

AGENDA ITEM SUMMARY

☒ Consent ☐ Regular
☐ Workshop ☐ Public Hearing

Submitted By: Department of Airports

Submitted For:

Motion and Title: **Staff recommends motion to approve:** Amendment No. 4 to the General Consulting Agreement with AECOM Technical Services, Inc. for Consulting/Professional Services in the amount of \$190,140 for the continued performance of professional planning and design services related to the approved Palm Beach County Airports Capital Improvement Program.

Summary: The Consulting Agreement (R-2014-0031) with AECOM Technical Services, Inc. for general airport planning and design was approved on January 14, 2014 in the amount of \$1,641,372 in order to carry out the approved Capital Improvement Programs for the County's Airports. Approval of Amendment No. 4 will provide an additional \$190,140 to complete the following task: Task I Services – Specific Projects: Palm Beach International Airport (PBIA) Air Cargo Apron Rehabilitation Construction Administration Services. AECOM Technical Services, Inc. is a Los Angeles, California based firm; however, the majority of the work to be completed in this agreement will be completed and/or managed through their West Palm Beach and Tampa, Florida offices in conjunction with several Palm Beach County-based subconsultants and firms. AECOM Technical Services, Inc. has committed to 21% Disadvantaged Business Enterprise (DBE) participation for this agreement. **Countywide (JCM)**

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

1. Amendment No. 4 with AECOM Technical Services, Inc. – 3 Originals

Recommended By: JA [Signature] 8/23/15
Department Director Date

Approved By: pk [Signature] 4/24/15
County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	\$ 190,140				
Operating Costs					
External Revenues (Grants)	\$(95,070)				
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$ 95,070				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No
 Budget Account No: Fund 4111 Department 121 Unit A297 Object 6504
 Reporting Category

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

Approval of this item provides budget for the AECOM Amendment No. 4 of \$190,140. Funding sources consist of FDOT funds of \$ 95,070 and PFC funds of \$95,070; which are in the current Budget.

C. Departmental Fiscal Review: [Signature]

III. REVIEW COMMENTS

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

Handwritten signature: J. Kelly L.
Handwritten initials: KNO, KIM, KIM, 4/8, 4/9
Printed text: OFMB
Handwritten initials: JMB, 4/9

Dr. J. Jacobson 4/16/15
Contract Dev. and Control
4-16-15 B. W. Heek

B. Legal Sufficiency:

 4/20/15
Assistant County Attorney

C. Other Department Review:

Department Director

REVISED 9/03
ADM FORM 01
(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT)

**AMENDMENT NO. 4 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
AECOM TECHNICAL SERVICES, INC.
FOR
GENERAL CONSULTING SERVICES FOR ARCHITECTURAL, ENGINEERING, CONSTRUCTION
MANAGEMENT AND LAND DEVELOPMENT
AT
PALM BEACH COUNTY AIRPORTS**

This Amendment No. 4 to the Contract is made as of the _____ day of _____, 2015, 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 January 14, 2014, the County entered into an Agreement (R2014-0031) with the CONSULTANT for the CONSULTANT to provide General Airport Consulting Services for the Palm Beach County Department of Airports, for a period of two (2) years, with two (2) one (1)-year renewal options, the exercise of which are within COUNTY'S sole control and discretion; and

WHEREAS, on October 7, 2014, the COUNTY entered into an Amendment No. 1 (R2014-1446) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on October 21, 2014, the COUNTY entered into an Amendment No. 2 (R2014-1578) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on February 3, 2015, the COUNTY entered into an Amendment No. 3 (R2015-0144) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

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

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

1. The parties hereby agree to amend the Contract to include the Scope of Services and Fees as outlined in Exhibit A. The total amount to be paid by the COUNTY to the CONSULTANT for professional services, including any out of pocket expenses, shall not exceed One Hundred Ninety Thousand, One Hundred and Forty Dollars (\$190,140) 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.

