agrees that the DOA shall have the responsibility for the general administration of the construction contract. AECOM shall not have the authority or responsibility to accept or reject work done by the Contractor and is only responsible for providing recommendations to the DOA based on the available information.

Exhibit B-2

Labor Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-22-PBI-A-060 PBI Drainage Repairs CARPR Services

Billing Rate: \$ 97 \$ 181 \$ 247 \$ 182 \$ 120 \$ 90

Task Description	Labor Estimate (Hours)				Fee Estimate (\$)			
	Senior Project Manager	Construction Manager	Project Engineer	Clerical	Total	Labor	Expenses	Total
1.0 CONSTRUCTION ADMINISTRATION SERVICES (LUMP-SUM + REIM)								
A Pre-Construction Conference	11	69	68	5	161	\$ 275,333	\$ 0	\$ 275,333
B Construction Team Meeting / Kick-Off Meeting	1	2	2		5	\$ 851		\$ 851
C Weekly Progress Meetings (4 Const. Meetings)	1	8	4		13	\$ 302		\$ 302
D Prepare Contract and Executed Contract Documents	2	1	4		7	\$ 2,183		\$ 2,183
E Review Contractor's MOT Plans	1	1	4		6	\$ 1,271		\$ 1,271
F Review Contractor's Critical Path Schedule	2	2			4	\$ 429		\$ 429
G Review Contractor's Safety and Security Plans	2	2			4	\$ 364		\$ 364
H Process Review and Approve Shop Drawings and Submittals	1	8	8		19	\$ 1,626		\$ 1,626
I Periodic Inspections (four (4) hour bi-weekly inspections)	1	4	4		9	\$ 3,025		\$ 3,025
J Interpretation and Clarification of Contract Documents/RFIs	1	16	16		33	\$ 1,455		\$ 1,455
K Establish and Maintain Project Records	1	4	8		13	\$ 4,832		\$ 4,832
L Review Applications for Payment	1	1	1		3	\$ 1,935		\$ 1,935
M Preparation of Change Orders, Notices of Non-Compliance etc...	2	2	2		6	\$ 302		\$ 302
N As Built Review	2	2		4	8	\$ 851		\$ 851
O Prepare Record Drawings	1	1	1		3	\$ 1,218		\$ 1,218
P Project Closeout	4	1	6		11	\$ 302		\$ 302
Q Pre-Construction Inspection & Photographs		2	2	1	5	\$ 694		\$ 694
R Review QA-Survey Results		2			2	\$ -		\$ -
S Review Guarantees, Warranties, Certifications, and O&M Manuals	1	1			2	\$ 364		\$ 364
T Substantial and Final Completion Inspection		4	4		8	\$ 429		\$ 429
U Construction Support Services		4	4		8	\$ 1,208		\$ 1,208
1 RFR SERVICES (T&M)								
A Part Time Inspections (160 hours maximum)	0	0	160	0	160	\$ 19,200.00	\$ 5,000.00	\$ 24,200.00
Total Fee - AECOM Technical Services, Inc.								
	11	69	228	5	321	\$ 44,533.00	\$ 5,000.00	\$ 49,533.00

Subconsultant Fees Task 1.0	
1	Tierra South Florida, Inc. (T&M)
	LS \$ 275,333.00
	TM \$ 26,885.00
	EXP \$ 5,000.00
	Total \$ 57,218.00

Total Fee - Subconsultants	\$ 7,685.00
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 57,218.00

Prepared by: AECOM Technical Services, Inc.



August 8, 2022

Mr. Andy Kacer, P.E.
AECOM
7650 West Courtney Campbell Causeway
Tampa, Florida 33607
Email: andy.kacer@aecom.com
Phone: 352-634-4363

**Re: Proposal for Construction Materials Testing Services
Miscellaneous Drainage Repairs
Palm Beach International Airport
West Palm Beach, Florida
TSF Proposal No.: 2208-464**

Dear Andy:

TIERRA SOUTH FLORIDA (TSF), Inc. is pleased to submit the proposal for providing Construction Material Testing Services for the above referenced project in Palm Beach County, Florida.

Our proposal is based on construction documentation provided to this office. We understand that the project will include miscellaneous drainage repairs. Work elements include but not limited to placement of new riprap, fabriform revetment, and a new concrete headwall.

The following scope of services will be required at this project:

- Density tests (using nuclear density methods) on backfill along with representative Proctor tests, gradation, Atterberg Limits and organic content tests.
- Concrete testing for headwall, and miscellaneous.

TSF will provide experienced technical personnel to perform the necessary testing services in accordance with the project specifications. We propose to accomplish the scope of our services on a unit rate basis in accordance with the attached fee breakdown. TSF's fees will be determined by the actual amount of technical time expended for this project and the amount of laboratory testing performed.

TSF's laboratory and personnel fully comply with the standards of ASTM, ACI, AASHTO, AISC, AWS, FDOT, and FAA standards. Our laboratory maintains CMEC and FDOT certification and is staffed by experienced and certified field and laboratory personnel. In addition, we are currently

PBIA Miscellaneous Drainage Repairs
TSFGeo Proposal No. 2208-464

providing similar services in vicinity airports and are very familiar with the general site conditions as well as the local construction practices.

ESTIMATED COST

We proposed to accomplish the above services on a rate schedule basis using the attached rates for an estimated amount of **\$7,685.00**

We appreciate the opportunity to offer our services for your project. Should you have any questions or need additional information, do not hesitate to contact me at (561) 687-8536.

Respectfully submitted,

TSFGeo



R. Morgan Dickinson, P.E.
Principal Engineer
FL. Registration No. 37557



Stephen Hey
CS Department Manager

Attachments: Unit Fee Schedule

**Fees Breakdown for
Construction Materials Testing Services**

I. Laboratory Testing Services

Concrete Tests, 10 tests @ \$140.00/set	\$1,400.00
Moisture-Density (Modified Proctor Test), 2 tests @ \$105.00/each	\$ 210.00
Grain Size, 2 tests @ \$65.00/each	\$ 130.00
Atterberg Limits, 2 tests @ \$75.00/each	\$ 150.00
Organic Content Tests, 2 tests @ \$35.00/each	<u>\$ 70.00</u>

SUBTOTAL: \$1,960.00

II. Construction Services-Soil and Concrete Testing

Engineering Technician –15 trips (Minimum 5 tests per trip) @ \$125.00/trip	\$ 1,875.00
Additional Density Tests – beyond 5 per trip, 24 tests @ \$25.00/test	\$ 600.00
Senior Engineering Technician – 20 hours @ \$75.00/hour	<u>\$ 1,500.00</u>

SUBTOTAL: \$ 3,975.00

III. Professional Services

Project Manager, 10 hours @ \$175.00/hour	<u>\$ 1,750.00</u>
-------------------------------------------	--------------------

SUBTOTAL: \$ 1,750.00

TOTAL CONSTRUCTION MATERIALS TESTING SERVICES: \$ 7,685.00

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT A-5

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-5

Task I-22-PBI-A-081: PBI Landside Security Improvements

Palm Beach International Airport (PBI)

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (AECOM or CONSULTANT) provide professional services for Task I-22-PBI-A-081: PBI Landside Security Improvements Project (Project). AECOM will develop Construction Documents (CDs) to be utilized for bidding purposes.

PROJECT OBJECTIVE AND APPROACH

AECOM will develop CDs for proposed security improvements to various landside facilities at PBI. These proposed improvements are based on data transmitted to AECOM by the DOA IT personnel on August 9, 2022. The CDs will provide sufficient information for the Contractor to provide security improvements at the desired locations, and to expand the existing Genetec Control system to accept the additions.

CONTRACT DOCUMENTS (90%) (Phase 1)

The following elements are included as part of this task:

- a) Kick-off meeting will be held with the DOA and Design Team at the beginning of this task, in order to discuss design objective and goals.
- b) 90% CDs will be developed.

During this phase, the 90% review meeting will be held with DOA and Design Team to evaluate the 90% CDs and our design intent. Any findings during this phase will be summarized and any changes to the project due to unforeseen conditions will be brought to the attention of the DOA.

Deliverables (Phase 1)

1. Kick-Off Meeting Minutes
2. 90% CDs (via pdf)
 - o Contract Drawings
 - o Estimate of Probable Construction Cost;
 - o Technical Specifications;
3. Meeting Minutes from the 90% Design Review Meeting.

CONTRACT DOCUMENTS (100%) (Phase 2)

Following the 90% CD submittal the AECOM Team will develop 100% CDs. These CDs will consist of the information contained in the 90% CDs, as well as incorporate any comments provided and by DOA or other authorized reviewers, as directed by DOA. The following elements are included as part of this task:

The 100% Contract Plans will include, but are not limited to:

1. Cover Sheet (100%).
2. Drawings Index / Summary of Quantities/General Notes (100%).
3. Floor Plans - (100%).
4. One Line Diagrams, Detail Sheet (100%).

As part of this phase, a 100% design review meeting will be held with DOA and Design Team to evaluate the proposed plans and design intent. Any findings during this phase will be summarized and any changes to the project due to unforeseen conditions will be brought to the attention of the DOA.

Deliverables (in pdf format) (Phase 2)

1. 100% CDs;
2. 100% Project Manual - Technical Specifications, Front Ends and FAA General Provisions;
3. 100% Project Cost Budget Estimates;
4. Meeting minutes from the 100% Review Meeting;

BIDDING AND AWARD OF CONTRACT DOCUMENTS (Phase 3)

After authorization to proceed with the Bidding Phase, CONSULTANT will assist the DOA in advertising for and obtaining bids for each separate prime contract for construction, materials, equipment and services; and, where applicable, maintain a record of prospective bidders to whom Bidding Documents have been issued, via the County's Vendor Self-Service Website. CONSULTANT will support the DOA in conducting a pre-bid to share pertinent bidding and technical information and requirements with prospective bidders; issue addenda as appropriate to interpret and clarify or expand the Bidding Documents during the Bidding phase; and attend the bid opening, prepare bid tabulation sheets and assist DOA in evaluating bids or proposals and in assembling and awarding contracts for construction, materials, equipment and services.

3.1 Meetings

The CONSULTANT will prepare for and attend the following meetings during this Phase:

- a. One (1) Pre-Bid Meeting; and,
- b. One (1) Bid Opening Meeting;

3.2 Deliverables

The CONSULTANT will deliver the following major Deliverables for this Phase:

- a. Four (4) sets of Bidding Documents;
- b. Electronic Bid Documents;

- c. Applicable Addenda during Bidding process;
- d. Pre-Bid Agenda and Meeting Minutes;
- e. Bid Tabulation of Bids; and,
- f. Bid Recommendation Letter for Award.

PROJECT SCHEDULE

AECOM anticipates submitting the 90% Contract Documents following 45 days after NTP. AECOM anticipates submitting the 100% Contract Documents following 75 days after NTP. The bidding process will be complete 90 days after the 100% CDs are submitted, for a total of 210 days after the NTP.

PROJECT ASSUMPTIONS

AECOM will perform all services listed in this scope of services and it is expected that the DOA will perform all other coordination's with PBI airport operations and related services that are not listed.

The following assumptions were made pertaining to the design approach for this project:

- Construction Administration and Resident Project Representative Services are not included in this scope of services. The CONSULTANT will gladly perform Construction Administration and Resident Project Representative Services via a separate task order.

