

CONSULTANT SERVICES AUTHORIZATION

PROJECT NUMBER: Task No. 4-RSH-2021-PBIA
PROJECT NAME: Airfield Pavement Rehabilitation & Reconstruction Improvements at PBIA

THIS AUTHORIZATION Task No. 4-RSH-2021-PBIA to the Agreement dated September 27, 2016 (R-2016-1336) between the COUNTY and the CONSULTANT, (District: Countywide) identified herein as for the Additional Services described in Item 4 of this Authorization:

- 1. CONSULTANT: RS&H, Inc.
2. ADDRESS: 3125 West Commercial Boulevard Suite 130 Fort Lauderdale, Florida 33309
3. CONSULTANT shall begin work promptly after receipt of an executed copy of this authorization on the requested Additional Services and upon receipt of a Notice-to-Proceed.
4. Description of Additional Services to be provided by CONSULTANT: The Consultant will provide additional services to the original contract R-2016-1336 for additional project scope items than previously approved by the Department of Airports on September 27, 2016 for Airfield Pavement Rehabilitation & Reconstruction Improvements at Palm Beach International Airport (see attached Scope and Fee Schedule Estimate dated January 19, 2021).
5. The compensation to be paid CONSULTANT for providing the requested services shall be:
[X] A. Lump Sum Fee of \$ 73,550.00
[] B. Time and Materials Fee of a Not-to-Exceed amount of \$
[] C. Reimbursable Expenses capped at
[] D. Lump Sum Expenses of \$

This project will be assigned Task No. 4-RSH-2021-PBIA with a total cost of \$73,550.00.

Original Contract DBE Participation 23.7% DBE Participation this Task 100.00% Overall DBE Participation 20.4%

All terms of original agreement shall apply to this authorization.

Attachments:

- 1. RS&H, Inc. Scope and Fee Schedule Estimate dated January 19, 2021.

IN WITNESS WHEREOF, this Authorization is accepted this ___ day of ___, 2021, subject to the terms and conditions of the aforementioned Agreement.

CONSULTANT: RS&H, Inc.
SIGNED: [Signature]
TYPED NAME: John Carrigan
TITLE: Vice President, Aviation
DATE: January 19, 2021

COUNTY:
SIGNED: [Signature]
TYPED NAME:
TITLE:
DATE: 1/27/21

APPROVED BY THE CONTRACT REVIEW COMMITTEE



3125 W Commercial Blvd
Suite 130
Fort Lauderdale, FL 33309

O 954-474-3005
F 954-474-3006
rsandh.com

CORPORATE RESOLUTION
AUTHORIZING SIGNATORY FOR
PALM BEACH COUNTY CONTRACTS

I, John J. Bottaro, the undersigned Corporate Secretary of RS&H, Inc., a Florida Corporation (the "Corporation"), hereby certify that: The Corporation is duly organized and existing under the laws of the State of Florida and the following is a true, accurate and complete transcript of a resolution contained in the minute book of the Board of Directors of said Corporation duly held on the 30th day of January, 2019, at which meeting there was present and acting throughout a quorum with full power and authority to adopt this resolution and confer the powers granted to the person hereinafter described, and that the proceedings of said meeting were in accordance with the charter and by-laws of said Corporation, and that said resolution has not been amended or revoked and is in full force and effect:

RESOLVED, that John W. Carrigan, Vice President of the Corporation, is hereby authorized and empowered to execute in the name of the Corporation all proposals, agreements, supplements, contracts, and other documents he may deem necessary or appropriate, in connection with Palm Beach County, Florida.

IN WITNESS WHEREOF, I have executed my name as Assistant Corporate Secretary, and affixed the seal of the Corporation, this 18th day of April, 2019.

DocuSigned by:

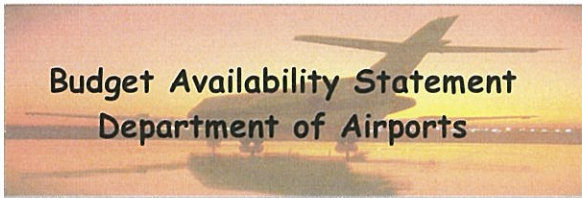
John Bottaro

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John J. Bottaro
Corporate Secretary

DocuSigned by:





DATE: January 20, 2021

TO: Gary M. Sypek *MS*
Deputy Director

FROM: Fred Passelli
Airport Fiscal Manager

RE: RS&H, Inc. (R-2016-1336)
Task 4-RSH-2021-PBIA
Airfield Pavement Rehabilitation & Reconstruction Improvements
at PBIA

SOURCE OF FUNDING: (Check all that apply)

- FAA Grant No.:
- FDOT Grant No.:
- PFC Application No.: 14-15-C-00-PBI (Taxiway C Rehab)
- Airport Revenues/Local Funds
- Other:

Please be advised that funds are available in the amount of \$73,550.00 in account #

FUND: 4111 DEPT: 121 UNIT: A336-361 OBJ: 6504 SUBOBJ: _____

for General Consulting Services provided by RS&H, Inc.