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 Bruno Fiori, Associate 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

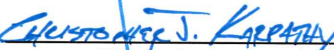
SHARON R. BOCK
CLERK AND COMPTROLLER

By: _____
Deputy Clerk

By: _____
Shelley Vana, Mayor


WITNESS:


SIGNATURE


Name (type or print)
Assistant Corp Secretary

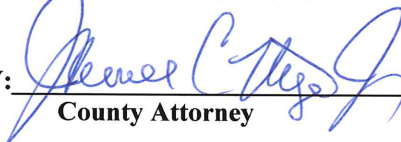
CONSULTANT:

AECOM Technical Services, Inc.
COMPANY NAME


Signature
Bruno J. Fiori
Name (type or print)

Associate Vice President
Title

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

BY: 
County Attorney

(Corporate Seal)

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-15-PBI-A-014: Air Cargo Apron
Rehabilitation Construction Administration
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.
One Metro Center, 4010 Boy Scout Boulevard, Suite 300
Tampa, FL 33607. Phone: 813-630-2500 Fax: 813-621-2300



CERTIFICATE OF INSURANCE

Summary of Certificates[Home](#)

This report displays detailed certificate information for selected insured(s).
Items in red are deficient.

Monday, April 06, 2015

[Images](#)[Contracts](#)**Insured:** AECOM Technical Services, Inc. **Insured ID:** R-2014-0031-PBC**Compliant
(with overrides)****ITS Account Number:** PLC678**Project(s):** Palm Beach County - Airports Planning & Development

Insurance Policy	Required	Provided	Override
<u>General Liability</u>			
Expiration: 4/1/2016			
General Aggregate:	\$5,000,000	\$5,000,000	
Products - Completed Operations Aggregate:	\$0	\$0	
Personal And Advertising Injury:	\$0	\$0	
Each Occurrence:	\$5,000,000	\$5,000,000	
Fire Damage:	\$0	\$0	
Medical Expense:	\$0	\$0	
<u>Automobile Liability</u>			
Expiration: 4/1/2016			
Combined Single Limit:	\$5,000,000	\$5,000,000	
<u>Workers Compensation/Employers Liability</u>	WC Stat. Limits	WC Stat. Limits	
Expiration: 1/1/2016			
<u>Professional Liability</u>			
Expiration: 4/1/2016			
Each Occurrence:	\$5,000,000	\$5,000,000	
Aggregate Limit:	\$5,000,000	\$5,000,000	

Notifications

There were no deficiency letters issued.

Do you have an updated Certificate? Click the button below to submit a Certificate.

Certificate Submittal



EXHIBIT A

This Amendment No. 4 is in accordance with the Contract (Agreement R2014-0031) for Consultant/Professional Services between Palm Beach County (COUNTY) and AECOM Technical Services, Inc. (CONSULTANT) dated January 14, 2014.

EXHIBIT A-1 Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation
Construction Administration Services

AECOM Technical Services, Inc.
One Metro Center, 4010 Boy Scout Boulevard, Suite 300
Tampa, FL 33607. Phone: 813-630-2500 Fax: 813-621-2300



EXHIBIT A-I

PALM BEACH DOA GENERAL CONSULTING SERVICES

EXHIBIT A-1

Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation Construction Administration Services

Palm Beach International Airport (PBI) Air Cargo Apron Rehabilitation (DOA No. PB 15-3)

OVERVIEW

The Palm Beach Department of Airports (DOA) has requested that AECOM Technical Services, Inc. (CONSULTANT) provide Construction Administration Services associated with the Air Cargo Apron Rehabilitation Project (Project) at Palm Beach International Airport (PBI). The work is located at the Air Cargo apron adjacent to the Runway 28R at PBI in Palm Beach County, Florida.

The major construction work items of this Project consist of: Maintenance of Traffic, Concrete Pavement Removal, Asphalt Pavement Removal, Asphalt Pavement Milling, Limerock Base Course, New Bituminous Pavement, New Portland Cement Concrete, and Pavement Marking.

Procurement shall consist of materials procurement and mobilization for a period of Thirty (30) Calendar Days from the Notice to Proceed (NTP). Project construction shall consist of the construction of Work Areas 1 & 2 for a period of One Hundred Twenty Five (125) Calendar Days from the completion of the Procurement phase to substantial completion. Final acceptance shall be achieved within a period of Thirty (30) Calendar Days from the date of substantial completion.

