

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
Capital Expenditures	\$3,288,277				
Operating Costs					
External Revenues (Grants)					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$3,288,277				

ADDITIONAL FTE POSITIONS (Cumulative) _____

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

Budget Account No:Fund 4111 Department 121 Unit A487-501 Object 6504

Reporting Category _____

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

Approval of this item will provide funds for the Contract.

C. Departmental Fiscal Review: Webb Hunsen

III. REVIEW COMMENTS

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

ASB 12/9/24
 OFMB QA 12/15
VJ 12/16
Travis Mack 12/12/24
 Contract Dev. and Control
 267 12-10-24

B. Legal Sufficiency:

Arnie Deland 12-16-24
 Assistant County Attorney

C. Other Department Review:

 Department Director

Attachment No. 1

Amendment No. 4 with AECOM
Technical Services, Inc. – 2 Originals
with Contract History



**AMENDMENT NO. 4 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. 4 to the Contract is made as of the _____ day of _____, 2024, 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 July 11, 2023, the County entered into an Agreement (R2023-0980) 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 three (3) one (1)-year renewal options, the exercise of which are within COUNTY'S sole control and discretion; and

WHEREAS, on November 7, 2023, the County entered into an Amendment No. 1 (R2023-1654) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement; and

WHEREAS, on January 23, 2024, the County entered into an Amendment No. 2 (R2024-0110) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement; and

WHEREAS, on July 2, 2024, the County entered into an Amendment No. 3 (R2024-0822) with the Consultant to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement; and

WHEREAS, Article 26 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 One Million Five Hundred and Twenty Two Thousand Two Hundred and Eighty Four Dollars and Twenty Four Cents (\$1,522,284.24) for the services in Amendment No. 4 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.

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3. The Contract is hereby amended to add the following:

ARTICLE 36 – HUMAN TRAFFICKING AFFIDAVIT

The CONSULTANT warrants and represents that it does not use coercion for labor services as defined in section 787.06 Florida Statutes. The CONSULTANT has executed Exhibit F, Nongovernmental Entity Human Trafficking Affidavit, which is attached hereto and incorporated herein by reference.

{Remainder of page intentionally left blank.}

**NONGOVERNMENTAL ENTITY HUMAN
TRAFFICKING AFFIDAVIT (§ 787.06(13), Fla. Stat.)
THIS AFFIDAVIT MUST BE SIGNED AND NOTARIZED**

I, the undersigned, am an officer or representative of AECOM Technical Services, Inc.
(CONTRACTOR) and attest that CONTRACTOR does not use coercion for labor or services as
defined in section 787.06, Florida Statutes.

**Under penalty of perjury, I hereby declare and affirm that the above stated facts are true
and correct.**

Andrew Kacer
(signature of officer or representative)

Andrew Kacer, VP
(printed name of officer or representative)

State of Florida, County of Palm Beach

Sworn to and subscribed before me by means of physical presence or online notarization
this, 21st day of November, 2024, by Andrew Kacer.

Personally known OR produced identification .

Type of identification produced _____.

Deborah L. Williams
NOTARY PUBLIC
My Commission Expires: 05/07/2025
State of Florida at large



IN WITNESS WHEREOF, the parties have caused the Fourth 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.

ATTEST:

**PALM BEACH COUNTY, FLORIDA
BOARD OF COUNTY COMMISSIONERS**

**JOSEPH ABRUZZO
CLERK OF THE CIRCUIT COURT
& COMPTROLLER**

By: _____
Deputy Clerk

By: _____
Maria Sachs, Mayor

WITNESS:

Digitally signed by
Kelli L Piercy
Date: 2024.11.21
12:08:36-05'00'

CONSULTANT:

**AECOM Technical Services, Inc.
COMPANY NAME**

SIGNATURE

Kelli Piercy

Name (type or print)

Digitally signed by Andrew Kacer
DN: C=US,
E=andy.kacer@aecom.com,
O=AECOM, CN=Andrew Kacer
Date: 2024.11.21 12:10:50-05'00'

Andrew Kacer

Signature

**Andrew Kacer
Name (type or print)**

**Vice President
Title**

**APPROVED AS TO FORM
AND LEGAL SUFFICIENCY**

BY: _____
County Attorney

**APPROVED AS TO TERMS
AND CONDITIONS**

By: 
Department Director

AMENDMENT NO. 4 INDEX

CERTIFICATE OF INSURANCE

EXHIBIT A: AMENDMENT NO. 4

EXHIBIT A-1	Task I-24-PBI-A-030 PBI Miscellaneous Pavement Repairs CA/RPR Services
EXHIBIT A-2	Task I-24-PBI-A-031 Green Street CM/CA/RPR
EXHIBIT A-3	Task I-24-PBI-A-032 PBI Garage Additional Services
EXHIBIT A-4	Task I-24-DOA-A-033 DOA Miscellaneous Planning and Engineering Services
EXHIBIT A-5	Task I-24-PBI-A-034 PBI Entrance Road Bridge Assessments
EXHIBIT A-6	Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)
EXHIBIT A-7	Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections CA Services
EXHIBIT A-8	Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)

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. 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, Armond Tatevossian, DO HEREBY CERTIFY that I am a 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 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 July 3, 2024, 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 30th day of September, 2024.


Armond Tatevossian
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 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 July 3, 2024:

Last Name	First Name	Region	Business Line
Kacer	Andrew	East	Transportation

IN TESTIMONY WHEREOF, all the Directors have hereunto set their hands this 3rd day of July, 2024.



Allison Hall



Matthew Crane



Karl Jensen



Armond Tatevossian

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



CERTIFICATE OF INSURANCE

EXHIBIT A

This Amendment No. 4 is in accordance with the Contract (Agreement R2023-0980) for Consultant/Professional Services between Palm Beach County (COUNTY) and AECOM Technical Services, Inc. (CONSULTANT) dated July 11, 2023.

- | | |
|-------------|------------------------------------------------------------------------------------|
| EXHIBIT A-1 | Task I-24-PBI-A-030 PBI Miscellaneous Pavement Repairs CA/RPR Services |
| EXHIBIT A-2 | Task I-24-PBI-A-031 Green Street CM/CA/RPR |
| EXHIBIT A-3 | Task I-24-PBI-A-032 PBI Garage Additional Services |
| EXHIBIT A-4 | Task I-24-DOA-A-033 DOA Miscellaneous Planning and Engineering Services |
| EXHIBIT A-5 | Task I-24-PBI-A-034 PBI Entrance Road Bridge Assessments |
| EXHIBIT A-6 | Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services) |
| EXHIBIT A-7 | Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections CA Services |
| EXHIBIT A-8 | Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services) |

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 DOA GENERAL CONSULTING SERVICES

EXHIBIT A-1

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested AECOM Technical Services, Inc. (AECOM) to develop this Task I-24-PBI-A-030 PBI Pavement 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: Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	CA/RPR Services

PROJECT OBJECTIVE AND APPROACH

This Project addresses pavement distresses at various locations throughout PBI. There are 11 work areas delineated in the Bid Package PB 24-18 where various pavement repairs will be made. The work consists of crack repair and mill/overlay of existing asphalt pavement, PCC slab replacement, and remarking of the impacted areas.

Task I – CA Services

AECOM will be providing limited CA Services throughout the scheduled construction of this Project and will include the following:

1. 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;
2. Interpretation and clarification of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries;

All other components typically associated with CA Services (meeting coordination, review applications of payment, record documents, etc...) that are not specifically listed will be completed by the DOA.

Task II – RPR Services

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

1. RPR Services: CONSULTANT will provide part-time, a maximum of 1,670 hours of on-site observations (assume 40 hours during pre-construction phase, 1550 hours during construction phase (10 hours per weekday - overall 217 calendar days) and 80 hours between substantial completion and final completion) 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.

PROJECT SCHEDULE

AECOM is scheduled to complete this project within 310 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.
6. AECOM is serving as a supporting role to the DOA who is acting as the primary Construction Manager. All tasks not specifically listing in this scope are assumed to be completed by the DOA.

Exhibit B-2

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services

Billing Rate:	\$ 236	\$ 270	\$ 201	\$ 128	\$ 96
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Task Description		Labor Estimate (Hours)					Fee Estimate (\$)			
		QC Reviewer	Senior Project Manager	Construction Manager	Project Engineer	Clerical	Total	Labor	Expenses	Total
Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services										
Task 1 CONSTRUCTION ADMINISTRATION SERVICES (LUMP SUM)	Total	32	142	82	80	40	376	\$76,454	\$0	\$76,454
Process Review and Approve Shop Drawings and Submittals		16	32	32			80	\$ 18,848		\$ 18,848
Interpretation and Clarification of Contract Documents/RFI's		16	50	50	80		196	\$ 37,566		\$ 37,566
Task Management and Administration			60			40	100	\$ 20,040		\$ 20,040
Task 2 RPR SERVICES (T&M)		0	0	0	1,670	0	1,670	\$ 213,760.00	\$ 4,500.00	\$ 218,260.00
Full Time Inspections (40+1550+80 hours maximum)					1,670		1,670	\$ 213,760	\$ 4,500	\$ 218,260
Total Fee - AECOM Technical Services, Inc.		32	142	82	1,750	40	2,046	\$ 290,214.00	\$ 4,500.00	\$ 294,714.00

Subconsultant Fees Task 1.0

1

LS	\$76,454.00
TM	\$213,760.00
EXP	\$4,500.00
Total	\$294,714.00

Total Fee - Subconsultants

GRAND TOTAL FEE - BASIC ENGINEERING SERVICES

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-2

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-2

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested AECOM Technical Services, Inc. (AECOM) to develop this Task I-24-PBI-A-031 PBI Green Street Improvements 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: Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	CM/CA/RPR Services
Tierra South Florida (SUBCONSULTANT)	Material Testing

PROJECT OBJECTIVE AND APPROACH

The scope of work consists of improvements to the right turn radius from Military Trail to Green Street. Work includes clearing & Grubbing, milling and asphalt paving, new curbing and pavement markings, Related work includes reconstruction of the existing boat ramp along the Airport West Canal. Work includes clearing & grubbing, excavation, asphalt paving, guardrail removal and replacement and utility protection. AECOM will provide Construction Management (CM), Construction Administration (CA), and Resident Project Representative Services (RPR) services for this Project, as described in the following sections. The duration for pre-construction is 60 calendar days, for construction is 160 calendar days, and for the time period between substantial completion to final completion is 30 calendar days.

Task I – CM/CA Services

AECOM will provide CM/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 two (2) progress meetings during

procurement and twelve (12) 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 Contractors survey compared to design survey. Review as-builts for contractors in progress construction;
- E. Review Contractor's Critical Path Schedule;
- F. Review Contractor's Safety and Security Plans;
- G. 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;
- H. Clarification of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries;
- I. QA Materials Testing: Provide materials testing for construction activities. This includes verifying that the base and subgrade compaction and materials meet FAA requirements. Facilitate meeting at onset of Project outlining material testing requirements, as outlined in the contract documents, with materials testing personnel, RPR, and the Contractor;
- J. CONSULTANT will review QA Materials Test Results and Laboratory Reports performed by responsible Subconsultant;
- K. 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.
- L. Payment Requests: Review applications for payment with quantities observed and forward recommendations to the DOA;
- M. 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;
- N. Task Management and Coordination: Coordinate as needed with DOA Operations and other Project stakeholders;
- O. 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;
- P. AECOM will use all readily available information including the Contractor's As-builts to prepare Record Drawings for the completed work; and
- Q. 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 periodic (25% of full time or 0.25 times 160 days times 5/7 times 8 hours per day = 286 hours 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/EOR will provide periodic inspections (bi-weekly inspections total of six (6) 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 230 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.
6. AECOM is serving as a supporting role to the DOA who is acting as the primary RPR and Construction Manager. All tasks not specifically listing in this scope are assumed to be completed by the DOA.