Exhibit B-2

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-22-PBI-A-081: PBI Landside Security Improvements

Billing Rate: \$ 181 \$ 247 \$ 171 \$ 185 \$ 120 \$ 89 \$ 90

Task Description	Labor Estimate (Hours)										Fee Estimate (\$)		
	QC Reviewer	Senior Project Manager	Elec Engineer	Design Manager	Project Engineer	Senior CHOD Designer	Clerical	Total	Labor	Expenses	Total		
Phase 1 CONTRACT DOCUMENTS (90% SUBMITTAL)	0	13	46	80	21	0	8	168	\$25,117	\$500	\$25,617		
Project Site Visit to Confirm Camera Locations			8	8	1			17	\$ 2,968	\$ 500	\$ 3,468		
Kick-Off Meeting		2	2	2	1			7	\$ 1,326		\$ 1,326		
90% Design Development Drawings: Cover Sheet (90%)					1			1	\$ 120		\$ 120		
Drawings Index / Summary of Quantities/General Notes (90%)			4	8	2			14	\$ 2,404		\$ 2,404		
Location Plan and Access to Site Plan		2			8			10	\$ 1,454		\$ 1,454		
Existing Conditions (90%)		1	4	4	4			9	\$ 1,671		\$ 1,671		
Camera Plans (90%)		1	8	32	4			45	\$ 8,015		\$ 8,015		
Camera Details, One Line Diagrams (90%)		1	2	8	2			12	\$ 2,062		\$ 2,062		
90% Technical Specifications		1	4	4	2			9	\$ 1,671		\$ 1,671		
90% Project Construction Cost Estimate		1	4	4	4			12	\$ 2,108		\$ 2,108		
ISO 9001 - QA/QC Review		1	2	2	2			5	\$ 959		\$ 959		
90% Review Meeting		4	2	2	2			14	\$ 2,050		\$ 2,050		
Task Management							6	6	\$ 892		\$ 892		
Phase 2 CONTRACT DOCUMENTS (100% SUBMITTAL)	0	3	30	50	6	0	2	91	\$16,021	\$0	\$16,021		
100% Design Development Drawings: Incorporate DOA 90% Comments			4	8				12	\$ 2,164		\$ 2,164		
Cover Sheet (100%)								0	\$ -		\$ -		
Drawings Index / Summary of Quantities/General Notes (100%)					2			2	\$ 240		\$ 240		
Existing Conditions (100%)			2	2	2			6	\$ 952		\$ 952		
Camera Plans (100%)		4	4	22	2			28	\$ 4,994		\$ 4,994		
Camera Details, One Line Diagrams (100%)			4	8				12	\$ 2,164		\$ 2,164		
100% Technical Specifications		2	2	2	2			4	\$ 712		\$ 712		
100% Project Construction Cost Estimate		1	2	2	2			5	\$ 959		\$ 959		
ISO 9001 - QA/QC Review		1	8	2	2			11	\$ 1,985		\$ 1,985		
100% Review Meeting		1	2	2	2			5	\$ 959		\$ 959		
Task Management							2	2	\$ 892		\$ 892		
Phase 3 - BIDDING AND AWARE	0	6	16	20	2	0	0	44	\$ 8,158	\$ 0	\$ 8,158		
Submit Bid Documents to DOA:								0	\$ -		\$ -		
Bid Drawings			2	4				6	\$ 1,082		\$ 1,082		
Bid Technical Specifications		2	2	2				4	\$ 712		\$ 712		
Final Updates Bid Front End Specifications & FAA General Provisions			2	2				4	\$ 712		\$ 712		
Bid Project Construction Cost Estimate			2	2				4	\$ 712		\$ 712		
Pri-Bid Conference		2	4	4				10	\$ 1,918		\$ 1,918		
Addenda		2	4	4				12	\$ 2,158		\$ 2,158		
Bid Recommendation Letter		2	2	2				4	\$ 864		\$ 864		
Total Fee - AECOM Technical Services, Inc.	0	22	92	150	29	0	10	303	\$3,296	\$ 500	\$ 3,796		

Lump Sum	\$ 53,296.00
T&M	\$ 500.00
Expenses	\$ 53,796.00

Total Fee - Subconsultants \$ -

GRAND TOTAL FEE - BASIC ENGINEERING SERVICES \$ 53,796.00

Prepared by: AECOM Technical Services, Inc.

EXHIBIT B:

DETAILED FEES, EXPENSES AND PAYMENTS

EXHIBIT B-I Summary of Fees

EXHIBIT B-II Schedule of Payments

EXHIBIT B-I SUMMARY OF FEES

Project	Lump Sum	T&M	Reimbursable Expenses	Total
TASK I SERVICES				
Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBI	\$64,884	\$63,472	\$2,080	\$130,436
Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23	\$50,776	\$30,250	\$2,750	\$83,776
Task I-22-PBI-A-079: PBI Bridge Repairs CM/CA/RPR Services	\$143,976	\$237,617	\$20,000	\$401,593
Task I-22-PBI-A-080: PBI Drainage Repairs CA/RPR Services	\$25,333	\$26,885	\$5,000	\$57,218
Task I-22-PBI-A-081: PBI Landside Security Improvements	\$53,296		\$500	\$53,796
TASK III SERVICES				
Task III: Deliverable(s) As required in accordance with specific Task Authorizations				\$250,000
TOTAL				\$976,819

EXHIBIT B-II SCHEDULE OF PAYMENTS

The Scope of Work to be completed by CONSULTANT as defined in Exhibit "A" consists of specific completion phases which shall be clearly identified upon submission to the COUNTY of certain "deliverables" as expressly indicated below. Compensation for the work tasks stated herein shall be in accordance with the following Schedule of Payments:

Tasks to Be Completed:

Project	Duration	Total
TASK I SERVICES		
Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBIA	3 Months	\$130,436
Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23	365 Days	\$83,776
Task I-22-PBI-A-079: PBI Bridge Repairs CM/CA/RPR Services	410 Days	\$401,593
Task I-22-PBI-A-080: PBI Drainage Repairs CA/RPR Services	120 Days	\$57,218
Task I-22-PBI-A-081: PBI Landside Security Improvements	210 Days	\$53,796
TASK III SERVICES		
Task III: Deliverable(s) As required in accordance with specific Task Authorizations	TBD	\$ 250,000.00
TOTAL		\$976,819

EXHIBIT C

PROPOSED SCHEDULES

Project	Duration
TASK I SERVICES	
Task I-22-PBI-A-077: Additional Noise Analyses to Support Strategic Planning at PBI	3 Months
Task I-22-DOA-A-078: Disadvantaged Business Enterprise (DBE) Program Outreach Services 2022/23	365 Days
Task I-22-PBI-A-079: PBI Bridge Repairs CM/CA/RPR Services	410 Days
Task I-22-PBI-A-080: PBI Drainage Repairs CA/RPR Services	120 Days
Task I-22-PBI-A-081: PBI Landside Security Improvements	210 Days
TASK III SERVICES	
Task III: Deliverable(s) As required in accordance with specific Task Authorizations	TBD

AECOM
AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591



EXHIBIT D

DBE

**SCHEDULE 1(A)
LIST OF PROPOSED DBE FIRMS
(Professional Services)**

LOI/SOQ Project Description: Airport General Consulting Change Order/Task/Amendment No. (if applicable): Amendment 9
 Name of Respondent: AECOM Technical Services, Inc. E-mail Address: Andy.Kacer@aecom.com
 Contact Person: Andrew Kacer
 Address: 7650 West Courtney Campbell Causeway, Tampa, FL 33607
 Phone No: (O) 813.636.2425 (C) 352.634.4363 Fax No: 813.287.8591

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification (Check applicable box)	Dollar Amount			
			Black	Hispanic	Women	Other (Please Specify)
Harris Miller Miller & Hanson Inc. 700 District Avenue, Suite 800 Burlington, NC 01803 (781) 229-0707	Noise Study	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____%	_____%	12.93_%	_____%
Tierra South Florida 2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411 (561) 687-8536	Geotechnical Services	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____%	_____%	_____%	Asian Pacific 0.79_%
Chandler, Campbell, & Daschle 401 North Rosemary Avenue West Palm Beach, FL 33401 (404) 643-9747	DBE Outreach	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	7.88_%	_____%	_____%	_____%
		<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____%	_____%	_____%	_____%
		<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____%	_____%	_____%	_____%

Total Percentage of DBE Participation: 21.60_%

- Notes:**
- The percentages listed on this form for each DBE Firm must be supported by the percentages included on Schedule 2(A), "Letter of Intent to Perform as a Disadvantaged Business Enterprise", in order to be counted toward attainment of the DBE goal.
 - Firms identified on this form must be certified as a DBE by the State of Florida's Unified Certification Program. Certification status can be verified on the Florida Department of Transportation's Biznet website at <https://www3.dot.state.fl.us/EqualOpportunityOffice/biznet/mainmenu.asp>.
 - If materials or supplies are proposed to be purchased from a DBE regular dealer, the undersigned acknowledges that only sixty percent (60%) of the proposed expenditure will be counted toward attainment of the DBE goal.

By signing this form the undersigned Respondent is committing to utilize the above referenced DBE Firms on the Project and that the Respondent will monitor the DBE Firms to ensure that the work is actually performed by the by the DBE Firms.

Andrew Kacer

By: _____ Date: 09/16/2022

Signature
Andrew Kacer - Vice President
 Print Name/Title of Person Executing on Behalf of the Respondent

SCHEDULE 2(A)
LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE
(Professional Services)

LOI/SOQ Project Description: Airport General Consulting

Change Order/Task /Amendment No. (if applicable): Amendment 9

Name of Prime Respondent: AECOM Technical Services, Inc

Name of DBE Firm: Tierra South Florida, Inc.

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black Hispanic Women Other (Please Specify) (Asian Pacific)
 Prime Consultant Subcontractor Manufacturer Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Geotechnical/Material Testing Services

(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: 0.79 %

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:

_____ % DBE Certified
(Name of Subcontractor) (Percentage of work to be subcontracted) Non-DBE

The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above.

Tierra South Florida, Inc.
Printed Name of DBE Subcontractor

By: 
Signature

Date: 8-8-2022

SCHEDULE 2(A)
LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE
(Professional Services)

LOI/SOQ Project Description: Airport General Consulting

Change Order/Task /Amendment No. (if applicable): Amendment 9

Name of Prime Respondent: AECOM Technical Services, Inc

Name of DBE Firm: Chandler Campbelle & Daschle LLC

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black Hispanic Women Other (Please Specify)
 Prime Consultant Subcontractor Manufacturer Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Small Business Outreach Services

(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: 7.88 %

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:

_____	_____ %	<input type="checkbox"/> DBE Certified
(Name of Subcontractor)	(Percentage of work to be subcontracted)	<input type="checkbox"/> Non-DBE

The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above.

Chandler Campbelle & Daschle LLC
Printed Name of DBE Subcontractor

By: Darrell Searcy
Signature

Date: 9-16-2022

Attachment No. 2

Airport General Consulting Professional Services - 2018									
RFP #: DOA-18-1 - Misc. Projects									
Date: November 29, 2017									
Marketplace: BC, PBC, MDC									
DBE Project Goal: 18% - adjusted for past participation									
NAICS Description	NAICS Code	Estimated Percentage of	Available DBE	Total Available	Weighted Percentage				
Engineering Services	541330	30.00%	149	1286	3.48%				
Architectural Services	541310	30.00%	40	667	1.80%				
Construction Management	236220	10.00%	239	815	2.93%				
Testing Services	541380	5.00%	12	92	0.65%				
Land Surveying & Mapping	541370	5.00%	24	144	0.83%				
Planning Services	541320	10.00%	15	166	0.90%				
Other Consulting Services	541690	10.00%	64	571	1.12%				
Total		100.00%			11.72%				

General Consulting Services Contracts	DBE Participation (to date)
R2006-2418	21%
R2009-1643	31%
R2011-1333	29%
R2014-0031	13%
Median Participation	25%
Adjustment for Past Participation	18%
DBE Project Goal	Percentage
	18%