CONSULTANT will provide Construction Administration (CA) Services throughout the scheduled construction of this Project. The Owner will provide the Construction Management (CM) Services. AECOM will provide Construction Engineering Inspection (CEI) Services to support the Owner's CM Services. AECOM's CA and CEI Services will include the following:

- A. Conference and Meetings: Attend and provide Designer Input for meetings between Owner, Contractor(s), and Stakeholders, such as preconstruction conferences, progress meetings (a maximum of 20 weekly construction progress meetings), job conferences and other project related meetings;
- B. Prepare Construction Management Plan (CMP) using FAA accepted format. The CMP will document the measures and procedures to be used to comply with the quality assurance and control provisions of the contract including quality assurance and acceptance tests required by the Contract Documents. The CMP will utilize information from the Contractor's Approved Quality Control Plan. The CMP will summarize a general scope of work for the project, identification of responsibilities and authority for contract management, inspection and contractor personnel

qualifications, quality assurance testing frequency requirements, daily inspection and testing requirements, submittal process and procedures, test result reporting, and Health and Safety Plan. A maximum of (1) copy will be submitted to FAA for review and approval. A maximum of ten (10) copies will be distributed to the DOA and construction contractor.

- 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. Quality Assurance Materials Testing: Provide materials testing for construction activities (limerock, asphalt, concrete, etc.) Facilitate meeting at onset of Project outlining material testing requirements, as outlined in the contract documents, with materials testing laboratory, RPR, and the Contractor;
- E. Quality Assurance Materials Testing: Provide survey quality assurance if it is deemed necessary during this Project. This task provides verification of Contractor's on-going survey services, on an as-needed basis.
- F. Review Contractor's survey data as it is developed for existing conditions, constructed limerock, and constructed paving to evaluate conformance with design;
- G. As part of AECOM's CA Services, we will provide periodic 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 Consultant's efforts will be directed toward determining whether the constructed project conforms to the Contract Documents. AECOM will provide also CEI Services to support the Owner's CM Services (. These CEI Services will include developing Daily Reports, monitoring the Contractor's progress, serving as the Owner's liaison with the Contractor, coordinating materials testing, and conducting on-site observations of the construction activities in progress to assist in determining if the work is being carried out in compliance with the Contract Documents.
- H. Interpretation of Contract Documents: Respond to various Requests for Information, Job memoranda, and other field prepared inquiries. Review, evaluate, and provide input for Change Orders;
- I. 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;
- J. Payment Requests: Review applications for payment, after the CM has confirmed quantities with Contractor, and forward recommendations to the CM.
- K. 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.

TASK ASSUMPTIONS

1. 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 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 50-1

Labor/Fee Estimate Summary - CONSULTANT (AECOM Technical Services, Inc.) - Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation Construction Administration Services

Billing Rate:		\$ 240	\$ 194	\$ 201	\$ 154	\$ 83	\$ 97	\$ 58
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Labor Estimate (Hours)													Fee Estimate (\$)	
Task Description			Principal	QC Reviewer	Senior Project Manager	Construction Task Manager	Resident Project Representative	Senior CADD Designer	Clerical	Total	Labor	Expenses	Total	
Task I-15-PBI-A-014														
1.0	MATERIAL PROCUREMENT AND MOBILIZATION (30 CALENDER DAYS)	Total	0	0	32	86	16	0	4	138	\$21,236	\$0	\$21,236	
	Meetings				8	8	4			20	\$ 3,172	\$ -	\$ 3,172	
	Develop CMP				6	20	8			34	\$ 4,950	\$ -	\$ 4,950	
	Shop Drawings				10	50	4		4	68	\$ 10,274	\$ -	\$ 10,274	
	Task Management				8	8				16	\$ 2,840	\$ -	\$ 2,840	
	Phase 1.0 Lump Sum									138	\$ 21,236	\$ -	\$ 21,236	
2.0	CONSTRUCTION (125 CALENDER DAYS)	Total	0	0	32	194	140	36	0	402	51,420	4,600	56,020	
	Progress Meetings				20	50	40			110	\$ 15,040	\$ 2,000	\$ 17,040	
	Periodic On Site Observations/Inspections (also includes Support for CM (Support consists of 60 Hours Construction Manager and 80 Hours RPR))					80	100			180	\$ 20,620	\$ 2,400	\$ 23,020	
	Interpret Contract Documents				8	40		16		64	\$ 9,320	\$ -	\$ 9,320	
	Review Contractor's Survey Data					8		16		24	\$ 2,784	\$ -	\$ 2,784	
	Review Pay Applications					8		4		12	\$ 1,620	\$ -	\$ 1,620	
	Substantial Inspection/Punchlist				4	8				12	\$ 2,036	\$ 200	\$ 2,236	
3.0	PROJECT CLOSE-OUT	Total	0	0	8	28	8	8	8	60	7,824	300	8,124	
	Final Inspection				4	4				8	\$ 1,420	\$ 300	\$ 1,720	
	Project Close-out				4	24	8	8	8	52	\$ 6,404	\$ -	\$ 6,404	
	Phase 2.0 and 3.0 Time and Materials and Expenses									60	\$ 59,244	\$ 4,900	\$ 64,144	
Total Fee - AECOM Technical Services, Inc.			0	0	72	308	164	44	12	600	80,480	4,900	85,380	
Subconsultant Fees														
1	Total Subconsultant Fee - Urban Design Kilday Studios (LS)													
	Total Subconsultant Fee - Urban Design Kilday Studios (T&M)													
2	Total Subconsultant Fee - O.R. Colan Associates of Florida (LS)										0			
	Total Subconsultant Fee - O.R. Colan Associates of Florida (T&M)													
3	Total Subconsultant Fee - Carolyn Binder (LS)													
	Total Subconsultant Fee - Carolyn Binder (T&M)													
4	Total Subconsultant Fee - Ross & Barruzzini (LS)													
	Total Subconsultant Fee - Ross & Barruzzini (T&M)													
5	Total Subconsultant Fee - Harris Miller Miller & Hanson (LS)													
	Total Subconsultant Fee - Harris Miller Miller & Hanson (T&M)													
6	Total Subconsultant Fee - Hillers Electrical Engineering (LS)													
	Total Subconsultant Fee - Hillers Electrical Engineering (T&M)	\$ 9,990												
7	Total Subconsultant Fee - Colome & Associates (LS)													
	Total Subconsultant Fee - Colome & Associates (T&M)													
8	Total Subconsultant Fee - Johnson, Levinson, Ragan, Davila (LS)													
	Total Subconsultant Fee - Johnson, Levinson, Ragan, Davila (T&M)													
9	Total Subconsultant Fee - Tierra South Florida (LS)													
	Total Subconsultant Fee - Tierra South Florida (T&M)	\$ 87,650												
10	Total Subconsultant Fee - Engenuity Group (LS)													
	Total Subconsultant Fee - Engenuity Group (T&M)	\$ 7,120												
11	Total Subconsultant Fee - Lewis, Longman & Walker (LS)													
	Total Subconsultant Fee - Lewis, Longman & Walker (T&M)													
Total Fee - Subconsultants			\$ 104,760											
GRAND TOTAL FEE - BASIC ENGINEERING SERVICES			\$ 190,140											

Prepared by: AECOM Technical Services, Inc.



HILLERS ELECTRICAL ENGINEERING, INC.

March 2, 2015

Mr. Andy Kacer, P.E., A.V.P.
One Metro Center
4010 Boy Scout Blvd., Suite 300
Tampa, FL. 33607

Subject: Electrical Construction Services Fee Proposal for the Palm Beach County
Department of Airports (DOA) – Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation
Construction Administration Services

Dear Andy:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide AECOM an
electrical construction services fee proposal for the DOA PBIA Air Cargo Apron
Rehabilitation Electrical, Lighting, Grounding Systems design.

The following tasks are included in our scope:

- Includes – (15) combination construction coordination meetings & periodic on-site observation visits.
- Shop drawings submittals reviews and approvals.
- Includes RFI- Responses.
- Review pay requests & recommend payments.
- Includes 1- preliminary & final punch list inspections.
- Includes Record” drawings per Contractors Red Line mark-ups.

Our proposed T and M electrical construction services fee is: \$ 9,990.

(See attachment breakdown)

Sincerely,

Thomas Doran, Vice-President

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBIA Air Cargo Apron Rehabilitation (DOA No. PB 15-3)
HILLERS ELECTRICAL ENGINEERING, INC.
SCOPE FEE SUMMARY
FEE PROPOSAL ELECTRICAL Construction Services to AECOM 3-02-15

Rate	\$130.00	\$120.00	\$105.00	\$85.00		\$55.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech		Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Original Design Scope									\$0.00
(15) Const. Meetings / On-Site Visits	2	12	31			11	56		\$5,560.00
Shop Drawing Reviews & Approvals		12	4			1	17		\$1,915.00
RFI-Responses	1	1	1	1		1	5		\$495.00
Review of Pay Requests		3					3		\$360.00
Preliminary & Final Inspections		8				1	9		\$1,015.00
Record Drawings	1	1		4		1	7		\$645.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	4	37	36	5	0	15	97		\$9,990.00
									\$0.00
									\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Grand Total Hours	4	37	36	5	0	15	97		\$9,990.00
Grand Total Labor Cost	\$520.00	\$4,440.00	\$3,780.00	\$425.00	\$0.00	\$825.00			\$9,990.00



March 3, 2015

AECOM
4010 Boy Scout Boulevard, Suite 300
Tampa, Florida 33607

Attention: Mr. Andy Kacer, P.E.

**Re: Proposal for Construction Materials Testing Services
Proposed Air Cargo Apron Rehabilitation
Palm Beach International Airport
West Palm Beach, Florida
TSF Proposal No.: 1503-093**

Dear Andy:

TIERRA SOUTH FLORIDA (TSF), Inc. is pleased to submit the proposal for providing QA construction material testing and inspection services for the above referenced project in Palm Beach County, Florida.

Our proposal is based on construction documentation provided to this office, technical specifications and FAA general provisions. We understand that the project will take about 125 calendar days from notice to proceed, working night and weekend shifts. A total of 2 construction phases are anticipated for this project.

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

- Inspection of asphalt plant supplier prior to starting construction;
- Density tests (using nuclear density methods) on embankment, backfill along with representative Proctor tests, gradation, Atterberg Limits and organic content tests;
- Density tests (using nuclear density methods) on stabilized subgrade material, along with representative LBR tests, gradation and Atterberg Limits tests;
- Sand cone density tests on base materials, along with LBR tests, gradation, Proctor tests, Atterberg Limits, carbonate content;
- Provide senior engineering technician to assist with asphalt plant inspections and testing during initial test section;
- Provide senior engineering technician to assist with asphalt plant and field inspections and testing during production;
- Witness asphalt core drilling and delivery to asphalt plant;
- Provide concrete testing for apron, beams;
- Provide miscellaneous concrete testing.
- Issue daily reports in FAA format to Civil Designer

PBIA Air Cargo Apron Rehabilitation
TSF Proposal No. 1503-093

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

TSF's laboratory and personnel fully comply with the standards of ASTM, ACI, AASHTO, AISC, AWS and FAA standards. Our laboratory maintains CMEC and FDOT certification and is staffed by experienced and certified field and laboratory personnel. In addition, we are currently providing similar services in vicinity airports and are very familiar with the general site conditions as well as the local construction practices.

ESTIMATED COST

We proposed to accomplish the above services on a rate schedule basis using the attached rates for an estimated amount of **\$87,650**.

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,

TIERRA SOUTH FLORIDA, INC.


Francois Thomas, P.E.
Principal

Attachments: Unit Fee Schedule

**Fees Breakdown for
Construction Materials Testing Services**

I Laboratory Testing Services

Moisture-Density (Modified Proctor Test), 5 tests @ \$125.00/each	\$ 625.00
LBR Tests-subbase and base materials, 5 tests @ \$275.00/test	\$1,375.00
Carbonate Content, 5 tests @ \$100.00/each	\$ 500.00
Grain Size, 5 tests @ \$65.00/each	\$ 325.00
Atterberg Limits, 5 tests @ \$75.00/each	\$ 375.00
Organic Content Tests, 5 tests @ \$35.00/each	<u>\$ 175.00</u>

SUBTOTAL: \$3,375.00

III Construction Services-Soil Testing

Nuclear Density Tests, 100 tests @ \$25.00/each	\$2,500.00
Sand Cone Density Tests, 50 tests @ \$50.00/each	<u>\$2,500.00</u>

SUBTOTAL: \$5,000.00

IV Construction Services-Concrete Testing

Miscellaneous Concrete tests, 30 sets @ \$140.00/set	\$ 4,200.00
Flexural beams, 15 beams @ \$175.00/beam	\$2,625.00
Senior concrete observation, 400 hours @ \$75.00/hour	<u>\$30,000.00</u>

SUBTOTAL: \$36,825.00

V Construction Services Asphalt Inspection/Professional Services

Asphalt Plant Facility Inspection, 12 hours @ \$75.00/hour	\$ 900.00
Asphalt Plant Facility Inspection-test section, 1 day @ \$900.00/day	\$ 900.00
Asphalt Field Inspection-test section, 1 day @ \$900.00/day	\$ 900.00
Asphalt Plant Inspection-During production, 20 days @ \$900.00/day	\$18,000.00
Asphalt Field Inspection-During production, 20 days @ \$900.00/day	\$18,000.00
Senior Engineer, P.E, 30 hours @ \$125.00/hour	<u>\$ 3,750.00</u>

SUBTOTAL: \$42,450.00

TOTAL CONSTRUCTION MATERIALS TESTING SERVICES: \$87,650.00



ENGINEERS SURVEYORS GIS MAPPERS

C. ANDRE RAYMAN, P.S.M.

KEITH B. JACKSON, P.E.

LISA A. TROPEPE, P.E.

March 03, 2015

Andrew Kacer, PE
Transportation Manager – Airports
2202 N. West Shore Blvd.
Suite 455
Tampa, FL 33607

Via E-mail: andy.kacer@aecom.com

**Re: AECOM Technical Services, Inc.
One Metro Center
4010 Boy Scout Blvd., Suite 300
Tampa, FL 33607
Engenuity Group Project No. 13193.01 wo. #09 – Air Cargo Apron- Periodic
QA Services per A. Kacer request.**

Dear Mr. Kacer:

Engenuity Group, Inc. is pleased to offer this proposal to render Professional Surveying services in connection with the scope and fee for the construction administration services for the Air Cargo Apron at Palm Beach International Airport.

Engenuity Group will provide periodic inspections and survey data acquisition to ensure the contractor is building the project with the correct grades.

Survey field crew (not to exceed 32 hours):	\$5,280.00
Office support:	<u>\$1,840.00</u>
Total Fee:	\$7,120.00

We can provide this service within 15 days after we receive a signed proposal, depending on inclement weather. The deliverable will be 6 signed and sealed copies of a Construction Layout Survey, pursuant to Chapter 5J-17.050(10)(d), Florida Administrative Code, together with the associated digital base map.

The total fee does not include the payment of any governmental agency submittal or processing fees. The cost of printing, reproduction, facsimile, mileage, and postage are included in our lump sum fee.

This proposal represents the entire understanding between you and us with respect to the Project. If this satisfactorily sets forth your understanding of our agreement, we would appreciate you signing both copies of this proposal where provided and returning one copy to us. This proposal will be open for acceptance until April 3, 2015.

Page 1
2015 03-03 Proposal
2015 03-03 Wo 9-Air Cargo Apron Lproposal Survey

Permit Fees, Reproduction Charges and Reimbursable Expenses

The Total Contract Price **does not** include the payment of any governmental agency submittal or processing fees.