Exhibit B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services

Billing Rate:	\$ 98	\$ 236	\$ 270	\$ 201	\$ 128	\$ 96
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Task Description		Labor Estimate (Hours)							Fee Estimate (\$)			
		Resident Project Representative (RPR)	QC Reviewer	Senior Project Manager	Construction Manager	Project Engineer	Clerical	Total	Labor	Expenses	Total	
Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services												
1.0 CA/CM SERVICES (LUMP SUM + REIM.)	Total	0	7	20	73	64	12	176	\$31,069.00	\$ -	\$31,069.00	
A Pre-Construction Conference				1	4	2		7	\$ 1,330		\$ 1,330	
A Weekly Progress Meetings and Other Meetings (16 Meetings Total)				5	18	18		41	\$ 7,272		\$ 7,272	
B Prepare Conformed and Executed Contract Documents		3		1	3	6		13	\$ 2,349		\$ 2,349	
C Review Contractor's MOT Plans					2	2		4	\$ 658		\$ 658	
D Review Contractor's Critical Path Schedule					1			1	\$ 201		\$ 201	
E Review Contractor's Survey compared to Design and In Progress Contractors As-Builts(Pavement Lifts)				1	3	3		7	\$ 1,257		\$ 1,257	
F Review Contractor's Safety and Security Plans				1	1			2	\$ 471		\$ 471	
F Process Review and Approve Shop Drawings and Submittals		2		2	8	8		20	\$ 3,644		\$ 3,644	
G Process Review and Approve Shop Drawings and Re-Submittals				1	8	8		17	\$ 2,902		\$ 2,902	
H Interpretation and Clarification of Contract Documents/RFI's				2	5	5		12	\$ 2,185		\$ 2,185	
I Establish and Maintain Project Records					1	1		2	\$ 329		\$ 329	
J Review Applications for Payment				1	4	1		5	\$ 1,074		\$ 1,074	
K Preparation of Change Orders, Notices of Non-Compliance etc.				1	5	5		11	\$ 1,915		\$ 1,915	
L Task management and Coordination				4			8	12	\$ 1,848		\$ 1,848	
M As Built Review					2	2		4	\$ 658		\$ 658	
N Prepare Record Drawings		2			4	4		10	\$ 1,788		\$ 1,788	
O Project Closeout					4		4	8	\$ 1,188		\$ 1,188	
2.0 RPR SERVICES (T&M + REIM.)	Total	0	0	5	34	292	0	331	\$45,560.00	\$ -	\$45,560.00	
A Pre-Construction Survey Validation, Inspection & Photographs					3	4		7	\$ 1,115		\$ 1,115	
B Review Contractor Daily Reports					16			16	\$ 3,216		\$ 3,216	
C 25% of full time or 0.25 times 160 days times 5/7 times 8 hours per day = 286						286		286	\$ 36,608		\$ 36,608	
D Periodic Inspections (4 times)					8			8	\$ 1,608		\$ 1,608	
E Review Guarantees, Warranties, Certifications, and O&M Manuals				1	1			2	\$ 471		\$ 471	
F Substantial and Final Completion Inspection				4	4			8	\$ 1,884		\$ 1,884	
G Construction Support Services					2	2		4	\$ 658		\$ 658	
Total Fee - AECOM Technical Services, Inc.		0	7	25	107	356	12	507	\$76,629.00	\$ -	\$76,629.00	
Subconsultant Fees Task 1.0												
1	Tierra South Florida (LS)	\$ -							LS	\$31,069.00		
	Tierra South Florida (T&M)								TM	\$45,560.00		
2									EXP	\$0		
									Total	\$76,629.00		
Total Fee - Subconsultants \$ -												
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES \$76,629.00												
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-3

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-3

Miscellaneous Planning, Engineering and Construction Services

Palm Beach International Airport (PBI) Task I-23-PBI-A-032 PBI Garage Additional Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (CONSULTANT) provide Professional Engineering Services under this Task I-24-PBI-A-032 PBI Garage Additional Services Project (Project). The services for this Project are additional services that are being performed under the current Task I-23-PBI-A-085 PBI Garage Repairs CM/CA/RPR Services Project (Original Project), specifically related to Field Bulletins (FBs) 10-13, as described below.

Project Team

This Project Team for the Professional Engineering Services to be provided by the Team are provided below:

Firm Name (CONSULTANT/SUBCONSULTANT)	Type of Services
AECOM Technical Services, Inc. (AECOM) (CONSULTANT)	Project Management, CA, RPR, CM and Structural Services

The scope of this Project is to provide additional Project Management, CA, RPR, CM and Structural Services for the work effort developed under the current Task I-23-PBI-A-085 PBI Garage Repairs CM/CA/RPR Services Project. This work effort includes developing four (4) FBs, responding to RFI # 29, and providing the associated Construction Administration, Inspection, and Management services to incorporate these new project elements into the Original Project. The four (4) separate Field Bulletins (FBs) are as described below:

- FB 10: Long Term Parking Garage 2 Joint Repair
- FB 11: Leaking Joint at Short Term Parking Garage Roof Level
- FB 12: Short Term Parking Garage Roof Level Joint Repair & Spall Repair
- FB 13: Short Term Parking Garage Light Pole Repair
- RFI # 29 STPG Level 7 Grid Lines 31.3 & KK-HH – Delaminating Concrete When Removing Existing Joint Sealant

A description of each FB is provided below:

FB 10: Long Term Parking Garage 2 Joint Repair: The DOA has requested a repair to the deficient double-tee flange joint sealant and repairs to damaged flange (vector) connectors at numerous locations within Long Term Parking Garage #2. Scope included an investigative field visit to assess the locations with deficient joints. This Field Bulletin incorporates work into the existing Contract to repair the deficient joints.

FB 11: Leaking Joint at Short Term Parking Garage Roof Level: The DOA has requested AECOM to investigate the water leak on Short Term Garage Level 7, down to Level 6 at the Column Line 38 Expansion Joint. The investigation concluded that the joint between the Soffit Beam and the Double-Tee Topping Slab had minor spalling and water was able to penetrate to the level below. This Field Bulletin incorporates work into the Contract to repair the deficient joint.

FB 12: Short Term Parking Garage Roof Level Joint Repair & Spall Repair: Per DOA request, AECOM investigated a water leak on Short Term Garage Level 7, at a drainage inlet at Column Line JJ/26. The investigation found the leak resulted from joints along column line JJ. The investigation also found damage to the existing concrete beam below the seventh level at the location of the leak. Scope additionally included resealing of all roof level joints that have not been previously re-sealed. As an added request by DOA, recommendations found in the Risk Management Inspection Report were also included in the repairs of this Field Bulletin.

FB 13: Short Term Parking Garage Light Pole Repair: The DOA requested AECOM to prepare repair plans for the existing light pole anchor bolts located on the 7th floor, along the south wall of the STPG. Several anchor bolts have rusted and were unable to support the light poles. It involves removal of existing membrane material, repairing the anchor bolts and replacing the joint sealant around the pole bases and includes repair of an adjacent expansion joint. This Field Bulletin incorporates work into the Contract to repair the anchor bolts on 10 light poles.

RFI # 29: STPG Level 7 Grid Lines 31.3 & KK-HH – Delaminating Concrete When Removing Existing Joint Sealant: When Contractor was removing the existing joint sealant to perform a "Special Repair for Joint Seal" on grid line 31.3 & KK – HH, an area of 2 feet by 124 feet of delaminated concrete was exposed and requires AECOM to develop corrective repairs and associated details.

The implementation of FBs 10-13 and RFI # 29 into this contract increases the construction duration by 8 weeks.

5.1 Deliverables

The development of the four (4) Field Bulletins listed in the Task.

5.1 Schedule

The anticipated duration for this project is 160 calendar days.

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.

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-PBI-A-032 PBI Garage Repairs Additional Services

Billing Rate:	\$ 98	\$ 236	\$ 270	\$ 255	\$ 201	\$ 149	\$ 128	\$ 129	\$ 96
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Task Description	Labor Estimate (Hours)										Fee Estimate (\$)										
	RPR	QC Reviewer	Senior Project Manager	Senior Structural	Design/Construction Manager	Structural Engineer	Project Engineer	Planner	Clerical	Total	Labor	Expenses	Total								
Task I-24-PBI-A-032 PBI Garage Repairs Additional Services																					
Design and CA	Total	400	22	95	204	123	167	64	0	24	1,099	\$182,164	\$0	\$182,164							
FB 10: Long Term Parking Garage 2 Joint Repair			3	3	8	8	64			2	88	\$ 14,894	\$ -	\$ 14,894							
FB 11: Leaking Joint at STPG Roof Level			3	3	24	12	22			2	66	\$ 13,520	\$ -	\$ 13,520							
FB 12: STPG Roof Level Joint Repair & Spall Repair			6	3	80	12	30			2	133	\$ 29,700	\$ -	\$ 29,700							
FB 13: STPG Light Pole Repair			8	3	80	24	36			2	153	\$ 33,478	\$ -	\$ 33,478							
RFI # 29 STPG Level 7 Grid Lines 31.3 & KK-HH - Delaminating Concrete When Removing Existing Joint Sealant			2	3	12	3	15			2	37	\$ 7,372	\$ -	\$ 7,372							
Additional Project CA/CM (Added 16 weeks)				64		64		64		2	194	\$ 38,528	\$ -	\$ 38,528							
Additional RPR (10 weeks 40 hours per week)		400								6	406	\$ 39,776	\$ -	\$ 39,776							
Task Management and Coordination				16						6	22	\$ 4,896	\$ -	\$ 4,896							
Total Fee - AECOM Technical Services, Inc.		400	22	95	204	123	167	64	0	24	1,099	\$ 182,164	0	\$ 182,164							
Subconsultant Fees											<table border="1"> <tr> <td>Lump Sum</td> <td>\$182,164.00</td> </tr> <tr> <td>TM</td> <td>\$0.00</td> </tr> <tr> <td>Expenses</td> <td>\$0.00</td> </tr> <tr> <td>Total</td> <td>\$182,164.00</td> </tr> </table>			Lump Sum	\$182,164.00	TM	\$0.00	Expenses	\$0.00	Total	\$182,164.00
Lump Sum	\$182,164.00																				
TM	\$0.00																				
Expenses	\$0.00																				
Total	\$182,164.00																				
1 Total Subconsultant Fee	\$ -																				
Total Fee - Subconsultants	\$ -																				
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 182,164.00																				

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 Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

North Palm Beach County General Aviation Airport (F45)

Palm Beach County Park Airport (LNA)

Palm Beach County Glades Airport (PHK)

Task I-24-DOA-A-033: Miscellaneous Planning & Engineering Services

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (AECOM or CONSULTANT) provide professional services for Task I-24-DOA-A-033: Miscellaneous Planning & Engineering Services Project (Project).

PROJECT TEAM

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	Miscellaneous As-Needed Support

AECOM will assist the DOA with general aviation planning support tasks for the four (4) DOA airports that are frequently requested and typically require only a few hours/days of effort and are required in a short timeframe. The specific tasks expected to be developed are described below:

SCOPE OF WORK

- 01: The DOA periodically requests the CONSULTANT to conduct Independent Fee Estimates (IFE) on various projects varying in size and scope of work. AECOM will submit an initial Independent Fee Estimate (Cover Letter plus Spreadsheet) for each task, followed by clarifications of our reasoning for developing our associated fees.
- 02: AECOM will assist the DOA with miscellaneous planning, programming, and engineering support services for various tasks at the DOA airports and

associated properties. These tasks typically include updating planning maps and sketches, evaluating and providing recommendations for small miscellaneous assignments, preparing preliminary cost estimates, and other miscellaneous tasks.

- 03: This task also includes developing general project scopes of work and rough order of magnitude budget estimates for DOA use in the planning, engineering, and programming of upcoming design and construction projects.

PROJECT SCHEDULE

The schedule for each of these tasks will vary.

Exhibit B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-DOA-A-033 Miscellaneous Planning & Engineering Services

Billing Rate:	\$ 340	\$ 236	\$ 270	\$ 255	\$ 128	\$ 129	\$ 108	\$ 96
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		Labor Estimate (Hours)								Fee Estimate (\$)			
Task Description		Principal	QC Reviewer	Senior Project Manager	Senior Planner	Project Engineer	Planner	Engineer	Clerical	Total	Labor	Expenses	Total
Task I-24-DOA-A-033 Miscellaneous Planning & Engineering Services													
	Total	0	0	75	35	73	89	0	0	272	\$ 50,000	\$ 0	\$ 50,000
01	Independent Fee Estimates (IFE)			20		28	30			78	\$12,854	\$ 0	\$12,854
02	Miscellaneous Programming and Engineering			25	21	24	30			100	\$19,047	\$ 0	\$19,047
03	Programming for Upcoming Tasks			30	14	21	29			94	\$18,099	\$ 0	\$18,099
Total Fee - AECOM Technical Services, Inc.		0	0	75	35	73	89	0	0	272	\$ 50,000	0	\$ 50,000
Subconsultant Fees Task 1.0													
										Task 1.0 (Lump Sum)	\$ 0		
										Task 2.0 (Time & Material)	\$50,000		
										Expenses	\$ 0		
										<u>Total</u>	\$50,000		
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES		\$ 50,000											
Prepared by: AECOM Technical Services, Inc.													

AECOM Technical Services, Inc.
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EXHIBIT A-5

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-5

Palm Beach International Airport (PBI) Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested AECOM Technical Services, Inc. (AECOM or CONSULTANT) to perform Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessment to assist the DOA in assessing the structural condition of seven bridges and associated Mechanically Stabilized Earth (MSE) walls located within the Palm Beach International Airport (PBIA), as shown in Figure 1 below. The scope of this project includes comprehensive in-depth inspections (in conformance with NHI requirements), the preparation of detailed inspection reports (FDOT format), and the recommendation of necessary repairs.



Figure 1. Bridge and MSE Wall Location Map

PROJECT OBJECTIVE AND APPROACH

The objective of this task is to

1. Facilitate a Project Kick-Off Meeting with the DOA Staff and Operations
2. Review the As Built Data and Previous Inspection Report
3. Biennial Bridge and MSE Wall Inspections per FDOT Protocol (192 Hours for two Inspectors plus 50 hours for Project Eng to coordinate effort)
4. Set up MOT for each element of inspection (Project Engineer 200 hours)
5. Review Inspection Reports develop Assessment Report
6. Develop Recommendations for Repair
7. Develop Project Cost Estimates
8. Develop Draft Inspection Report (Inspection Data, Assessments, Recommended Repairs, and Project Budget Cost Estimates)
9. Facilitate Draft Inspection Report Review Meeting
10. Develop Final Inspection Report (Inspection Data, Assessments, Recommended Repairs, and Project Budget Cost Estimates)
11. Task Coordination (Includes coordinating inspections w Staff, Operations, and FBOs)

Bridges located within PBI along the Turnage Boulevard will be inspected in compliance with federal regulations (National Bridge Inspection Standards, CFR Title 23, Part 650, Subpart C); Section 335.074, Florida Statutes; Safety Inspection of Bridges; and State of Florida Department of Transportation Rules, Chapter 14-48, F.A.C., Bridge Inspection Standards.

The scope of work includes the inspection of the bridge structures and MSE walls along Turnage Boulevard as listed below:

- **Bridge 1:** WB Turnage Blvd. Bridge over Perimeter Road
- **Bridge 2:** EB Turnage Blvd. Bridge over Perimeter Road
- **Bridge 3:** Upper Vehicular Drive
- **Bridge 4:** Ramp from vehicular drive to Garage
- **Bridge 5:** Departure from Upper Drive to Turnage Blvd
- **Bridge 8:** Approach from Turnage Blvd to Upper Vehicular Drive Ramp
- **Bridge 10:** Bridge into Short Term Parking Garage
- **Underside of Bridge 3, covered by suspended ceiling panels:** A visual inspection will be performed in all areas that could be accessed through access hatches or through terminal building access points. Due to limited access in this area an in-depth inspection is not possible.

All services shall conform to the following state and national publications (latest revision) covering bridge inspection standards of practice:

- National Bridge Inspection Standards
- Code of Federal Regulations 23 - Highways, Part 650, Subpart C.
- State of Florida Statute 335.074, Safety Inspection of Bridges
- Manual for Condition Evaluation of Bridges
- American Association of State Highway & Transportation Officials (AASHTO).
- Bridge Inspector's Reference Manual
- U.S. Department of Transportation/Federal Highway Administration.
- Inspection of Fracture Critical Bridge Members, FHWA-IP-86-26 U.S. Department of Transportation/Federal Highway Administration.

- Bridge and Other Structures Inspection and Reporting,
- FDOT, Topic 850-010-030h
- FDOT-Bridge Management System Coding Guide FDOT
- FDOT-Bridge Inspectors Field Guide - Structural Elements FDOT A-8
- Manual on Uniform Traffic Control Devices, 950-044-0000-4 U.S. Department of Transportation/Federal Highway Administration

Traffic Control:

AECOM will implement necessary Maintenance of Traffic (MOT) procedures to enhance the safety of both the inspection team and the public during the inspection process. This includes the appropriate placement of signage, barriers, and other traffic control measures, per FDOT standards.

Access Requirements:

- **Bridge 1, 2 & 3:** A scissor-lift will be required to access remote areas of these bridges.
- **Bridge 3:** Bridge portion that is covered by a suspended ceiling will require access below the ceiling and through the terminal building access points.
- **Bridge 10:** A boom lift will be required to inspect this structure. AECOM will coordinate with the DOA to ensure that all necessary equipment and access arrangements are in place before the inspection. AECOM will coordinate with the DOA to have all vehicles removed from parking spaces below the bridge during the inspection.

Inspection Reporting:

AECOM will prepare an inspection report for each bridge following the standard FDOT inspection format. Each report will include a detailed condition rating, a prioritization of needed repairs, and any other observations relevant to the structural health of the bridge.

Recommendations for repairs, and estimated construction costs, will be developed based on the observed condition and any potential safety concerns.

Deliverables:

Draft and Final Inspection Report (Inspection Data, Assessments, Recommended Repairs, and Project Budget Cost Estimates)

SCHEDULE

The Draft Inspection Report will be submitted 120 days following NTP, and the Final Inspection Report will be submitted 160 days following NTP. AECOM recommends the start of the inspection to take place after mid-January, to avoid PBI's busy season, as certain areas in the vicinity of the bridges will need to be temporarily closed during the inspection work. The inspection process will take approximately 8 weeks following NTP. Our field inspection schedule will be coordinated with DOA Planning and DOA Operations.

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.

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) -Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments

Billing Rate:	Rate	\$ 346	\$ 216	\$ 270	\$ 160	\$ 128	\$ 96
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Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments	Task Description	Labor Estimate (Hours)						Fee Estimate (\$)			
		Senior Bridge Assessment / EOR	Senior Structural Engineer	Senior Project Manager	Senior Bridge Inspectors	Project Engineer	Clerical	Total	Labor	Expenses	Total
	Turnage Road - Bridge Inspections	84	240	60	424	408	4	1,220	\$217,552	\$0	\$217,552
	Project Startup			2			4	6	\$ 924		\$ 924
	Kick Off Meeting	2	4	2		2		10	\$ 2,352		\$ 2,352
	As Built Record & Previous Inspection Review	8	32	4	32			76	\$ 15,880		\$ 15,880
	Bridge and MSE Wall Inspections (192 Hours each for two Inspectors plus 50 hours Proj Eng to coordinate effort)	8		4	384	50		446	\$ 71,688		\$ 71,688
	MOT Set Up (5 weeks 40 hours per week)			8		200		208	\$ 27,760		\$ 27,760
	Assessments based on Inspection Reports	40	40	8				88	\$ 24,640		\$ 24,640
	Recommendations for Repairs	16	60	4	8	60		148	\$ 28,536		\$ 28,536
	Project Cost Estimates		40	4		40		84	\$ 14,840		\$ 14,840
	Draft Inspection Report (Inspection Data, Assessments, Recommended Repairs, and Project Budget Cost Estimates)	4	40	4		32		80	\$ 15,200		\$ 15,200
	Draft Inspection Report Review Meeting	4	4	2		4		14	\$ 3,300		\$ 3,300
	Final Inspection Report (Inspection Data, Assessments, Recommended Repairs, and Project Budget Cost Estimates)	2	12	2		12		28	\$ 5,360		\$ 5,360
	Task Coordination (Includes coordinating inspections w Staff, Operations, and FBOs)		8	16		8		32	\$ 7,072		\$ 7,072
Total Fee - AECOM Technical Services, Inc.		84	240	60	424	408	4	1,220	\$217,552	\$0	\$217,552
Expenses:											
	MOT Cones, VMS Sign, Right and Left Lane Closed Signs, Work Ahead Signs	\$10,000									
	Hotel:	\$7,500	2 people for 25 days each @ \$150/Day								
	Travel:	\$1,260	\$420 round trip - 3 trips								
	Per Diem	\$3,050	2 people for 25 days each @ \$61/Day								
		\$21,810									
Subconsultant Fees											
	1										
	2										
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES		\$ 239,362									

Lump Sum 217,552
 Time & Material Expenses 21,810
Total 239,362

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EXHIBIT A-6

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-6

Miscellaneous Planning, Engineering and Construction Services

Palm Beach International Airport (PBIA) Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)

OVERVIEW

The Palm Beach DOA Department of Airports (DOA) has requested AECOM Technical Services, Inc. (CONSULTANT) provide Professional Engineering Services associated with the Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services) Project (Project). This Project provides additional services to the Original Task I-23-LNA-A-006 LNA Phases 3 and 4 Project (Original Project) at Palm Beach County Park Airport (LNA). The Original Project consists of the development of one bid package for the design of Phase 3 and Phase 4 of the redevelopment site areas to support the existing and future growth associated with the general aviation facilities on the south side of LNA. The additional services included in this Project include:

- Work effort to develop two separate sets of bid documents, one bid package for Phase 3 and one for Phase 4. The separation of the bid packages are to accommodate the available funding to move forward with Phase 3 of the overall Project, then bid phase 4 later.
- Additional design and permitting efforts, as a result of comments made by the Palm Beach County planning and zoning board (PZB), related to their review of the landscape plans for the Project. This includes adding an arborist to the team to perform site visits, develop an arborist report, and perform the necessary permitting and design conform to PZB requirements.

Project Team

This Project Team for the services and the respective type of services to be provided by the Team are provided below:

Firm Name (CONSULTANT/SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (AECOM) (CONSULTANT)	Project Management; Civil, Utility Coordination, Water and Sanitary Sewer, and Landscape Design/Permitting Services

SCOPE OF SERVICES

The scope of services will include developing two separate sets of bid documents, one for Phase 3 and one for Phase 4. The separation of the bid packages are to accommodate the

limited available funding to move forward with Phase 3 of the overall Project, then bid Phase 4 when the funding for Phase 4 becomes available.

The work effort to divide the one bid package into two bid packages includes preparing separate front-end specifications, technical specifications, costs estimates, and construction plans. The duplicated separate construction plans will include:

- Cover Sheet and Location Map
- Index of Drawings
- Summary of Quantities/General Notes
- Overall Staging Plan and Notes
- Safety and Security Notes
- Existing Conditions
- Civil Demolition Plan
- Civil Site Plan
- Grading Plans
- Civil Details
- Signage and Pavement Marking General Notes
- Signage and Pavement Marking Plan
- Signage and Pavement Marking Details
- Water and Sewer General Notes
- Water and Sewer Demolition Plan
- Water and Sewer Plan
- Water and Sewer Details
- Landscape General Notes
- Landscape Site Plan
- Landscape Details
- Security Site Plan and Details

These two bid packages will be developed to accommodate phases: Phases 1 and 2. Phase 1 consists of three (3) subphases: sixty percent (60%) design completion of the contract documents (Phase 1A); ninety percent (90%) design completion of the contract documents (Phase 1B); and final design completion (100%) of contract documents (Phase 1C). Phase 2 consists of Procurement support, Bidding and Award of Contract requirements.

A brief definition for each of the Phases included in the scope of services is provided below:

PHASE 1A - CONSULTANT will develop the Contract Documents to a predetermined completion milestone (60% of completion). CONSULTANT will develop the Program Costs and prepare Schedule/Phasing Plans.

PHASE 1B - CONSULTANT will develop the Contract Documents to 90% to allow the Project to be reviewed and preliminarily submitted for applicable permitting agencies. CONSULTANT will update Program Costs, Schedule and Phasing Plans.

PHASE 1C - CONSULTANT will complete the Contract Documents to 100% to allow the Project to be permitted, bid, and constructed. CONSULTANT will prepare the Final Program Cost Estimate, Schedule and Phasing Plans.

PHASE 2 - CONSULTANT will assist the DOA in obtaining Bids and in the Award of a Construction Contract, as required.

The work effort includes additional design and permitting efforts, as a result of comments made by the Palm Beach County planning and zoning board, related to their review of the landscape plans for the Original Project.

The bidding and award work elements include:

PHASE 2 - BIDDING AND AWARD OF CONTRACT

After authorization to proceed with the Bidding Phase, CONSULTANT will assist the DOA in advertising for and obtaining bids via the County's Vendor Self-Service Website. CONSULTANT will support the DOA in conducting a pre-bid conference 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.

Deliverables

- PDF copy of the Bid Documents
- Pre-Bid Conference Agenda and Meeting Minutes
- Addenda as required during the bid process
- Bid Tabulation
- Bid Recommendation Letter

PROBABLE CONSTRUCTION ESTIMATE

The CONSULTANT will prepare separate Engineer's Estimate of Probable Construction Cost by trades based on the prepared design plans. Estimates will be prepared with each submittal (60%, 90%, and 100%) and will include an update after review of that submittal. The CONSULTANT will work with DOA on the additional allowances, fees and contingencies that should be included in the estimate. Statements of Probable Cost will contain such provisions for inflation as may be reasonably anticipated within the construction industry.

The inflation factor will be applied based on the anticipated start of construction. In providing opinions of probable construction costs, the DOA understands that the CONSULTANT has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein shall be based on the CONSULTANT's qualifications and experience. The CONSULTANT makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.

PROJECT MANAGEMENT

The CONSULTANT will provide project management, procurement scheduling review, coordination, and guidance for adherence to the Project goals and objectives, for the second bid package which includes project administration as necessary to carry out Project Management responsibilities which involve executive level management, administrative, project schedule, budget management and quality control of overall project services.

6.1 Meetings and Coordination

The CONSULTANT will meet with DOA and permitting agencies. Scheduled meetings will be held to discuss progress and project development issues/items. Progress and

review meetings are assumed to be at DOA's offices or as virtual meetings. CONSULTANT will prepare and provide prior to meetings agendas and develop meeting meetings for each meeting. Time spent for in-person meetings will include travel time to and from location. Included meetings are as follows:

- Attend one (1) internal design team kick-off meeting
- Attend three (3) DOA submittal review meetings. (60%, 90%, and 100%)
- Attend three (3) design team project coordination meetings
- Attend six (6) permit agency meetings
- Attend up to four (4) task coordination meetings (FAA, ATCT, DOA, SFWMD, CONSULTANTS, etc.)
- Attend one (1) bid package review meeting

Meetings will be attended by the CONSULTANT Project Manager or CONSULTANT's representative (if Project Manager is not available) along with applicable discipline leads/ engineers as needed. Others will be made available by phone or virtually if needed.

6.2 Project Scheduling

A detailed project design schedule will be developed and provided as an initial schedule upon the kickoff meeting for this project. Schedule updates will be developed to help track activities associated with the advancement of the contract for procurement. Updates will be provided at the 60%, 90% and 100% submittals. Critical task and deliverables will be included and monitored monthly.

The anticipated duration of the project is 150 days. For each phase is the following:

- Phase 1A – 60% Plans Development – 60 calendar days.
- Phase 1B – 90% Plans Development – 30 calendar days
- Phase 1C – 100% Plans Development – 30 calendar days
- Phase 2 – Bidding and Award of Contract – 45 calendar days

6.3 Quality Assurance / Quality Control

CONSULTANT deliverables will undergo an internal Quality Control (QC) process. This QC process will affirm that quality is achieved through checking, reviewing, and surveillance of work activities by objective and qualified individuals who were not directly responsible for performing the initial work. Each formal submittal will be accompanied by a QC certification form.

Assumptions:

1. DOA will provide all record documents applicable to this task.
2. DOA will pay for all permitting costs.
3. Construction Administration and Resident Project Representative Services are not included in this scope of services. If requested, the CONSULTANT will perform Construction Administration and Resident Project Representative Services via a separate task order.
4. CONSULTANT shall not be responsible for the means, methods, techniques, and 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. The CONSULTANT 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.