Fred Passelli *Fred Passelli* 1-21-21
Fred Passelli (Dated)



PBI Northeast Airfield Improvements Project
Additional Services - QA Testing Services

EXHIBIT A - SCOPE OF WORK (Basic Services)

NORTHEAST AIRFIELD IMPROVEMENTS PROJECT

CONSULTANT SERVICES AUTHORIZATION

Task No. 4 – RSH-2021-PBIA

QUALITY ACCEPTANCE (QA) TESTING SERVICES

**Palm Beach International Airport
West Palm Beach, Florida**

I. PROJECT DESCRIPTION

The Northeast Airfield Improvements Project (NEAIP) consists of several airfield modifications including construction of new asphalt pavement taxiways, rehabilitation of existing taxiways, terminal aprons, and taxiways, and installation of complex drainage structures and culverts. The CSA Task No. 4 scope consists of additional funding for quality acceptance testing. Additional testing efforts are based on added project scope elements that were not included in the original design documents.

II. PROJECT TASKS

A. Task 4: Quality Acceptance (QA) Testing Services

Tierra South Florida (TSF) has provided QA testing services for the duration of the project. Due to the manner of how the contractor has performed the work requiring testing, the QA testing budgets is depleted quicker than originally estimated. One factor that has led to this is the Contractor's production rate for asphalt placement has been greatly reduced from the rates anticipated when the original scope was developed. Also, due to how the contractor has chosen to backfill the culvert area in smaller sections, this has resulted in additional unbudgeted hours required by the testing staff to remain onsite. Since they are preparing small areas, there is less time between lifts so the testing staff often is required to be onsite for the majority of the work day instead of testing a large area at the end of the day as was originally projected. Additional QA Testing effort is needed to complete the project. The additional fee estimate from TSF to continue through the current work areas is provided with this proposal.

III. AMENDMENT TOTAL

The proposed additional fee for this task described above is summarized in the following table:

TASKS	RS&H	CH2M	ADA	TSF	TOTAL:
Task 4: QA Testing	\$0.00	\$0.00	\$0.00	\$73,550.00	\$73,550.00
TOTAL:	\$0.00	\$0.00	\$0.00	\$73,550.00	\$73,550.00



January 18, 2021

RS&H
3125 W Commercial Boulevard, Suite 130
Fort Lauderdale, Florida 33309

Attention: Mr. Michael Strickler, P.E., Aviation Engineer

Re: **Proposal for Additional Construction Materials Testing Services
Proposed PBIA North East Airfields Improvements
Palm Beach International Airport
West Palm Beach, Florida
TSF Proposal No.: 2006-373 – Revised 3**

Dear Michael:

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. We understand that the project will include improvements to utility, taxiways, aprons, intersections.

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

- Density tests (using nuclear density methods) on embankment, utility 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;
- Density tests (using nuclear density method) for base along representative Proctor;
- Provide senior engineering technician for asphalt plant and field inspections and testing during production;
- Witness asphalt core drilling and delivery to asphalt plant;
- Provide concrete testing for aprons and miscellaneous structures;
- Issue daily reports (asphalt) in FAA format to Civil Designer.

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.

PBIA North East Airfields Improvements
TSF Proposal No. 2006-373 Revised 3

TSF's laboratory and personnel fully comply with the standards of ASTM, ACI, AASHTO, AISC, AWS and FDOT 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 **\$73,550**.

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 Engineer

Attachments: Unit Fee Schedule

PBIA North East Airfields Improvements
 TSF Proposal No. 2006-373 Revised 3

Fees Breakdown for Construction Materials Testing Services

I Laboratory Testing Services

Moisture-Density (Modified Proctor Test), 10 tests @ \$125.00/each	\$1,250.00
CBR Tests-subbase and base materials, 4 tests @ \$300.00/test	\$1,200.00
Carbonate Content, 4 tests @ \$100.00/each	\$ 400.00
Grain Size, 10 tests @ \$65.00/each	\$ 650.00
Atterberg Limits, 8 tests @ \$75.00/each	\$ 600.00
Organic Content Tests, 10 tests @ \$35.00/each	<u>\$ 350.00</u>