If this proposal is acceptable please execute the attached authorization and return it to us. If you have any questions, please do not hesitate to call. This proposal will be open for acceptance until January 10, 2014.

**PURSUANT TO FLORIDA STATUTES § 558.0035 (2013) AN
INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD
INDIVIDUALLY LIABLE FOR NEGLIGENCE.**

Sincerely,



Kevin M. Beck, P.S.M.
Director of Survey

Approved by,



C. Andre Rayman, P.S.M., G.I.S.P.
President



EXHIBIT B: DETAILED FEES, EXPENSES AND PAYMENTS

EXHIBIT B-I Summary of Fees

EXHIBIT B-II Schedule of Payments

AECOM Technical Services, Inc.
One Metro Center, 4010 Boy Scout Boulevard, Suite 300
Tampa, FL 33607. Phone: 813-630-2500 Fax: 813-621-2300



EXHIBIT B-I

SUMMARY OF FEES

Project	Lump Sum	T&M	Reimbursable Expenses	Total
TASK I SERVICES				
Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation Construction Administration Services	\$21,236	\$164,004	\$4,900	\$190,140
			Total	\$190,140



EXHIBIT B-II

SCHEDULE OF PAYMENTS

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

Tasks to Be Completed:

Project	Duration	Total
TASK I SERVICES		
Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation Construction Administration Services	185 Calendar Days	\$190,140
	Total	\$190,140



EXHIBIT C

PROPOSED SCHEDULES

Project	Duration
TASK I SERVICES	
Task I-15-PBI-A-014: Air Cargo Apron Rehabilitation Construction Administration Services	185 Calendar Days

AECOM Technical Services, Inc.
One Metro Center, 4010 Boy Scout Boulevard, Suite 300
Tampa, FL 33607. Phone: 813-630-2500 Fax: 813-621-2300



EXHIBIT D

DBE

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

LOI/SOQ Project Description: Airport General Consulting

Name of Respondent: AECOM Technical Services, Inc. Change Order/Task/Amendment No. (if applicable): Amendment 4

Contact Person: Andrew Kacer E-mail Address: Andy.Kacer@aecom.com

Address: One Metro Center, 4010 Boy Scout Blvd., Suite 300, Tampa, FL 33607

Phone No: (O) 813.627.8237 (C) 352.634.4363 Fax No: 813.621.2300

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification (Check applicable box)	Dollar Amount			
			Black	Hispanic	Women	Other (Please Specify)
Tierra South Florida, Inc. 2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411 561.687.8536	Geotechnical Engineering	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ %	_____ %	_____ 46.10 % (Asian Pacific)
Engenuity Group, Inc. 1201 Belvedere Road West Palm Beach, FL 33405 561.655.1151	Surveying	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ %	_____ %	_____ 3.74 % (Sub-Continent Asian)
		<input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ %	_____ %	_____ %

Total Percentage of DBE Participation: 49.84%

Notes:

1. The percentages listed on this form for each DBE Firm must be supported by the percentages included on Schedule 2(A), "Letter of Intent to Perform as a Disadvantaged Business Enterprise", in order to be counted toward attainment of the DBE goal.
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 Biznet website at <https://www3.dot.state.fl.us/EqualOpportunityOffice/biznet/mainmenu.asp>.
3. If materials or supplies are proposed to be purchased from a DBE regular dealer, the undersigned acknowledges that only sixty percent (60%) of the proposed expenditure will be counted toward attainment of the DBE goal.

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

By: Andrew Kacer

Date: 4-1-2015

Signature

Andrew Kacer - Associate Vice President

Print Name/Title of Person Executing on Behalf of the Respondent

Schedule 2(A)
v.10-26-11

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: Engenuity Group, 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 X Other (Please Specify) Sub Continent Asian
☐ 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):

Surveying Services

(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: 3.74%

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:

N/A N/A % ☐ DBE Certified
(Name of Subcontractor) (Percentage of work to be subcontracted) X 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.

Engenuity Group, Inc.
Printed Name of DBE Subcontractor

By: [Signature]
Signature

Date: 4/3/2015