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) -Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)

Billing Rate:	\$ 236	\$ 270	\$ 201	\$ 215	\$ 149	\$ 128	\$ 96
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Task Description	Labor Estimate (Hours)								Fee Estimate (\$)		
	QC Reviewer	Senior Project Manager	Design Manager	Senior Engineer	Structural Engineer	Project Engineer	Clerical	Total	Loaded Labor	Expenses	Total
Phase 1A - 60% Design	14	14	0	35	0	53	4	120	\$21,777	\$300	\$22,077
Attend One (1) DOA Kick-Off Meeting, Agenda & Minutes								0	\$ -	\$ -	\$ -
Internal Design Team Kick-Off Meeting (1)								0	\$ -	\$ -	\$ -
Documents Data Collection and Records Research								0	\$ -	\$ -	\$ -
Attend Two (2) Field Visits								0	\$ -	\$ -	\$ -
a. Topographic Survey/Utility Locates (Coord Field Activities)								0	\$ -	\$ -	\$ -
b. Geotechnical / Subsurface Investigations (Coord Field Activities)								0	\$ -	\$ -	\$ -
Preliminary Design Submittal Deliverables:								0	\$ -	\$ -	\$ -
a. Preliminary Topographic Survey (Review)								0	\$ -	\$ -	\$ -
b. Preliminary Geotechnical Investigations Data (Review)								0	\$ -	\$ -	\$ -
Utility Coordination								0	\$ -	\$ -	\$ -
60% Design Submittal Deliverables:								0	\$ -	\$ -	\$ -
a. 60% Design Development Drawings:								0	\$ -	\$ -	\$ -
Cover Sheet and Location Map						1		1	\$ 128	\$ -	\$ 128
Index of Drawings						2		2	\$ 256	\$ -	\$ 256
Summary of Quantities/General Notes				1		2		3	\$ 471	\$ -	\$ 471
Overall Staging Plan and Notes				2		2		4	\$ 686	\$ -	\$ 686
Safety and Security Notes				1		2		3	\$ 471	\$ -	\$ 471
Existing Conditions				1		3		4	\$ 599	\$ -	\$ 599
Civil Demolition Plan				2		4		6	\$ 942	\$ -	\$ 942
Civil Site Plan				2		2		4	\$ 686	\$ -	\$ 686
Grading Plans				2		2		4	\$ 686	\$ -	\$ 686
Civil Details				1		2		3	\$ 471	\$ -	\$ 471
Signage and Pavement Marking General Notes				1		2		3	\$ 471	\$ -	\$ 471
Signage and Pavement Marking Plan				1		2		3	\$ 471	\$ -	\$ 471
Signage and Pavement Marking Details				1		1		2	\$ 343	\$ -	\$ 343
Water and Sewer General Plans / Notes				2		3		5	\$ 814	\$ -	\$ 814
Water and Sewer Demolition Plan				2		4		6	\$ 942	\$ -	\$ 942
Landscape General Notes				1		2		3	\$ 471	\$ -	\$ 471
Landscape Site Plan				1		2		3	\$ 471	\$ -	\$ 471
Landscape Details				1		1		2	\$ 343	\$ -	\$ 343
Security Site Plan and Details				1		1		2	\$ 343	\$ -	\$ 343
60% Project Construction Cost Estimate		2				3		5	\$ 1,354	\$ -	\$ 1,354
60% Project Schedule				2				2	\$ -	\$ -	\$ -
60% Engineer's Report w/ Geotechnical Report								0	\$ -	\$ -	\$ -
60% Regulatory permitting agencies documentation				1		1		2	\$ 343	\$ -	\$ 343
ISO 9001 - QA/QC Review	14			2		2		20	\$ 4,530	\$ -	\$ 4,530
Team Coordination Meetings (1)		2		2		2		6	\$ 1,226	\$ -	\$ 1,226
One (1) DOA Submittal Review Meeting		2		2		2		6	\$ 1,226	\$ -	\$ 1,226
Regulatory Permitting Agencies Meetings				1		1		2	\$ 343	\$ -	\$ 343
Task Coordination (DOA, Consultants, etc.)		2		2		2		6	\$ 1,226	\$ 300	\$ 1,526
Project Management and Administration			4					4	\$ 1,464	\$ -	\$ 1,464

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) -Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)

Billing Rate:	\$ 236	\$ 270	\$ 201	\$ 215	\$ 149	\$ 128	\$ 96
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Task Description	Labor Estimate (Hours)								Fee Estimate (\$)			
	QC Reviewer	Senior Project Manager	Design Manager	Senior Engineer	Structural Engineer	Project Engineer	Clerical	Total	Loaded Labor	Expenses	Total	
Phase 1B - 90% Design	8	24	0	52	0	143	4	231	\$38,236	\$300	\$38,536	
90% Design Submittal Deliverables:								0	\$ -	\$ -	\$ -	
a. 90% Design Development Drawings:								0	\$ -	\$ -	\$ -	
Cover Sheet and Location Map								0	\$ -	\$ -	\$ -	
Index of Drawings								0	\$ -	\$ -	\$ -	
Summary of Quantities/General Notes				1		1		2	\$ 343	\$ -	\$ 343	
Safety and Security Notes				1		1		2	\$ 343	\$ -	\$ 343	
Existing Conditions				1		1		2	\$ 343	\$ -	\$ 343	
Civil Demolition Plan				1		1		2	\$ 343	\$ -	\$ 343	
Civil Site Plan				1		1		2	\$ 343	\$ -	\$ 343	
Grading Plans				1		1		2	\$ 343	\$ -	\$ 343	
Civil Details				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking General Notes				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking Plan				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking Details				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer General Plans / Notes				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer Details				1		1		2	\$ 343	\$ -	\$ 343	
Landscape Plans and General Notes		2		4		70		76	\$ 10,360	\$ -	\$ 10,360	
Arborist Plan and Report		2		8		40		50	\$ 7,380	\$ -	\$ 7,380	
Security Site Plan and Details				1		2		3	\$ 471	\$ -	\$ 471	
90% Technical Specifications		2		5		5		12	\$ 2,255	\$ -	\$ 2,255	
90% Front End Specifications & FAA General Provisions		2		8		4		14	\$ 2,772	\$ -	\$ 2,772	
90% Project Construction Cost Estimate		2		2		2		6	\$ 1,226	\$ -	\$ 1,226	
90% Project Schedule				2				2	\$ 430	\$ -	\$ 430	
90% Regulatory permitting agencies documentation			2	2		2		6	\$ 1,226	\$ -	\$ 1,226	
ISO 9001 - QA/QC Review	8	2		2				12	\$ 2,858	\$ -	\$ 2,858	
Team Coordination Meetings (1)		2		2		2		6	\$ 1,226	\$ -	\$ 1,226	
One (1) DOA Review Submittal Meeting		2		2		2		6	\$ 1,226	\$ 300	\$ 1,526	
Regulatory Permitting Agencies Meetings								0	\$ -	\$ -	\$ -	
Task Coordination (DOA, Consultants, etc.)			2	2		2		6	\$ 1,226	\$ -	\$ 1,226	
Project Management and Administrator			4				4	8	\$ 1,464	\$ -	\$ 1,464	

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) -Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)

Billing Rate:	\$ 236	\$ 270	\$ 201	\$ 215	\$ 149	\$ 128	\$ 96
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Task Description	Labor Estimate (Hours)								Fee Estimate (\$)			
	QC Reviewer	Senior Project Manager	Design Manager	Senior Engineer	Structural Engineer	Project Engineer	Clerical	Total	Loaded Labor	Expenses	Total	
Phase 1C - 100% Design	8	16	0	49	0	77	8	158	\$27,367	\$0	\$27,367	
<i>100% Design Submittal Deliverables:</i>								0	\$ -	\$ -	\$ -	
<i>a. 100% Design Development Drawings:</i>								0	\$ -	\$ -	\$ -	
Cover Sheet and Location Map								0	\$ -	\$ -	\$ -	
Index of Drawings								0	\$ -	\$ -	\$ -	
Summary of Quantities/General Notes						1		1	\$ 128	\$ -	\$ 128	
Overall Staging Plan and Notes				1		1		2	\$ 343	\$ -	\$ 343	
Existing Conditions				1		1		2	\$ 343	\$ -	\$ 343	
Civil Demolition Plan				1		1		2	\$ 343	\$ -	\$ 343	
Civil Site Plan				1		1		2	\$ 343	\$ -	\$ 343	
Grading Plans				1		1		2	\$ 343	\$ -	\$ 343	
Civil Details				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking General Notes				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking Plan				1		1		2	\$ 343	\$ -	\$ 343	
Signage and Pavement Marking Details				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer General Notes				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer Demolition Plan				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer Plan				1		1		2	\$ 343	\$ -	\$ 343	
Water and Sewer Details				1		1		2	\$ 343	\$ -	\$ 343	
Landscape Plans and General Notes				4		30		34	\$ 4,700	\$ -	\$ 4,700	
Arborist Plan and Report				4		15		19	\$ 2,780	\$ -	\$ 2,780	
Security Site Plan and Details				1		1		2	\$ 343	\$ -	\$ 343	
100% Technical Specifications		1		4		2		7	\$ 1,386	\$ -	\$ 1,386	
100% Front End Specifications & FAA General Provisions		1		4		2		7	\$ 1,386	\$ -	\$ 1,386	
100% Construction Safety and Phasing Plan		2		4				6	\$ 1,400	\$ -	\$ 1,400	
100% Project Construction Cost Estimate		2		2		2		6	\$ 1,226	\$ -	\$ 1,226	
100% Project Schedule				2				2	\$ 430	\$ -	\$ 430	
100% Regulatory permitting agencies documentation				2		2		4	\$ 686	\$ -	\$ 686	
ISO 9001 - QA/QC Review	8	2		2		2		14	\$ 3,114	\$ -	\$ 3,114	
Team Coordination Meetings (1)		2		2		2		6	\$ 1,226	\$ -	\$ 1,226	
One (1) DOA Review Submittal Meeting		2		2		2		6	\$ 1,226	\$ -	\$ 1,226	
Regulatory Permitting Agencies Meetings				1		1		2	\$ 343	\$ -	\$ 343	
Task Coordination (FAA, ATCT, DOA, Consultants, etc.)				2		2		4	\$ 686	\$ -	\$ 686	
Project Management and Administrator		4					8	12	\$ 1,848	\$ -	\$ 1,848	

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) -Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)

Billing Rate:		\$ 236	\$ 270	\$ 201	\$ 215	\$ 149	\$ 128	\$ 96	Labor Estimate (Hours)				Fee Estimate (\$)		
Task Description		QC Reviewer	Senior Project Manager	Design Manager	Senior Engineer	Structural Engineer	Project Engineer	Clerical	Total	Loaded Labor	Expenses	Total			
Phase 2	Total	10	17	26	22	0	50	0	125	\$23,306	\$0	\$23,306			
Submit Bid Documents to DOA:									0	\$ -	\$ -	\$ -			
a. Bid Drawings			1	2	2		8		13	\$ 2,126	\$ -	\$ 2,126			
b. Bid Technical Specifications				1	4		8		13	\$ 2,085	\$ -	\$ 2,085			
c. Bid Front End Specifications & FAA General Provisions				1	2		8		11	\$ 1,655	\$ -	\$ 1,655			
d. Bid Construction Phasing and Safety Plan Report				1	2		4		7	\$ 1,143	\$ -	\$ 1,143			
e. Bid Project Construction Cost Estimate				1	2		8		11	\$ 1,655	\$ -	\$ 1,655			
ISO 9001 - QA/QC Review		8							8	\$ 1,888	\$ -	\$ 1,888			
Task Management and Coordination			1	4	4				9	\$ 1,934	\$ -	\$ 1,934			
Assist DOA in Advertisement and Processing of Bid Documents			2	4	0				6	\$ 1,344	\$ -	\$ 1,344			
Prepare and attend Pre-Bid Meeting, Prepare Minutes			2	0	0		4		6	\$ 1,052	\$ -	\$ 1,052			
Prepare and Maintain Bid Holders Log			1						1	\$ 270	\$ -	\$ 270			
Respond to Contractor's Request for Information (RFI's)			1	4	4				9	\$ 1,934	\$ -	\$ 1,934			
Prepare and Issue Addenda			4	4	0		8		16	\$ 2,908	\$ -	\$ 2,908			
Attend Bid Opening Meeting			2	2	0				4	\$ 942	\$ -	\$ 942			
Prepare, Review and Evaluate Bid Tabulation and Bid Forms			1	2	2		2		7	\$ 1,358	\$ -	\$ 1,358			
Prepare and Submit Recommendation of Bid Award Letter to DOA		2	2						4	\$ 1,012	\$ -	\$ 1,012			
Total Fee - AECOM Technical Services, Inc.		40	71	26	158	0	323	16	634	\$110,686	\$600	\$111,286			
Subconsultant Fees															
1 Quantum Electrical Engineering (LS)	\$ 7,960														
Quantum Electrical Engineering (EXP)															
Total Fee - Subconsultants	\$ 7,960.00														
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 119,246.00														

Lump Sum	\$118,646
T&M	\$0.00
Expenses	\$600

Prepared by: AECOM Technical Services, Inc.

November 8, 2024

AECOM Technical Services, Inc.
Mr. Andy Kacer, P.E.
Southeast Aviation Manager
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Subject: Electrical Services Design Fee Proposal for the Palm Beach County Department of Airports (DOA) – LNA Southside Redevelopment Phases 3 and 4 – Lift Station Additional Services.

Dear Andy:

Quantum Electrical Engineering, Inc. (Quantum) is pleased to provide AECOM an electrical services design fee proposal for the Palm Beach County Department of Airports (DOA) – Palm Beach County Park Airport (LNA) Southside Redevelopment Phases 3 and 4 – Lift Station Additional Services. Original proposal assumed a package lift station, however lift station design will now be designed around the Palm Beach County Standard Lift Station. The following items are included in our scope:

- Design a new electrical and control system for (1) new duplex lift station per Palm Beach County Standards. Includes design of control panel with (2) starters, control schematics, grounding, lighting generator receptacle, transformers and surge protection. Assumes (2) 7.5hp pumps at 240V, 3 phase.
- Does not include RTU/SCADA design and assumes lift station will not be remotely monitored/controlled.
- Does not include pump design or selection and/or float level design or selection.

Our proposed total Lump-Sum fee is:

\$ 7,960.00

(See attachment breakdown)

Sincerely,



Amy L. Champagne-Baker, PE
President

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- LNA SOUTHSIDE REDEVELOPMENT PHASES 3 AND 4 - LIFT STATION ADDITIONAL SERVICES										
QUANTUM ELECTRICAL ENGINEERING, INC.										
SCOPE FEE SUMMARY										
FEE PROPOSAL ELECTRICAL SERVICES to AE 11/08/2024										
	Rate	\$170.00	\$150.00	\$145.00	\$85.00	\$140.00	\$50.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech	Field Eng.	Clerical	Total			TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Lift Station Additional Services										
Electrical Design Drawings		24	16	24			64			\$7,960.00
Total Hours	0	24	16	24	0	0	64			
Total Labor Cost	\$0.00	\$3,600.00	\$2,320.00	\$2,040.00	\$0.00	\$0.00				\$7,960.00

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



EXHIBIT A-7

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-7

Miscellaneous Architectural, Planning, Engineering and Construction Services

Palm Beach International Airport (PBI A)

**Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections
CA Services**

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (AECOM or CONSULTANT) provide professional services for the Task I-24-PBI-A-036: PBI Roof Replacement CA Additional Services Project (Project). This Project provides additional services for the Task I-22-PBI-A-074: PBI Roof Replacement CA Phase Project (Original Project). In the Original Project, AECOM provided CA Services for the DOA’s CMAR to replace the PBI Terminal Roof under DOA Contract MC16 Terminal Roof Improvements. The Condensation Corrections were added to MC16 under C.O. 7 (Field Bulletin #5).

PROJECT TEAM

Firm Name (CONSULTANT / SUBCONTRACTOR)	Type of Services
AECOM Technical Services, Inc. (CONSULTANT)	Management/Administration and CA Services
Quantum Electrical Engineering, Inc. (QEE)	Electrical CA Services
Colome and Associates (C&A)	Architectural CA Services
Johnson, Levinson, Ragan, Davila, Inc.	Mechanical CA Services

Task I – CA Services

This Project provides professional services for additional CA services related to the: PBI Terminal Roof Replacement and for the incorporation of correction to the Third Level Condensation Issues into the Roof Replacement Project (Total 56 Weeks). The

AECOM will provide the following CA Services:

- A. Conformed Documents: Prepare (6) sets of Conformed Contract Plans and Specifications for Contract Execution. Prepare (6) sets of Executed Contract Documents for Construction, (4) for DOA and (2) for the CMAR. Prepare a CD with Deliverables;
- B. Conferences and Meetings: Attend and support/facilitate 36 meetings between the DOA, CMAR, and Stakeholders, such as progress meetings (a maximum of 4 meetings during procurement, 28 bi-weekly construction progress meetings, plus 4 miscellaneous meetings);
- C. 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;
- D. Interpretation and clarification of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries;
- E. 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. Record names, addresses and telephone numbers of all Contractors, subcontractors and major suppliers of material and equipment;
- F. Periodic site visits to monitor construction activity;
- G. AECOM will be responsible for preparation, processing, review and document control of Change Orders, Field Instructions, Field Bulletins, Construction Change Proposals and Directives.
- H. AECOM will review Contractor as-builts for completeness and obvious errors based on readily available information to AECOM. AECOM will provide comments prior to acceptance of the Contractor's As-builts.
- I. Substantial and Final Completion: Conduct substantial and final completion inspection in the company of the owner, and Contractor and prepare a substantial completion, and if necessary a final punch list of items in conjunction with Owner to be completed or corrected;
- J. AECOM will use all readily available information including the Contractor's As-builts to prepare Record Drawings for the completed work;
- K. Task Management and Coordination: Coordinate as needed with DOA, CMAR, and other Project stakeholders; and
- L. Project Close-out Activities: AECOM will prepare Certificate of Substantial Completion and other Project related Close-out activities.

PROJECT SCHEDULE

Project services are anticipated to last approximately 56 Weeks.

PROJECT DELIVERABLES

Project Deliverables are as described in the above-mentioned Task I.

PROJECT ASSUMPTIONS

1. AECOM shall not be responsible for the means, methods, techniques, sequences, procedures of construction or selection of materials selected by the CMAR or the safety precautions and programs incident to the work of the CMAR. AECOM shall not guarantee the performance of the Contractor nor be responsible for the acts, errors, omissions, or the failure of the CMAR to perform the construction work in accordance with the Contract Documents.
2. AECOM will perform all services listed in this scope of services and it is expected that the DOA will perform all other construction related services that are not listed.
3. 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 CMAR, and is only responsible for providing recommendations to the DOA based on the available information.

Exhibit B-1

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-PBI-A-036: PBI Roof Replacement CA Additional Services

Billing Rate:	\$ 340	\$ 236	\$ 270	\$ 201	\$ 128	\$ 98	\$ 216	\$ 96
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Task Description	Labor Estimate (Hours)									Fee Estimate (\$)			
	Principal	QC Reviewer	Senior Project Manager	Construction Manager	Project Engineer	Resident Project Representative	Senior Structural Engineer	Clerical	Total	Labor	Expenses	Total	
CONSTRUCTION ADMINISTRATION SERVICES (LUMP SUM + REIM.)	0	6	62	250	228	0	164	40	750	\$136,854	\$1,900	\$138,754	
A Prepare Conformed Documents		2		2	8				12	\$ 1,898	\$ 600	\$ 2,498	
B Meetings (36 Const Meetings)			18	72			36		126	\$ 27,108		\$ 27,108	
C Process Review and Approve Shop Drawings and Submittals			4	40	40		36		120	\$ 22,016		\$ 22,016	
D Interpretation and Clarification of Contract Documents/RFI's			4	40	24		40		108	\$ 20,832		\$ 20,832	
E Establish and Maintain Project Records				2	2				4	\$ 658		\$ 658	
F Periodic Site Visits (28) (two people 2 hours per visit for 28 weeks)			4	28	56		28		116	\$ 19,924	\$ 800	\$ 20,724	
G Review/Processing of Change Orders, Field Instructions, Field Bulletins, Construction Change Proposals and Directives			4	32	32		24		92	\$ 16,792		\$ 16,792	
H As Built Review			2	6	6				14	\$ 2,514		\$ 2,514	
I Substantial w/ Punch List and Final Completion Inspection				12	12				24	\$ 3,948	\$ 500	\$ 4,448	
J Prepare Record Drawings		4	2	8	40				54	\$ 8,212		\$ 8,212	
K Task management and Coordination				16				40	56	\$ 8,160		\$ 8,160	
L Project Closeout				8	8				24	\$ 4,792		\$ 4,792	
Total Fee - AECOM Technical Services, Inc.	0	6	62	250	228	0	164	40	750	\$136,854	\$1,900	\$138,754	
Subconsultant Fees Task 1.0													
Quantum Electrical Engineering, Inc. (LS)													
Quantum Electrical Engineering, Inc. (Exp.)													
Colome & Associates (LS)													
Colome & Associates (Exp)													
Johnson, Levinson, Ragan, Davila, Inc (LS)													
Johnson, Levinson, Ragan, Davila, Inc. (EXP)													
Tierra South Florida (T&M)													
Total Fee - Subconsultants													
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES													

Task 1.0 (Lump Sum)	\$223,614.44
Task 2.0 (Time & Material)	\$29,682.80
Expenses	\$1,900.00
Total	\$255,197.24

Prepared by: AECOM Technical Services, Inc.

QUANTUM

Electrical Engineering, Inc.

March 29, 2024

AECOM Technical Services, Inc.
Mr. Dennis G. Combs P.E.
Associate Vice President, Aviation Project Manager
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Subject: Electrical Services Fee Proposal for the Palm Beach County Department of Airports (DOA) – PBI A 3rd Level Ticketing Condensation Project.

Dear Dennis:

Quantum Electrical Engineering, Inc. (QUANTUM) is pleased to provide AECOM an electrical services fee proposal for the PBI A 3rd Level Ticketing Condensation Project. Our scope is based on the CMAR's Comments on the Constructability Document Set date 1/12/24.

- Includes coordination meetings with DOA and AECOM Design Team
- Includes record drawings reviews & on-site electrical assessment of existing conditions.
- Includes layout plans showing the removal and reinstallation of existing lighting fixtures, fire alarm speaker/strobe devices and public address (PA) speakers in support of the Architectural and Mechanical scopes of work.
- AECOM shall provide all base files to QUANTUM in AutoCAD 2022.
- QUANTUM shall provide 1-set of electronic electrical plans & specifications to AECOM for permit documents.
- AECOM shall provide all printing of plans & specifications for reviews.
- Does not include construction services.

Our proposed total Lump-Sum fee is:
(See attachment breakdown)

\$3,560.00

Sincerely,



Amy L. Champagne-Baker, PE
President

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS - PBIA 3RD LEVEL TICKETING CONDENSATION PROJECT										
QUANTUM ELECTRICAL ENGINEERING, INC.										
SCOPE FEE SUMMARY										
FEE PROPOSAL ELECTRICAL DESIGN to AE 3/29/2024										
	Rate	\$170.00	\$150.00	\$145.00	\$85.00	\$140.00	\$50.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech	Field Eng.	Clerical	Total			TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses		TASK COST
Task 1 Design Documents										
Design Review Mtgs DOA,AE		1					1			\$150.00
On site verifications\Discovery Phase		2					2			\$300.00
Electrical Design Drawings		4	8	8			20			\$2,440.00
Specifications & Cost Estimate		2				1	3			\$350.00
QA/QC & Comment Incorporation		1		2			3			\$320.00
Subtotal	0	10	8	10	0	1	29			\$3,560.00
Grand Total Hours	0	10	8	10	0	1	29			\$3,560.00
Grand Total Labor Cost	\$0.00	\$1,500.00	\$1,160.00	\$850.00	\$0.00	\$50.00				

October 25, 2024

Mr. Andy Kacer, P.E.
AECOM
2090 Palm Beach Lakes Blvd., Suite 600
West Palm Beach, Florida 33409

Re: **PBIA Main Terminal Moisture Control (3rd Floor Ticketing)**
Architectural Construction Administration Phase

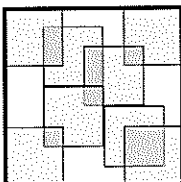
Palm Beach International Airport - West Palm Beach, Florida

Dear Mr. Kacer:

Enclosed is Colomé & Associates, Inc.'s proposal for architectural construction administration services for the proposed PBIA Terminal Moisture Control at the Third Floor Ticketing Level at the Palm Beach International Airport in West Palm Beach, Florida.

The scope of work shall include the following:

- Construction Administration
 - Provide Conforming Architectural drawings for construction.
 - Attend preconstruction meeting.
 - Attend (16) bi-weekly construction project meetings and observe the progress and quality of the executed work and to determine in general if the work is proceeding in accordance with the Contract Documents. The Architect shall not be required to make exhaustive or continuous on-site inspections to check the quality of work, nor shall the Architect be responsible for the means, methods, techniques or procedures of construction selected by Contractor(s).
 - Prepare architectural Field Observation reports and review of Contractor's change order proposals during the construction phase.
 - Review and approve the Contractor's architectural shop drawings, or take other appropriate action, but only for the limited purpose of checking for conformance with information given and the design concepts expressed in the contract documents.
 - Prepare phased architectural substantial and final punch list.
 - Prepare Final architectural "As-Built" CAD and PDF files for owner based on general contractor's record drawings.
 - Review Contractor's Change Orders associated with architectural elements.
 - Expenses – (Included in the Construction Administration Phase Fees)



Colomé & Associates, Inc.

Florida Registration AA0003439

Architecture □ Planning □ Interiors

530 24th Street □ West Palm Beach, Florida 33407 □ Telephone: (561) 833-9147 □ Facsimile: (561) 833-9356 □ E-mail: colome@colome-arch.net

- Fees
- Architectural Construction Administration Phase and Expenses: Fees for performing services as outlined above shall be based upon the stipulated lump sum of thirty-nine thousand four hundred thirty-six dollars and ninety-four (\$39,436.94) cents.
- Additional Services
 - Additional Services as requested by the Owner shall be based on the Architectural Hourly Basis as set forth in the executed AECOM Contract Agreement for Architectural Services or stipulated lump sum.
 - Items excluded from this professional services fee proposal:

The following items are not included as part of this professional services fee proposal: This proposal does not include: Fees related to project applications, registrations, on site roof inspections, engineering professional services, roof material testing, review of contractors scaffolding and safety submittals, and re-design as a result of value engineering.

G24. FS558.0035. –PURSUANT TO FLORIDA STATUTE 558.0035, AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

Sincerely,



Elizabeth A. G. Colome' – Architect

Labor/Fee Estimate Summary (Colome & Associates, Inc.) - PBIA TERMINAL MOUISTURE CONTROL (3RD LEVEL TICKETING CA PHASE)

Billing Rate:	\$ 169.04	\$ 138.65	\$ 85.96	\$ 43.68
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Colome' & Associates, Inc.
 ARCHITECTURE- PLANNING- INTERIORS
 Florida Registration - AA 0003439
 539 24th Street West Palm Beach Florida 33407
 Phone: (561) 833-9147 Fax: (561) 833-9356

		Labor Estimate (Hours)								Labor Total	Expenses	Total
		Principal		Sn. Project Manager		Architect Drafting		Clerical				
Task Description	Total	16		178		127		26		\$39,436.94	\$0.00	\$39,436.94
Architect Administration												
Pre-Bid Meeting			\$0.00	4	\$554.60	4	\$343.84		\$0.00	\$ 898.44		\$ 898.44
Pre-Construction Meeting			\$0.00	4	\$554.60	4	\$343.84		\$0.00	\$ 898.44		\$ 898.44
Field Visits During Construction			\$0.00	14	\$1,941.10	8	\$687.68		\$0.00	\$ 2,628.78		\$ 2,628.78
Subconsultant Coordination			\$0.00	8	\$1,109.20	6	\$515.76	2	\$87.36	\$ 1,712.32		\$ 1,712.32
												\$6,137.98
Construction Administration Services												
Prepare Architectural Conforming Drawings	2	\$338.08		4	\$554.60	24	\$2,063.04	2	\$87.36	\$ 3,043.08		\$ 3,043.08
RFI Review / Response	2	\$338.08		18	\$2,495.70	14	\$1,203.44	6	\$262.08	\$ 4,299.30		\$ 4,299.30
Bi-Weekly Construction Project Meetings	4	\$676.16		42	\$5,823.30	8	\$687.68		\$0.00	\$ 7,187.14		\$ 7,187.14
Submittal / Shop Drawing Review	2	\$338.08		28	\$3,882.20	16	\$1,375.36	4	\$174.72	\$ 5,770.36		\$ 5,770.36
Field Observation Reports	1	\$169.04		20	\$2,773.00	10	\$859.60	4	\$174.72	\$ 3,976.36		\$ 3,976.36
Field Bulletins / Change Order Reviews	1	\$169.04		16	\$2,218.40	8	\$687.68	2	\$87.36	\$ 3,162.48		\$ 3,162.48
Substantial Comp. Punch List - (Phased)	2	\$338.08		8	\$1,109.20	8	\$687.68	2	\$87.36	\$ 2,222.32		\$ 2,222.32
Final Completion Punch List - (Phased)	2	\$338.08		8	\$1,109.20	8	\$687.68	2	\$87.36	\$ 2,222.32		\$ 2,222.32
Close Out Documents		\$0.00		2	\$277.30	1	\$85.96	2	\$87.36	\$ 450.62		\$ 450.62
As-Builts		\$0.00		2	\$277.30	8	\$687.68		\$0.00	\$ 964.98		\$ 964.98
												\$33,298.96
Grand Total	16.00	\$2,704.64		178.00	\$24,679.70	127.00	\$10,916.92	26.00	\$1,135.68	\$6,137.98	\$0.00	\$39,436.94

Source: Colome' & Associates, Inc.

October 25, 2024

Mr. Andy Kacer, P.E.
AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, Florida 33607

Re: **PBI Terminal Roof Improvements 4TH Level:**
(Add Services No. 2) – Mechanical Penthouse Revisions
West Palm Beach, Florida

P.O. No. 146075

Dear Mr. Kacer:

Enclosed is Colome' & Associates, Inc.'s Additional Service No. 2 Request for additional professional architectural services performed by our firm for the above referenced project.

Per the request of AECOM and Palm Beach County DOA enclosed is Colome' & Associates, Inc.'s Additional Service Request for the following owner requested items; to revise the previously provide bid set / permit drawings and specifications for the proposed added work to the existing (6) mechanical penthouses including additional construction administration phase related to this added work.

Upon receipt of your written authorization, this firm will proceed with this project based on the compensation rate as follows: Fees for performing services as outlined above shall be based upon the stipulated lump sum of seven thousand four hundred sixteen dollars and sixty-one (\$7,416.61) cents, per general conditions of the Subconsultant Agreement for Professional Services.

If you should have any questions, please do not hesitate to contact me. Furthermore, please let us know if you are in agreement with this proposal by signing one copy and returning it to our office.

Sincerely,

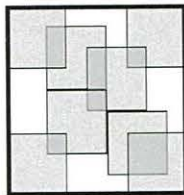
COLOME' & ASSOCIATES, INC.



ELIZABETH A. G. COLOME'

APPROVED AND ACCEPTED THIS

DAY OF _____, 2024
BY: _____



Colomé & Associates, Inc.

Florida Registration AA0003439

Architecture □ Planning □ Interiors

530 24th Street □ West Palm Beach, Florida 33407 □ Telephone: (561) 833-9147 □ Facsimile: (561) 833-9356 □ E-mail: colome@colome-arch.net



Labor/Fee Estimate Summary (Colome & Associates, Inc.) - DOA PBI TERMINAL ROOF REPLACEMENT - (ADD SERVICE NO. 2 Mechanical Penthouse Revisions)

Billing Rate:	\$ 169.04	\$ 138.65	\$ 85.96	\$ 43.68
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Colome' & Associates, Inc.
 ARCHITECTURE • PLANNING • INTERIORS
 Florida Registration - AA 0003439
 938 24th Street West Palm Beach, Florida 33407
 Phone: (561) 933-9147 Fax: (561) 933-9329

		Labor Estimate (Hours)							Labor Total	Expenses	Total	
		Principal	Project Manager	Architect	Drafting	Clerical						
Architectural Permit Drawing Revisions												
Task Description	Total	3	21	46		1		\$7,416.61	\$0.00	\$7,416.61		
Architectural Permit / Construction Documents / CA Phases												
Architectural Drawing - Revisions for Mech Penthouses	2	\$338.08	6	\$831.90	42	\$3,610.32	1	\$43.68	\$ 4,824	\$ 4,824		
QA/QC & Production	1	\$169.04	4	\$554.60		\$0.00		\$0.00	\$ 724	\$ 724		
DOA/Design Team/CM Coordination		\$0.00	4	\$554.60	2	\$171.92		\$0.00	\$ 727	\$ 727		
Implement Permit Review Comments		\$0.00	1	\$138.65	2	\$171.92		\$0.00	\$ 311	\$ 311		
Architectural CA Phase Services - Revisions for Mech Penthouses		\$0.00	6	\$831.90		\$0.00		\$0.00	\$ 832	\$ 832		
Grand Total		3.00	\$507.12	21.00	\$2,911.65	46.00	\$3,954.16	1.00	\$43.68	\$7,416.61	\$0.00	\$7,416.61

Source: Colome' & Associates, Inc.

October 25, 2024

Mr. Andy Kacer, P.E.
AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, Florida 33607

Re: **PBI Terminal Roof Improvements 4TH Level:**
(Add Services No. 3) – Extended CA Phase Architectural Services
West Palm Beach, Florida

P.O. No. 146075

Dear Mr. Kacer:

Enclosed is Colome' & Associates, Inc.'s Additional Service No. 3 Request for additional professional architectural construction administration phase services performed by our firm for the above referenced project.

Per the request of AECOM and Palm Beach County DOA enclosed is Colome' & Associates, Inc.'s Additional Service Request for the following owner requested items; to provide additional architectural construction administration phase from the original estimated project completion of April 2024 to November 2024, including RFI reviews, field work related to RFI reviews, submittal reviews, additional construction meetings, and change order reviews.

Upon receipt of your written authorization, this firm will proceed with this project based on the compensation rate as follows: Fees for performing services as outlined above shall be based upon the stipulated lump sum of twenty-seven thousand four hundred eighty-nine dollars and seventy-four (\$27,489.74) cents, per general conditions of the Subconsultant Agreement for Professional Services.

If you should have any questions, please do not hesitate to contact me. Furthermore, please let us know if you are in agreement with this proposal by signing one copy and returning it to our office.

Sincerely,

COLOME' & ASSOCIATES, INC.

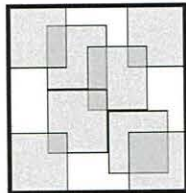


ELIZABETH A. G. COLOME'

APPROVED AND ACCEPTED THIS

DAY OF _____, 2024

BY: _____



Colomé & Associates, Inc.

Florida Registration AA0003439

Architecture □ Planning □ Interiors

530 24th Street □ West Palm Beach, Florida 33407 □ Telephone: (561) 833-9147 □ Facsimile: (561) 833-9356 □ E-mail: colome@colome-arch.net

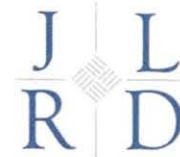


Labor/Fee Estimate Summary (Colome & Associates, Inc.) - PBI MAIN TERMINAL ROOF REPLACEMENT - (ADD SERVICE NO. 3 - Extended CA Phase Services to Nov-2024)											
Billing Rate:		\$ 169.04	\$ 138.65	\$ 85.96	\$ 43.68						
Labor Estimate (Hours)											
Task Description	Principal		Sn. Project Manager		Architect Drafting		Clerical		Labor Total	Expenses	Total
Architectural Construction Administration Phase to Nov 2024											
Task Description	Total	7	110		122		13		\$27,489.74	\$0.00	\$27,489.74
Architect Administration											
Additional Field Work for RFI's Reviews During Construction		\$0.00	6	\$831.90	10	\$859.60		\$0.00	\$ 1,692		\$ 1,692
Subconsultant Coordination		\$0.00	6	\$831.90	8	\$687.68	2	\$87.36	\$ 1,607		\$ 1,607
											\$3,298.44
Construction Administration Services											
RFI Review / Response / Revised Drawings	4	\$676.16	24	\$3,327.60	88	\$7,564.48	6	\$262.08	\$ 11,830		\$ 11,830
Bi-Weekly Construction Project Meetings		\$0.00	42	\$5,823.30		\$0.00		\$0.00	\$ 5,823		\$ 5,823
Submittal / Shop Drawing Review	2	\$338.08	20	\$2,773.00	12	\$1,031.52	4	\$174.72	\$ 4,317		\$ 4,317
Change Order Reviews	1	\$169.04	12	\$1,663.80	4	\$343.84	1	\$43.68	\$ 2,220		\$ 2,220
											\$24,191.30
Grand Total	7.00	\$1,183.28	110.00	\$15,251.50	122.00	\$10,487.12	13.00	\$567.84	\$3,298.44	\$0.00	\$27,489.74



Colome' & Associates, Inc.
 ARCHITECTURE PLANNING INTERIORS
 Florida Registration - AA 0003439
 530 24th Street West Palm Beach Florida 33407
 Phone: (561) 833-9147 Fax: (561) 833-9356

Source: Colome & Associates, Inc.



JOHNSON, LEVINSON,
RAGAN, DAVILA, INC.
CONSULTING ENGINEERS

1450 Centrepark Boulevard, Suite 350
West Palm Beach, FL 33401
(561) 689-2303 • (561) 689-2302 Fax
www.jlrdinc.com

AUTHORIZATION FOR ENGINEERING SERVICES

CLIENT: Mr. Andrew Kacer, P. E., Vice President – Airports
AECOM Technical Services, Inc.

PROJECT: PBIA Terminal Roof Improvements
Ticketing Level Condensation
Task III-PBI-A-057

DATE: October 29, 2024

JLRD PROJECT NO.: 120074

In accordance with the contract for the above referenced project, JLRD, Inc. is hereby authorized to perform the Engineering Services requested by AECOM, Inc. (the Client) as outlined below:

SCOPE:

1. Perform construction administration tasks associated with the above referenced scope. To include bi-weekly OAC meetings, review submittals (2 rounds), review and respond to RFIs, and perform construction progress site visits monthly.
2. Construction duration is estimated to last 56 weeks (about 12 months)

FEES:

1. The above-mentioned scope shall be provided based upon a lump-sum fee amount as follows:
- *Eight Thousand Eighty Hundred Fifty-Seven Dollars and Fifteen Cents (\$8,857.15)*

TIME OF PERFORMANCE:

1. Design services will be completed with due and reasonable diligence after receipt of this executed authorization.

Accepted By:

Date:

DESIGN LABOR BREAKDOWN														
TASK	HOURS												Tot	Cost
	Principal		PE		Eng		Sr. Dsgn		Dsgn		Off Hours			
	M	E	M	E	M	E	M	E	M	E	M	E		
BASE DESIGN SCOPE														
231.75	231.75	151.51	151.51	91.64	91.64	110.86	110.86	83.17	83.17	137.39	137.39	67.08	85.93	
Task 1														
RFIs / Submittals / Subs Review			2				8							2
OAC Meetings							36							36
Construction Progress Site Visits							18							4
Substantial Completion Observation - Close out							3							3
As-Built Documents							1						4	5
Warranty Inspection							2							2
General Project Management	1													1
BASE SUBTOTAL	1	0	2	0	0	0	68	0	0	0	0	0	4	6
JLRD DIRECT LABOR	1	0	2	0	0	0	68	0	0	0	0	0	4	6
SUBCONTRACTORS														
NONE														
DH&P @ 10%														
SUBCONTRACTOR SUBTOTAL														
EXPENSES														
Travel														
Parking														
Overnights														
Hotel & Meals														
Reproduction														
Large Format Docs														
9.5" x 11" Report, Systems Manuals														
EXPENSES SUBTOTAL														
SUMMARY														
JLRD DIRECT LABOR														\$ 8,857.15
SUBCONTRACT														
EXPENSES														



October 25, 2024

AECOM
2 Alhambra Plaza, Suite 900
Coral Gables, Florida 33134
Attn: Andrew Kacer | Florida Lead - Airports
Email: andy.kacer@aecom.com
Phone: (352) 634-4363

Subject: Proposal for Special Inspection and Construction Material Testing Services
PBI Roof Repairs and Condensation Improvements (Task I-24-PBI-A-036)
West Palm Beach, Florida
TSFGEO Proposal No. 2410-642

Dear Mr. Kacer:

As requested, Tierra South Florida, Inc. (TSFGEO) is pleased to submit this proposal for providing Construction Material Testing and Special Inspection Services for the above-referenced project. Herein, we provide a general discussion of services that we understand will be required for this project, present our Schedule of Fees for such services.

PROJECT DESCRIPTION

Our proposal is based on preliminary information provided to this office. We understand that the project consists of roof reinstallation on the Terminal Building at PBI. Based on preliminary schedule, the project duration is estimated to be completed in April 2025

QUALIFICATIONS

TSFGEO is a recognized SBE consulting engineering and testing firm providing integrated services in several disciplines, including geotechnical engineering, construction services, materials engineering & testing, roof & pavement consulting, threshold services, and facilities consulting and engineering.

TSFGEO's Florida offices, located in West Palm Beach, Miami and Tampa, have over 40 engineers, inspectors, and support staff available to assist our clients. Our inspectors are ACI and AWS trained/certified in their respective disciplines, as required by building codes and industry standards. Our engineering staff includes registered professional engineers with significant construction experience in South Florida.

TSFGEO has earned a reputation for delivering quality service at reasonable costs. TSF has successfully completed thousands of projects for a variety of industries and organizations, including private, corporate and industrial clients, medical facilities, civilian and military agencies of the federal, state and local governments, colleges and universities, and local education agencies.

PROPOSED SCOPE OF SERVICES

We recognize that construction projects are built in the "real world" and that proposed schedules do not always work out. Therefore, we appreciate the importance of being able to respond to requests for our services on short notice and of working hours other than the normal schedule, including nighttime work and weekend work.

Based on the experience we have had in other projects like this and our understanding of the project requirements, we anticipate that the following testing services will be required during the design and construction phases of the project.

CONSTRUCTION MATERIAL TESTING SERVICES

Construction Materials Testing

- Conduct slump, and temperature testing on concrete
- Mold compressive strength test cylinders (4 cylinders per set)
- Mold compressive strength tests prisms (4 prisms per set)

SPECIAL INSPECTION SERVICES

- Observe areas after demolition and prior to applying new roofing materials.
- Observe application.
- Observe drain and flashing installation.
- Observe placement of reinforcing steel in roof driveways.
- Monitor concrete placement.
- Provide weekly reports documenting laboratory tests and field data to appropriate parties.
- Provide a final compliance letter that all inspected work was performed as per Florida Building Code, project specifications and Palm Beach County requirements.

PROFESSIONAL SERVICES

- Professional Engineer registered in the State of Florida, to supervise field and laboratory activities, review and sign/seal daily laboratory and field reports.
- Administrative / Clerical Assistant to prepare and distribute reports.

Please note that our services do not include supervision or direction of the actual work. Job site safety will be the sole responsibility of the contractor. Construction defects not related to structural works, such as water penetration (in roofing, windows, doors, louvers), and building finishings (interior, exterior), stairs (railings, surface finish, tread/riser ratio) are not part of our scope of work. TSFGeo cannot be responsible for non-structural defects that could lead to structural elements failures down the road.

In this proposal the words “inspection” and “verify” are used to mean observation of the work and the conducting of tests by TSF to determine substantial compliance with plans, specifications and design concepts.

ESTIMATED FEES

The actual fees of our work will be highly dependent on the construction schedule. We propose to provide our work on a unit cost basis; based on the actual work performed and the unit fees attached to this proposal. Invoices will be submitted monthly for the portion of work completed. An estimate for each proposed task is indicated below:

Construction Material Testing:	\$ 1,700.00
Special Inspection Services	<u>\$ 27,982.80</u>

Construction Material Testing and Special Inspection Services Total: \$ 29,682.80

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



Wilson Gonzalez
Construction Operations Manager



Stephen Hey
Construction Services Manager

Attachments: Unit Fee Schedule
 General Notes – Authorization
 General Conditions

Fees Breakdown

Construction Materials Testing Services

ITEM	Quantity	Rate	Units	Extended
Field and Laboratory Testing Services				
CONCRETE/GROUT/MORTAR:				
Concrete Compression Test (Min four (4) cylinders per set)	10	\$ 150.00	set	\$ 1,500.00
Prepare cylinders & slump test on site & deliver to lab				
Additional Cylinders/Prisms (each)	10	\$ 20.00	each	\$ 200.00
Subtotal				\$ 1,700.00

Special Inspection Services

ITEM	Quantity	Units	Rate	Extended
Professional and Technical Services				
Threshold Inspector Representative	235	\$101.88	hour	\$ 23,941.80
Principal Engineer	15	\$269.40	hour	\$ 4,041.00
Total Estimated Fees				\$ 27,982.80

General Notes:

Please note the following procedures will apply to our services:

- 1- Field work hours for inspectors are Monday thru Friday, 8:00AM to 5:00PM.
- 2- We need 24 hours notice by contacting our office (561) 687-8536 prior to any site visit.
- 3- We can accommodate weekend inspections if necessary with a minimum of 48 hours notice.
- 4- Field work beyond 8 hours/day, night time and weekends (OT) will be billed at the regular rate times 1.5
- 5- Hours are billed from portal to portal in whole hour increment with a minimum of 3 hours per trip.
- 6- Stand-by time will be billed at hourly rate listed.

AUTHORIZATION

AUTHORIZED BY:	INVOICE TO:
Name:	Firm:
Title:	Name:
Date:	Address:
	Phone :

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



EXHIBIT A-8

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A

Miscellaneous Planning, Engineering and Construction Services

Palm Beach International Airport (PBI)

Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (CONSULTANT) provide Professional Engineering Services under this Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services) Project (Project). The services for this Project are to perform Bid Support Services for the re-bidding of the PBI Repairs to Short Term and Long-Term Garage 3 (PB24-15). The new repackaged Bid Documents will be entitled PBI Repairs to Short Term and Long-Term Garage 3 (PB24-15). This Project will include developing, then incorporating, the following into PB24-26: Repair of a Non-Structural Crack at diaphragm between beams at Bridge 8, Exposed Rebar repair at STPG Stair 3 Landing Slabs at Levels 5 & 6, and 3, and Expansion Joint Replacement between STPG & Terminal Building at Roof Level.

Project Team

This Project Team for the Professional Engineering Services to be provided by the Team are provided below:

Firm Name (CONSULTANT/SUBCONSULTANT)	Type of Services
AECOM Technical Services, Inc. (AECOM) (CONSULTANT)	Project Management and Structural Design

The scope of this Project is to Repackage the PBI Repairs to Short Term and Long-Term Garage 3 (PB24-15) Project to develop the new repackaged Bid Documents entitled PBI Repairs to Short Term and Long-Term Garage 3 (PB24-15). This Project will include developing, then incorporating, the following into PB24-26: Repair of a Non-Structural Crack at diaphragm between beams at Bridge 8, Exposed Rebar repair at STPG Stair 3 Landing Slabs at Levels 5 & 6, and 3, and Expansion Joint Replacement between STPG & Terminal Building at Roof Level as described below:

1. Repair of Non-Structural Crack at diaphragm between beams at Bridge 8 (sheet B8-1). The DOA has requested a repair of the reported vertical crack at Bridge 8 (approach to the Terminal), between the southernmost exterior beams in Spans 4 and 5, at Intermediate Bent B5. Scope included an investigative field visit to assess the reported deficiency. This repair was incorporated into the Phase 2 Re-Bid Plans.
2. Exposed Rebar repair at STPG Stair 3 Landing Slabs at Levels 5 & 6 (sheets ST-1 & ST-2). The DOA has requested AECOM to prepare repair procedure for locations with exposed rebar at Stair 3 of STPG, Levels 5 & 6. This repair was incorporated into the Phase 2 Re-Bid Plans.
3. Expansion Joint Replacement between STPG & Terminal Building at Roof Level (sheet STG-2). The DOA has requested a repair to the deficient Expansion joint, which is located at STPG, between the Garage and the Terminal Building, at roof level. Approximately 246 feet of this joint is to be replaced. This repair was incorporated into the Phase 2 Re-Bid Plans.

Bid & Award Services

After authorization to proceed with the Bidding Phase, CONSULTANT will assist the DOA in advertising for and obtaining bids via the County's Vendor Self-Service Website. CONSULTANT will support the DOA in conducting a pre-bid conference 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.

Deliverables

- PDF copy of the Bid Documents
- Pre-Bid Conference Agenda and Meeting Minutes
- Addenda as required during the bid process
- Bid Tabulation
- Bid Recommendation Letter

5.1 Schedule

The anticipated duration of this phase is 90 calendar days.

Assumptions:

1. DOA will provide all record documents applicable to this task.
2. DOA will pay for all permitting costs.
3. Construction Administration and Resident Project Representative Services are not included in this scope of services. The CONSULTANT will perform Construction Administration and Resident Project Representative Services via a separate task order if requested.

4. In providing opinions of probable construction costs, the DOA understands that the CONSULTANT has no control over costs or the price of labor, equipment, or materials or over the Contractor's method of pricing and that the opinions of probable construction costs provided herein shall be based on the CONSULTANT'S qualifications and experience. The CONSULTANT makes no warranty, expressed or implied, of the accuracy of such opinions compared to bid or actual costs.
5. CONSULTANT 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. The CONSULTANT shall not guarantee the Contractor's performance nor be responsible for the Contractor's acts, errors, omissions, or failure to perform the construction work in accordance with the Contract Documents.

Table B

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)

Billing Rate:	\$ 98	\$ 236	\$ 270	\$ 255	\$ 201	\$ 149	\$ 128	\$ 129	\$ 96
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Task Description	Labor Estimate (Hours)										Fee Estimate (\$)			
	RPR	QC Reviewer	Senior Project Manager	Senior Structural	Design/Construction Manager	Structural Engineer	Project Engineer	Planner	Clerical	Total	Labor	Expenses	Total	
Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)														
Develop Advance Bid Documents	Total	0	16	22	30	23	0	40	0	8	139	\$27,877	\$200	\$28,077
Incorporate Bridge 8 Repair of Non-Structural Crack				2	6	3		6			17	\$ 3,441	\$ -	\$ 3,441
Incorporate STPG Exposed Rebar Repair at Landing Slabs:				2	6	3		6			17	\$ 3,441	\$ -	\$ 3,441
Incorporate STPG Roof Level Expansion Joint Replacement:				2	6	3		6			17	\$ 3,441	\$ -	\$ 3,441
Develop Advance Bid Documents				2	8	8		16			34	\$ 6,236	\$ -	\$ 6,236
Advance Bid Project Construction Cost Estimate				2	2	2		2			8	\$ 1,708	\$ -	\$ 1,708
QA QC Advance Bid Documents		16									16	\$ 3,776	\$ -	\$ 3,776
Submit Advance Bid Documents				2		2		4			8	\$ 1,454	\$ 200	\$ 1,654
Design Review Meeting Advance Bid Documents				2	2	2					6	\$ 1,452	\$ -	\$ 1,452
Task Management and Coordination				8					8		16	\$ 2,928	\$ -	\$ 2,928
Phase 2 BID AND AWARD SERVICES	Total	0	10	22	3	35	23	50	0	8	151	\$26,695	\$200	\$26,895
Bid Drawings				2		2	2	12			18	\$ 2,776	\$ -	\$ 2,776
Bid Technical Specifications				1		1	1	4			7	\$ 1,132	\$ -	\$ 1,132
Bid Front End Specifications & FAA General Provisions				1		4	1	4			10	\$ 1,735	\$ -	\$ 1,735
Bid Project Construction Cost Estimate				1	1	1		2			5	\$ 982	\$ -	\$ 982
ISO 9001 - QA/QC Review		8									8	\$ 1,888	\$ -	\$ 1,888
Submit Bid Documents				2		2		2			6	\$ 1,198	\$ 200	\$ 1,398
Assist DOA in Advertisement and Processing of Bid Documents				2		2		2			6	\$ 1,198	\$ -	\$ 1,198
Prepare and attend Pre-Bid Meeting, Prepare Minutes					2	2	2	2			8	\$ 1,466	\$ -	\$ 1,466
Prepare and Maintain Bid Holders Log								4			4	\$ 512	\$ -	\$ 512
Respond to Contractor's Request for Information (RFI's)				2		6	6	6			14	\$ 2,640	\$ -	\$ 2,640
Prepare and Issue Addenda		2		2		12	8	12			36	\$ 6,152	\$ -	\$ 6,152
Attend Bid Opening Meeting								4			4	\$ 512	\$ -	\$ 512
Prepare, Review and Evaluate Bid Tabulation and Bid Forms						1	1	2			4	\$ 606	\$ -	\$ 606
Prepare and Submit Recommendation of Bid Award Letter to DOA				1		2	2				5	\$ 970	\$ -	\$ 970
Task Management and Coordination				8					8		16	\$ 2,928	\$ -	\$ 2,928
Total Fee - AECOM Technical Services, Inc.		\$ -	\$ 6,136.00	\$ 11,880.00	\$ 8,415.00	\$ 11,658.00	\$ 3,427.00	\$ 11,520.00	\$ -	\$ 1,536.00	290	\$ 54,572	400	\$ 54,972
Subconsultant Fees														
1 Total Subconsultant Fee	\$ -													
Total Fee - Subconsultants	\$ -													
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES	\$ 54,972.00													

Lump Sum	\$54,572.00
TM	\$0.00
Expenses	\$400.00
	\$54,972.00

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

Tasks	Lump Sum	T&M	Expenses	Total
Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services	\$ 76,454.00	\$ 213,760.00	\$ 4,500.00	\$ 294,714.00
Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services	\$ 31,069.00	\$ 45,560.00	\$ -	\$ 76,629.00
Task I-23-PBI-A-032 PBI Garage Additional Services	\$ 182,164.00	\$ -	\$ -	\$ 182,164.00
Task I-24-DOA-A-033: Miscellaneous Planning & Engineering Services	\$ -	\$ 50,000.00	\$ -	\$ 50,000.00
Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments	\$ 217,552.00	\$ -	\$ 21,810.00	\$ 239,362.00
Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)	\$ 118,646.00	\$ -	\$ 600.00	\$ 119,246.00
Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections CA Services	\$ 223,614.44	\$ 29,682.80	\$ 1,900.00	\$ 255,197.24
Task I-24-PBI-A-037: Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)	\$ 54,572.00	\$ -	\$ 400.00	\$ 54,972.00
Task III; Deliverables as Required in accordance with specific Task Authorizations				\$ 250,000.00
			Total	\$ 1,522,284.24

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:

Tasks	Duration	Total
Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services	310 Days	\$ 294,714.00
Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services	230 Days	\$ 76,629.00
Task I-23-PBI-A-032 PBI Garage Additional Services	160 Days	\$ 182,164.00
Task I-24-DOA-A-033: Miscellaneous Planning & Engineering Services	TBD	\$ 50,000.00
Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments	160 Days	\$ 239,362.00
Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)	150 Days	\$ 119,246.00
Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections CA Services	392 Days	\$ 255,197.24
Task I-24-PBI-A-037: Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)	90 Days	\$ 54,972.00
Task III; Deliverables as Required in accordance with specific Task Authorizations	TBD	\$ 250,000.00
		\$ 1,522,284.24

EXHIBIT C

PROPOSED SCHEDULES

Tasks	Duration
Task I-24-PBI-A-030 PBI Pavement Repairs CA/RPR Services	310 Days
Task I-24-PBI-A-031 PBI Green Street Improvements CM CA RPR Services	230 Days
Task I-23-PBI-A-032 PBI Garage Additional Services	160 Days
Task I-24-DOA-A-033: Miscellaneous Planning & Engineering Services	TBD
Task I-24-PBI-A-034: PBI Entrance Road Bridge Assessments	160 Days
Task I-24-LNA-A-035 LNA Phases 3 and 4 (Additional Design Services)	150 Days
Task I-24-PBI-A-036: PBI Roof Replacement and Condensation Corrections CA Services	392 Days
Task I-24-PBI-A-037: Task I-24-PBI-A-037 PBI Garage Phase 2 (Re-Bid and Additional Services)	90 Days
Task III; Deliverables as Required in accordance with specific Task Authorizations	TBD

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 (USE ADDITIONAL SHEETS AS NECESSARY)

RFP Name: Airport General Consulting
 Name of Respondent: AECOM Technical Services, Inc.
 Contract Person: Andrew Kacer
7650 West Courtney Campbell Causeway,
Tampa, FL 33607
 Address:
 Phone No: O) 813.636.2425 (C) 352.634.4363

RFP Project No.
 CSA/Amend.No.
 E-mail Address

AGREEMENT R2023-0980

Amendment 4

andy.kacer@aecom.com

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification	Dollar Amount			
			Black	Hispanic	Women	Other (Please specify)
Quantum Electrical Engineering, Inc. 2755 Vista Parkway, Suite I-9 West Palm Beach, FL 33411	Electrical Services	Prime Contractor	\$ -	\$ -	\$ -	\$ -
		X Subcontractor	\$ -	\$ -	\$ 11,520.00	\$ -
			\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -
Tierra South Florida 2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411 (561) 687-8536	Geotechnical / Material Testing Services	Prime Contractor	\$ -	\$ -	\$ -	Asian Pacific
		X Subcontractor	\$ -	\$ -	\$ -	\$ 29,682.80
			\$ -	\$ -	\$ -	\$ -
		Manufacturer	\$ -	\$ -	\$ -	\$ -
Colome & Associates 530 24th Street West Palm Beach, Florida 33407	Architectural	Prime Contractor	\$ -	\$ -	\$ -	\$ -
		X Subcontractor	\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -
		Prime Contractor	\$ -	\$ -	\$ -	\$ -
		Subcontractor	\$ -	\$ -	\$ 74,343.29	\$ -
			\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -
		TOTAL	\$ -	\$ -	\$ 85,863.29	\$ 29,682.80
TOTAL VALUE OF DBE PARTICIPATION			\$ 115,546.09			

Notes:

1. The amounts listed on this form for each DBE Firm must be supported by the price included on Schedule 2, "Letter of Intent to Perform as a Disadvantaged Business Enterprise", in order to be counted toward attainment of the DBE goal.

2. 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 website at <https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>

3. If materials or supplies are proposed to be purchased from a DBE regular dealer, sixty percent (60%) of the proposed expenditure is counted toward attainment of the DBE goal. Reduce dollar amount to 60% of supplier's quote for purposes of determining value of DBE participation. Amounts listed on Schedule "2" should reflect the full expenditure (i.e., do not reduce supplier's quote).

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

By: *Andrew Kacer*
 Signature
Andrew Kacer - VP
 Print Name/Title of Person Executing on Behalf of the Prime

11/20/2024
 Date

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 No. 4

Name of Prime Respondent: AECOM Technical Services, Inc

Name of DBE Firm: Quantum Electrical Engineering, 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)
 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):

Electrical Services

(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: \$11,520

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.

Quantum Electrical Engineering, Inc.
Printed Name of DBE Subcontractor

By:



Signature

Date: 10-29-2024

**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 4

Name of Prime Respondent: AECOM Technical Services, Inc

Name of DBE Firm: Tierra South Florida

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 (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):

Threshold Inspections/Material Testing
(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: \$29,682.80

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

Printed Name of DBE Subcontractor

By: _____
Signature

Date: 10-31-2024

**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 4

Name of Prime Respondent: AECOM Technical Services, Inc

Name of DBE Firm: Colome & Associates

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):

Architectural Services (both Design and Construction Related).

Total Percentage of Participation by DBE Firm for this Project: \$74,343.29


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.

Colome & Associates
Printed Name of DBE Subcontractor

By: 
Signature

Date: 10-31-2024



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, Armond Tatevossian, DO HEREBY CERTIFY that I am a 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 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 July 3, 2024, 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 30th day of September, 2024.


Armond Tatevossian
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 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 July 3, 2024:

Last Name	First Name	Region	Business Line
Kacer	Andrew	East	Transportation

IN TESTIMONY WHEREOF, all the Directors have hereunto set their hands this 3rd day of July, 2024.



Allison Hall



Matthew Crane



Karl Jensen



Armond Tatevossian

Contract History



PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
 CONTRACT WITH AECOM TECHNICAL SERVICES, INC. FOR
 CONSULTING/PROFESSIONAL SERVICES
 GENERAL AIRPORT CONSULTING SERVICES
 AGREEMENT R2023-0980
 CONTRACT HISTORY


AGREEMENT	APPROVAL DATE	RESOLUTION NUMBER	BOARD APPROVED AMOUNT (INC. TASK III - NTE)	DBE COMMITMENT	TASK I AMOUNT	TASK III BUDGET	TASK III Approved	AGREEMENT ADJUSTMENT	APPROVED AMOUNT TO DATE	DESCRIPTION
ORIGINAL AGREEMENT	7/11/2023	R2023-0980	\$ 2,126,629.78	23.08%	\$ 1,876,629.78	\$ 250,000.00	\$ 250,000.00	\$ -	\$ 2,126,629.78	PBI Taxiway R Rehabilitation; PBI Cargo Ramp Expansion; DOA Miscellaneous Planning & Engineering Services 2023; PBI Roof Replacement Resident Inspection Services; PBI Garage Repairs Threshold Inspection Services; LNA Phases 3 and 4 Design; PBI Wind Cone Relocation and Replacement (CM/CA/RPR); PBI Repackage/Bid Garage Repairs; and PBI Landside Terminal Paqing System Expansion
AMENDMENT 1	11/7/2023	R2023-1654	\$ 1,396,545.04	38.45%	\$ 1,196,545.04	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 3,523,174.82	F45 Stormwater Master Plan; LNA Stormwater Master Plan; PHK Stormwater Master Plan; PBI Turnage Boulevard Rehabilitation; PBI Terminal Wall Repairs; and DOA Miscellaneous Planning & Engineering Services.
AMENDMENT 2	1/23/2024	R2024-0110	\$ 1,897,269.66	16.04%	\$ 1,647,269.66	\$ 250,000.00	\$ 250,000.00	\$ -	\$ 5,420,444.48	PBI Holding Apron at TW A and C; PBI Taxiway M, M1, and M2 Reconstruction Improvements ; PBI Stormwater Master Plan; PBI Garage Additional Services; LNA Rotating Beacon and Tower; DOA Miscellaneous Planning & Engineering Services; and DBE Program Outreach Services 2024/25.
AMENDMENT 3	7/2/2024	R2024-0822	\$ 1,629,647.26	12.43%	\$ 1,379,647.26	\$ 250,000.00	\$ 206,227.55	\$ (43,772.45)	\$ 6,962,546.84	PBI Taxiway R Rehabilitation CM/CA/RPR Services; LNA Runway 4-22 Slurry Seal; F45 Rotating Beacon Replacement CM/CA/RPR Services; PBI Miscellaneous Drainage Repairs – Package 2 CM/CA/RPR Services; PBI Repairs to Short-Term and Long-Term Parking Garage 3 CM/CA/RPR Services; PBI Taxiway C and M Connector; and DOA Miscellaneous Planning & Engineering Services.
AMENDMENT 4	PENDING	TBD	\$ 1,522,284.24	7.59%	\$ 1,272,284.24	\$ 250,000.00	\$ -	\$ -	\$ 8,234,831.08	PBI Miscellaneous Pavement Repairs CA/RPR Services; PBI Green Street CM/CA/RPR; PBI Garage Additional Services ; DOA Miscellaneous Planning and Engineering Services; PBI Entrance Road Bridge Assessments; LNA Phases 3 and 4 (Additional Design Services); PBI Roof Replacement and Condensation Corrections CA Services; and PBI Garage Phase 2 (Re-Bid and Additional Services).
TOTAL (DBE adjusted to include funded Task III DBE)			\$ 8,572,375.98	22.70%	\$ 7,372,375.98	\$ 1,200,000.00	\$ 906,227.55	\$ (43,772.45)	\$ 8,234,831.08	

Attachment No. 2
DBE Goal Information



**INTEROFFICE MEMORANDUM
DEPARTMENT OF AIRPORTS**

TO: Cynthia Portnoy, Deputy Director Planning & Development

FROM: Anthony Gregory 
Manager, Airports Compliance

DATE: December 5, 2024

RE: Amendment No. 4 to Contract for Consulting/Professional Services with AECOM Technical Services, Inc. (DOA 22-13 Amendment 4) – Confirmation of DBE Percentage

PROJECT: DOA 22-13

Purpose:

This memorandum serves to confirm details and compliance regarding the Disadvantaged Business Enterprise (DBE) participation percentage for Amendment No. 4 to the Contract for Consulting/Professional Services (Consulting Agreement) with AECOM Technical Services, Inc. (AECOM). Amendment No. 4 provides for professional planning, design, and engineering services related to the Palm Beach County Department of Airports Capital Improvement Program.

Background:

The Palm Beach County Board of County Commissioners approved the original Consulting Agreement with AECOM Technical Services, Inc., which included a DBE participation goal of 20.9%. Amendment No. 4, in the amount of \$1,522,284.24, includes the following:

- **Total Value of DBE Participation:** \$115,546.09
- **Combined Value of Task I and Task III:** \$1,522,284.24

The scope of services outlined under this amendment continues to address key aspects of the Department's Capital Improvement Program, ensuring alignment with County and federal guidelines.

DBE Compliance:

Amendment No. 4 achieves a DBE participation rate of 7.59%. While this amendment's participation rate is below the original goal of 20.9%, the cumulative DBE participation across the entire Consulting Agreement, including Amendment No. 4, is 22.70%, exceeding the initial goal.

Summary: Amendment No. 4 reflects a cumulative DBE participation rate of 22.70%, surpassing the originally established goal of 20.9%. Approval of this amendment will allow for the successful continuation of the Department of Airports Capital Improvement Program while maintaining compliance with DBE participation objectives.

Project Name: General Engineering Consultant Services
 PBC Project No: DOA 22-13
 DBE Goal: 20.9%

Proposer	DBE Subcontractors	Prime	Subcontractor	Supplier	Subcontractor Type	Location	DBE %	Exclusions	Classification	Remarks	FDOT/UCP Verified	
AECOM Technical Services, Inc. 2090 Palm Beach Lakes Blvd., Suite 600, West Palm Beach, FL 33409	Brown & Phillips, Inc.		x		Topographic Survey	West Palm Beach, FL	2.00%		BM		x	
	Chandler Campbell & Daschle		x		DBE Support Services	Palm Beach Gardens, FL	1.00%		BM		x	
	Cyriacks Environmental Consulting Services		x		Environmental Planning Design, etc	Deerfield Beach, FL	3.50%		W		x	
	Harris Miller Miller and Hanson, Inc. (HMMH)		x		Noise Consulting and Sustainability	Burlington, MA	1.00%		W		x	
	Quantum Electrical Engineering		x		Electrical Engineering	West Palm Beach, FL	8.00%		W		x	
	Sighline, Inc		x		Airfield Markings	Culpeper, VA	0.50%		W		x	
	Tierra South Florida, Inc.		x		Geotech Engineering and Material Testing	West Palm Beach, FL	2.00%		Asian Pacific		x	
	Scalar Consulting Group Inc		x		Roadway Design & Construction	West Palm Beach, FL	4.00%		Asian Pacific			

Schedule 3 (A) - AECOM Technical Services, Inc. has committed to meet a minimum of 22% DBE participation.

Attachment No. 3

Budget Transfer



**BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA
EXPENDITURE BUDGET TRANSFER**

BGEX 121-120224*451

FUND FUND 4111 Airport Improvement & Development Fund

ACCOUNT NUMBER	ACCOUNT NAME	UNIT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED as of 12/2/24	REMAINING BALANCE
EXPENDITURES									
121-A410-6505	Design/Eng/Mgmt - CIP Adm	Terminal Roof Repairs FY2021	8,990	6,123	255,198	0	261,321	3,407	257,914
121-A487-6505	Design/Eng/Mgmt - CIP Adm	All Airports - Airfield Maintenance &	0	0	294,714	0	294,714	0	294,714
121-A900-9909	Reserves Improvement Program	Capital Reserves	22,469,851	18,628,079	0	549,912	18,078,167		18,078,167
	Total Expenditures				549,912	549,912			

SIGNATURES

Kenneth J. Hoel
Initiating Department/Division

DATES

12/2/24

Administration/Budget Department Approval

OFMB Department - Posted

BY BOARD OF COUNTY COMMISSIONERS

At Meeting of: Tuesday, January 7, 2025

Deputy Clerk to the
Board of County Commissioners