SUBTOTAL: \$ 4,450.00

III Construction Services-Soil Testing

Nuclear Density Tests -Engineering Technician (Part-time 4 hours) Estimate 30 trips @ \$260.00/trip	\$ 7,800.00
Nuclear Density Tests -Engineering Technician (Full-time 8 hours) Estimate 40 trips @ \$520.00/trip	<u>\$ 20,800.00</u>

SUBTOTAL: \$ 28,600.00

IV Construction Services-Concrete Testing

Concrete Tests (4 cylinders per set), 50 sets @ \$140.00/set	<u>\$ 7,000.00</u>
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SUBTOTAL: \$ 7,000.00

V Construction Services Asphalt Inspection/Professional Services

Asphalt Plant Inspection-During production, 200 hours @ \$75.00/hour	\$15,000.00
Asphalt Field Inspection-During production, 200 hours @ \$75.00/hour	\$15,000.00
Project Manager, 20 hours @ \$175.00/hour	<u>\$ 3,500.00</u>

SUBTOTAL: \$33,500.00

TOTAL CONSTRUCTION MATERIALS TESTING SERVICES: \$ 73,550.00

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

LOI/SOQ Project Description: PBIA Professional Airfield Design & Eng Svcs for the Airfield Pavement Rehabilitation & Reconstruction at PBI

Name of Respondent: RS&H, Inc. Change Order/Task/Amendment No. (if applicable): Task No. 4-RSH-2021

Contact Person: John Carrigan E-mail Address: john.carrigan@rsandh.com

Address: 3125 W. Commercial Blvd, Ste 130, Ft Laud, FL 33309 Phone No.: 954-236-7396 Fax No.: 954-474-3006

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification (Check applicable box)	Percentage of DBE Participation			
			Black	Hispanic	Women	Other (Please Specify)
Tierra South Florida, Inc 2765 Vista Parkway, Suite 10 WPB, FL 33411	Construction Material Testing, Quality Assurance	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer <input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer <input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer <input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____%	_____%	_____%	100.0 Asian-Pacific _____%
			_____%	_____%	_____%	_____%
			_____%	_____%	_____%	_____%
			_____%	_____%	_____%	_____%

Total Percentage of DBE Participation: 100.0%

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

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

By: _____ Date: January 19, 2021

Signature: 4F81804923240E...
John Carrigan, Vice President
 Print Name/Title of Person Executing on Behalf of the Respondent

Amendment & Additional Services Summary
Professional Services Agreement with RS&H, Inc. (R-2016-1336)

Original Agreement approved by the BCC on September 27, 2016 (R-2016-1336)	\$1,339,272.39
Amendments approved by BCC	
<i>Amendment No. 1</i> approved by the BCC August 20, 2019 (R-2019-1159)	\$3,314,337.00
Total Additional Services via Consultant Services Authorizations (below)	\$ 231,651.78
Total Agreement	\$4,885,261.17

Consultant Services Authorizations

Task Number	Date Approved	DOA Approval Amount	CRC Approval Amount	Total CRC & DOA Approval Cumulative Amount
1-RSH-2018-PBIA	6/13/2018		\$98,699.71	\$ 98,699.71
2-RSH-2018-PBIA	10/15/2018	\$ 34,411.16		\$ 133,110.87
3-RSH-2018-PBIA	12/10/2018	\$ 24,990.91		\$ 158,101.78
4-RSH-2021-PBIA	<i>(pending)</i>		\$73,550.00	\$ 231,651.78
			Cumulative Total	\$ 231,651.78



**Palm Beach County
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX0000537	RS&H, Inc.	Modified	Compliant					R-2016-1336	Professional Airfield Design & Engineering Services
		A+ , XV	Hartford Casualty Insurance Company	21UENHN9665	6/28/2020	6/28/2021	Auto Liability		
		A+ , XV	Hartford Casualty Insurance Company	20XHUOZ0019	6/28/2020	6/28/2021	Excess Liability		
		A , XV	Lloyd's	B0146LDUSA1904895	6/28/2020	6/28/2021	Excess Liability		
		A+ , XV	Hartford Casualty Insurance Company	20UUNOz0018	6/28/2020	6/28/2021	General Liability		
		A , XV	Lloyd's	B0146LDUSA1904894	6/28/2020	6/28/2021	Professional Liability		
		A+ , XV	Twin City Fire Insurance Company	21WBOL6H5A	12/1/2020	12/1/2021	Workers Comp		

Risk Profile : Standard - Professional Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :