

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: August 13, 2013

☒ Consent ☐ Regular
☐ Workshop ☐ Public Hearing

Department:

Submitted By: Department of Airports

Submitted For:

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Amendment No. 9 to the General Consulting Agreement with Ricondo & Associates, Inc. for Consulting/Professional Services in the amount of \$742,007 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-2009-1643) with Ricondo & Associates, Inc. for general airport planning and design was approved on October 6, 2009 in the amount of \$1,723,324 in order to carry out the approved Capital Improvement Programs for the County's Airports. The agreement is for 2 years with 2, one (1) year renewal options. Amendments 1-8 were approved for a net increase in the amount of \$7,552,496. Additionally, Amendments No. 5 and No. 7 exercised the first and second one (1) year renewal options, respectively. Approval of Amendment No. 9 in the amount of \$742,007 will provide funds to complete the following tasks and services: Task I Services – Palm Beach International Airport (PBI) Building 3400 Modifications: Phase 2 Design; PBI Terminal Restrooms – Construction Phase Services; PBI Building 3400 Modifications – Construction Phase Services; PBI Security Enhancements – Construction Phase Services (Supplement #1); PBI Passenger Facility Charge Use Application 14-15; Palm Beach County Glades Airport (PHK) Airfield Electrical Improvements – Construction Phase Services; PHK Airfield Electrical Improvements – Supplemental Design Services; and North Palm Beach County General Aviation Airport (F45) Drainage Modifications – Construction Phase Services. Ricondo & Associates, Inc. is a Chicago, Illinois based firm. Approximately 60.9% of the work associated with tasks in this Amendment will be completed by firms with Palm Beach County offices. Certain tasks performed during the term of this Amendment may be eligible for State and Federal grant participation. The Disadvantaged Business Enterprise (DBE) goal for the agreement was established at 25.00%. The DBE participation for this Amendment is 66.3%. The total DBE participation to date is 24%. **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.

Attachments:

1. Amendment No. 9 with Ricondo & Associates, Inc. – 3 Originals

Recommended By:

Department Director

Date

Approved By:

County Administrator

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2013	2014	2015	2016	2017
Capital Expenditures	\$ 742,007				
Operating Costs					
External Revenues (Grants)					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$ 742,007				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No: Fund 4111 Department 121 Unit A107/A324/A308/A322/A300 Object 6504/6505
Reporting Category

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

Funds are available in the above referenced accounts. Funding source is Airport Local Revenues.

C. Departmental Fiscal Review: CM Simon

III. REVIEW COMMENTS

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

[Signature] 7/23/13
OFMB
AM 7/23/13
7/22

[Signature] 7/24/13
Contract Dev. and Control
7-24-13 Wheeler

B. Legal Sufficiency:

[Signature] 7/25/13
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. 9 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
RICONDO & ASSOCIATES, INC.
FOR
GENERAL CONSULTING SERVICES FOR ARCHITECTURAL, ENGINEERING, CONSTRUCTION
MANAGEMENT AND LAND DEVELOPMENT
AT
PALM BEACH COUNTY AIRPORTS**

This Amendment No. 9 to the Contract is made as of the _____ day of _____, 2013, by and between Palm Beach County, Florida (COUNTY) and RICONDO & ASSOCIATES, INC., a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, having its office and principal place of business at 20 North Clark Street, Suite 1500, Chicago, IL 60602, whose Federal Tax I.D. number is 36-3663903.

WITNESSETH

WHEREAS, on October 6, 2009, the County entered into an Agreement (R2009-1643) 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 March 9, 2010, the COUNTY entered into an Amendment #1 (R2010-0324) with the CONSULTANT for 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 April 20, 2010, the COUNTY entered into an Amendment #2 (R2010-0605) with the CONSULTANT to include additional language to the original Agreement related to the Office of Inspector General Ordinance; and

WHEREAS, on September 14, 2010, the COUNTY entered into an Amendment #3 (R2010-1391) 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 24, 2011, the COUNTY entered into an Amendment #4 (R2011-0503) with the CONSULTANT to remove language in the Agreement associated with the imposition of an Inspector General Fee ("IG Fee"); and

WHEREAS, on September 13, 2011, the COUNTY entered into an Amendment #5 (R2011-1336) with the CONSULTANT to exercise the first one (1) year renewal option for the continuation of services provided by the CONSULTANT under this contract and to amend the Contract to include changes to Article 10 – Insurance; and

WHEREAS, on December 6, 2011, the COUNTY entered into an Amendment #6 (R2011-1906) 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 2, 2012, the COUNTY entered into an Amendment #7 (R2012-1372) with the CONSULTANT to exercise the second one (1) year renewal option for the continuation of services provided by the CONSULTANT under this contract; and

WHEREAS, on November 20, 2012, the COUNTY entered into an Amendment #8 (R2012-1667) 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 I. The total amount to be paid by the COUNTY to the CONSULTANT for professional services, including any out of pocket expenses, shall not exceed Seven Hundred Forty-Two Thousand and Seven Dollars (\$742,007) for the services in Amendment No. 9 to the original Contract.
2. Except as specifically amended herein, all other terms and conditions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused the Ninth Amendment to the Contract to be signed by the Chair 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, RICONDO & ASSOCIATES, INC., has caused these presents to be signed in its corporate name by its duly authorized officer Pedro Ricondo, 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: _____
Mayor

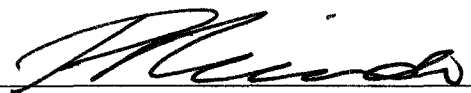
WITNESS:

CONSULTANT:


SIGNATURE

RICONDO & ASSOCIATES, INC.
COMPANY NAME

David Ramacorti
Name (type or print)


Signature

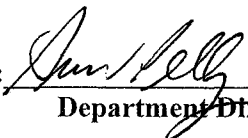
Pedro Ricondo
Name (type or print)

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

Senior Vice President
Title

BY: _____
County Attorney

APPROVED AS TO TERMS
AND CONDITIONS

By: 
Department Director

(Corporate Seal)





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/14/2013

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

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

PRODUCER Harris Insurance Agency, Inc. 609 W. Main Street West Dundee, IL 60118 Marc W. Harris	Phone: 847-844-0250 Fax: 847-844-0895	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: FAX (A/C, No):
INSURED Ricondo & Associates, Inc. 20 N. Clark Street, Suite 1500 Chicago, IL 60602		INSURER(S) AFFORDING COVERAGE INSURER A: Hanover Insurance Company INSURER B: Essex Insurance Company INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X	ZHC4271921	03/14/2013	03/14/2014	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Emp Ben. \$ 1,000,000	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		ZHC4271921	03/14/2013	03/14/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		UHC4410471	03/14/2013	03/14/2014	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	WHC4272983	03/14/2013	03/14/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
	B Architects & Eng. Professional E&O			AE822655	03/14/2013	03/14/2014	Per Claim 5,000,000 Aggregate \$50,000 ded

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

Palm Beach County Department Of Airports is included as Additional Insured for General Liability and Umbrella; Waiver of Subrogation included for General Liability, Workers Compensation and Professional Liability. Professional Liability is on a Claims-Made basis with a Retro date of January 1, 1990.

CERTIFICATE HOLDER

CANCELLATION

Palm Beach County Board of County Commissioners Gary M. Sypek 846 Palm Beach Intl Airport West Palm Beach, FL 33406-1470	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Marc W. Harris
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EXHIBIT "I"

SCOPE OF SERVICE AND FEES

A. The scope of services for this Amendment #9 includes Level 1 only, as described in the Agreement dated October 6, 2009. Specifically, these services will include:

<u>Task No.</u>	<u>Description</u>
Task I-13-PHK-R-058	PHK Airfield Electrical Improvements: Const. Phase Services
Task I-13-PBI-R-065	PBI Building 3400 Modifications: Phase 2 Design
Task I-13-PBI-R-066	PBI Terminal Restroom Renovations: Const. Phase Services
Task I-13-NCO-R-067	F45 Drainage Modifications: Const. Phase Services
Task I-13-PBI-R-068	PBI Building 3400 Modifications: Const. Phase Services
Task I-13-PHK-R-069	PHK Airfield Electrical Improvements: Supplemental Design
Task I-13-PBI-R-070	PBI Security Improvements: Supplemental Const. Phase Services
Task I-13-PBI-R-071	PBI PFC Use Application 14-15 Preparation

B. Method of payment for services and expenses of consultant:

Level 1 Tasks – For labor and expenses expended by Consultant for Level 1 Tasks, County shall pay Consultant the amount contained in **Table 1**.

Table 1
Level 1 Task Fee Structure - Amendment #9 (R&A Work Program #6)

<u>Task Description</u>	<u>Lump Sum Amount</u>	<u>T&M Amount</u>	<u>Lump Sum Expenses</u>	<u>Reimbursable Expenses</u>	<u>Total Cost</u>
Level 1 Tasks:					
PBI:					
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	\$ 101,560	\$ -	\$ -	\$ 165	\$ 101,725
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	\$ 101,928	\$ -	\$ -	\$ 3,875	\$ 105,803
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	\$ 63,710	\$ -	\$ -	\$ 2,795	\$ 66,505
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	\$ 108,212	\$ -	\$ -	\$ 465	\$ 108,677
I-13-PBI-R-071 PBI PFC Use Application 14-15	\$ 68,030	\$ -	\$ -	\$ 1,540	\$ 69,570
PHK:					
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	\$ 124,918	\$ -	\$ -	\$ 10,100	\$ 135,018
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	\$ 47,483	\$ -	\$ -	\$ 2,285	\$ 49,768
NCO:					
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	\$ 81,025	\$ -	\$ -	\$ 23,916	\$ 104,941
Subtotal - Level 1 Tasks					
Level 2 Tasks:					
Subtotal - Level 2 Tasks					
Level 3 Tasks:					
Subtotal - Level 3 Tasks					
Grand Total - Level 1, 2 and 3 Tasks					

Sources: R&A Team
Prepared by: Ricondo & Associates, Inc.

Attachments:

Schedule 1	Participation for DBE Consultants – AMENDMENT #9
Exhibit A	General Scope of Services – AMENDMENT #9
Exhibit B	Fee Schedules – AMENDMENT #9

SCHEDULE 1
LIST OF PROPOSED DBE FIRMS
(Attachment _____ to Bid Form)

Project/Bid Name: Airports General Consultant Services

Project/Bid No: Resolution # R2009-1643

Name of Prime Bidder: Ricondo & Associates, Inc.

Change Order/Task No (if applicable): Not Applicable

Contact Person: David Ramacorti

Bid Opening Date: N/A

Address: 1000 NW 57th Court, Suite 920, Miami FL, 33126

Department: N/A

Phone No.: (305) 677-0372 Fax No: (305) 260-2728

E-mail Address: d_ramacorti@ricondo.com

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification (Check applicable box)	Dollar Amount			
			Black	Hispanic	Women	Other (Please Specify)
Hillers Electrical Engineering, Inc. 23257 SR 7, Suite 100 Boca Raton, FL 33428 Office: (561) 457-3765	Electrical Design and Construction Services	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$	\$263,670.00	\$	\$
Brown & Phillips, Inc. 901 Northpoint Parkway West Palm Beach, FL 33407 Office: (561) 615-3988	Surveying	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$2,380.00	\$	\$	\$
Cyriaks Environmental Consulting Services, Inc. 3001 SW 15th Street, Suite B Deerfield Beach, FL 33442 Office: 954.571.0290	Environmental - Wetlands and Phase I ESAs	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$	\$	\$30,081.00	\$
Master Consulting Engineers 5523 W Cypress Street, Suite 200 Tampa, FL 33607 Office: 813.287.3600	Structural Engineering	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$	\$	\$12,020.00	\$
BND Engineers 4090 NW 97th Avenue, Suite 300 Miami, FL 33178 Office: 305.599.8495	Civil Engineering	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$38,191.00	\$	\$	\$

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 2765 Vista Parkway, Suite 9 West Palm Beach, FL 33411 Office: 561-687-8536	Geotechnical and Material Testing	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$	\$	\$55,015.00	\$
Colome & Associates, Inc. 530 24th Street West Palm Beach, Florida 33407 Office: (561) 833-9147	Architectural Services	<input type="checkbox"/> Prime Contractor <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	\$	\$	\$90,445.00	\$

Total Base Bid Price: \$ 742,007.00

Total Value of DBE Participation (Base Bid Only): \$ 491,802.00

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 Palm Beach County or the State of Florida's Unified Certification Program.
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.

By: David Ramacorti
Signature

David Ramacorti, C.M.
Print Name/Title of Person Executing on Behalf of the Prime

Date: 7/11/13

*Additional sheets may be used if necessary.

SCHEDULE 2
(Attachment ___ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Hillers Electrical Engineering, Inc.

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

- ☐ Black ☒ Hispanic ☐ Women ☐ Other (Please Specify) _____
- ☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Hillers Electrical Engineering, Inc. will provide electrical engineering services.

at the following price¹: \$263,670.00

(Subcontractor/Supplier's Quote)

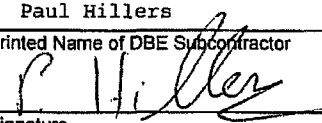
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If the undersigned intends to sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

Paul Hillers

Printed Name of DBE Subcontractor

By: 

Signature

Date: 7/11/2013

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment ___ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Brown & Phillips, Inc.

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

☒ Black ☐ Hispanic ☐ Women ☐ Other (Please Specify) _____

☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Brown and Phillips, Inc. will provide surveying services.

at the following price¹: \$2,380.00

(Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

John E. Phillips, III

Printed Name of DBE Subcontractor

By: [Signature]

Signature

Date: July 11, 2013

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment __ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Cyriaks Environmental Consulting Services, Inc.

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

- ☐ Black ☐ Hispanic ☒ Women ☐ Other (Please Specify) _____
- ☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Cyriaks Environmental Consulting Services, Inc. will provide environmental consulting service.

at the following price¹: \$30,081.00
(Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

WENDY CYRIAKS
Printed Name of DBE Subcontractor
By: [Signature]
Signature
Date: 7/15/13

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment ___ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Master Consulting Engineers, Inc.

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

- ☐ Black ☐ Hispanic ☒ Women ☐ Other (Please Specify) _____
- ☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Cost Management, Inc. will provide architectural services.

at the following price¹: \$12,020.00 (Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

ARMANDO CASTELLON / Master Consulting Engineers, Inc.
Printed Name of DBE Subcontractor

By: [Signature]
Signature

Date: 7/15/2013

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment ___ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: BND Engineers, Inc.

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

☒ Black ☐ Hispanic ☐ Women ☐ Other (Please Specify) _____

☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

BND Engineers, Inc. will provide civil engineering services.

at the following price¹: \$38,191.00

(Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

BND Engineers, Inc.
Printed Name of DBE Subcontractor
By: [Signature]
Signature
Date: 7/11/2013

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment __ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Tierra South Florida, Inc.

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

- ☐ Black ☐ Hispanic ☐ Women ☒ Other (Please Specify) (Asian)
- ☐ Prime Contractor ☒ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Tierra South Florida, Inc. will provide geotechnical evaluations and material testing services.

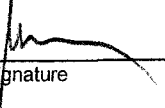
at the following price¹: \$55,015.00
(Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

Tierra South Florida, Inc.
Printed Name of DBE Subcontractor

By: 
Signature

Date: 7/11/2013

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

SCHEDULE 2
(Attachment ___ to the Bid Form)

LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE

Project/Bid No.: Resolution # R2009-1643 Project/Bid Name: Airports General Consultant Services

Change Order/Task No. (if applicable): Not Applicable

Name of Prime Bidder: Ricondo & Associates, Inc.

Name of DBE Firm: Colome & Associates, Inc.

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

- ☐ Black ☐ Hispanic ☒ Women ☐ Other (Please Specify) _____
- ☐ Prime Contractor ☐ 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):

Additional Sheets may be used as necessary.

Line Item/Lot No.	Item Description	Qty/Units	Unit Price	Total Price
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A
N/A	N/A	N/A	\$ N/A	\$ N/A

Carolyn Binder, CPA, LLC will provide financial and business planning services.

at the following price¹: \$90,445.00

(Subcontractor/Supplier's Quote)

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 sub-subcontract any portion of this subcontract to a **non-DBE certified** subcontractor, the amount of any such subcontract must be stated: \$ N/A

The undersigned subcontractor/supplier understands that the provision of this form to the Prime Bidder does not prevent the subcontractor from providing quotations to other bidders.

ELIZABETH A. G. COLOME' - Colome & Assoc. Inc.
Printed Name of DBE Subcontractor

By: [Signature]
Signature

Date: 7/16/13

¹ Do not reduce supplier's quote on this Schedule. Adjustments for purposes of determining the value of a supplier's participation should be reflected on Schedule 1 only. See "Note 3" on Schedule 1.

Table of Contents – Exhibit A

EXHIBIT A GENERAL SCOPE OF SERVICES.....A-1

EXHIBIT A-I R&A WORK PROGRAM #6 - LEVEL 1 TASKS.....A-2

EXHIBIT A-I-1 PHK AIRFIELD ELECTRICAL IMPROVEMENTS – CONST. PHASE SERVICES.....A-3

EXHIBIT A-I-2 PBI BUILDING 3400 MODIFICATIONS: PHASE 2 DESIGN.....A-8

EXHIBIT A-I-3 PBI TERMINAL RESTROOM RENOVATIONS – CONSTRUCTION PHASE
SERVICES.....A-14

EXHIBIT A-I-4 F45 DRAINAGE MODIFICATIONS – CONSTRUCTION PHASE SERVICESA-18

EXHIBIT A-I-5 PBI BUILDING 3400 MODIFICATIONS – CONSTRUCTION PHASE SERVICESA-23

EXHIBIT A-I-6 PHK AIRFIELD ELECTRICAL IMPROVEMENTS – SUPPLEMENTAL DESIGNA-27

EXHIBIT A-I-7 PBI SECURITY ENHANCEMENTS: SUPPLEMENTAL CONSTRUCTION PHASE
SERVICES.....A-32

EXHIBIT A-I-8 PBI PFC USE APPLICATION PREPARATION 14-15A-40

EXHIBIT A-II R&A WORK PROGRAM #6 - LEVEL 2 TASKS.....A-42

EXHIBIT A-III R&A WORK PROGRAM #6 - LEVEL 3 TASKS.....A-43

EXHIBIT B DETAILED FEES, EXPENSES, AND PAYMENTSB-1

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A

GENERAL SCOPE OF SERVICES

This contract amendment #9 is comprised of Work Program #6, as described herein, and consists of eight tasks. As summarized below, these initial efforts have an overall budget of \$742,007 and are comprised of Level 1 tasks only.

<u>Task Level / No.</u>	<u>Description</u>	<u>Budget</u>
Level 1 Tasks:		
I-13-PHK-R-058	PHK Airfield Electrical Upgrades: Const. Phase Services	\$ 135,018
I-13-PBI-R-065	PBI Building 3400 Modifications: Phase 2 Design	\$ 101,725
I-13-PBI-R-066	PBI Terminal Restroom Renovations: Const. Phase Services	\$ 105,803
I-13-NCO-R-067	F45 Drainage Modifications: Const. Phase Services	\$ 104,941
I-13-PBI-R-068	PBI Building 3400 Modifications: Const. Phase Services	\$ 66,505
I-13-PHK-R-069	PHK Airfield Electrical Improvements: Supplemental Design	\$ 49,768
I-13-PBI-R-070	PBI Security Improvements: Supplemental Const. Phase Svcs.	\$ 108,677
I-13-PBI-R-071	PBI PFC Use Application 14-15 Preparation	\$ 69,570
Sub-total (Level 1)		\$ 742,007
Grand Total (Work Program #5)		\$ 742,007

Exhibit B contains a series of tables that provide more detail associated with the establishment of the fees prescribed above.

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I

R&A Work Program #6 - Level 1 Tasks

Level 1 tasks include any work effort agreed to between the COUNTY and the CONSULTANT that has a fixed scope and fee. Work Program #6 includes eight tasks assigned to Level 1, as follows.

<u>Task No.</u>	<u>Description</u>
Task I-13-PHK-R-058	PHK Airfield Electrical Improvements: Const. Phase Services
Task I-13-PBI-R-065	PBI Building 3400 Modifications: Phase 2 Design
Task I-13-PBI-R-066	PBI Terminal Restroom Renovations: Const. Phase Services
Task I-13-NCO-R-067	F45 Drainage Modifications: Const. Phase Services
Task I-13-PBI-R-068	PBI Building 3400 Modifications: Const. Phase Services
Task I-13-PHK-R-069	PHK Airfield Electrical Improvements: Supplemental Design
Task I-13-PBI-R-070	PBI Security Improvements: Supplemental Const. Phase Services
Task I-13-PBI-R-071	PBI PFC Use Application 14-15 Preparation

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-1

Task Scope Sheet

Task I-13-PHK-R-058

PHK Airfield Electrical Improvements – Const. Phase Services

Scope

The Palm Beach County Department of Airports (PBCDOA) intends to upgrade the airfield electrical system at Palm Beach County Glades Airport (PHK). Ricondo & Associates, Inc. (Ricondo) in conjunction with sub-consultants Hillers Electrical Engineering, Inc. (HEE), and Tierra of South Florida (Tierra) shall provide construction phase services for the project.

This effort will include complete replacement of all direct buried cable(s) & electrical equipment systems for airfield lighting, signage, and Navigational Aids (NAVAIDS). More specifically, this project includes:

- Runway 17-35 edge lighting and signage
- Taxiways A, B, C, D, E, F” edge lighting & Signage,
- NAVAIDS (including rotating beacon)
- Complete VASI systems replaced with new (2) new PAPI systems,
- New LED wind sock,
- Two New REIL Systems,
- New complete airfield cable & conduit, base cans, duct bank systems
- Installation of new electrical vault

The scope of services generally follows the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on the line items in the fee proposal.

Task Management and Administration (Task 1)

Throughout the duration of the construction phase services, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct bi-monthly coordination meetings (14) with the sub-consultant team during the seven month construction period. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each meeting would have an average duration of 1 hour.

Work Element 1.3 – Preconstruction Meeting

A pre-construction meeting will be held in Palm Beach County to review the project objectives, discuss the scope of work and associated key tasks, discuss construction period procedures, review pre-construction submittal requirements, and discuss the project schedule. For budgeting purposes, it is anticipated that one staff member from Hillers would participate in this meeting, in addition to R&A's Project Manager.

Work Element 1.4 – Weekly Construction Progress Meetings

A weekly construction meeting will be held in Palm Beach County to review the construction progress, resolve ongoing construction and design issues, and coordinate upcoming construction activities. For budgeting purposes, it is anticipated that one staff member from Hillers would participate in this meeting throughout the nineteen week construction period, with each meeting having an average duration of one hour.

PHASE 5 – Construction Administration (Task 2)

The CONSULTANT shall perform the following tasks under Phase 5:

1. Prepare One (1) CD and 8 sets of "Conformed" plans and specifications which include all modifications resulting from bid phase addenda.
2. Review contractor's shop drawings, certifications, and test results for compliance with the construction documents. Includes DOA electrical, lighting, signage, control systems, airfield lighting vault equipment, lighted beacon, apron flood lighting shop drawings submittals & approvals.
3. Review and approve the contractor's monthly application for payment.
4. Respond to up to ten (10) contractor's Requests for Information (RFI's). Prepare an ongoing log for RFI's and an ongoing submittal log.
5. Provide design consultation for changes in site conditions (includes up to (4) reviews & approvals for Change Order Requests with DOA). Prepare Project Bulletins to address design changes, RFI's and project change orders as may be required.
6. Provide up to four (4) periodic site inspection visits by the Engineer of Record as needed to address issues related to the designs if issues cannot be addressed via telephone calls and/or emails.
7. Participate in electrical testing, substantial completion inspection and the final inspection.
8. Prepare record of final quantities.
9. Provide "Record" drawings on AutoCAD Release 2008 based on redline drawings supplied by the Contractor(s). The "Record" drawings will be provided to the DOA within 30 calendar days of receipt of the redline drawings. The "Record" drawings will be provided in .pdf format on two CD's and one (1) full-size set of drawings.

Special Services (Task 3):

- Limited Allowance for Quality Assurance Testing during construction (supplemental funds for these services may be required once the extent of construction – in terms of scope and schedule duration – is better defined).
- Full time on-site resident construction inspections (10 hours per day for 92 days). Includes Daily Observation Site Report reflecting construction/contractors progress, photos, equipment

installation comments, number of contractor personnel on-site and notes reflecting any type of means & methods issues that need attention.

- Burrowing owl survey (see attached proposal from CECOS)

Supporting Sub-Consultant

Hillers Electrical Engineering, Inc.
Cyriacks Environmental Consulting Services, Inc.
Tierra South Florida

Items of Work Not Included in Scope

Design and Bid phase services

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor schedule and submittals.

Deliverables

- One (1) CD with Conformed Contract Documents, eight (8) Sets of Conformed Plans (three full size/five half size sheets), two (2) CDs with “Record” Drawings, one (1) full size set of “Record” Drawings

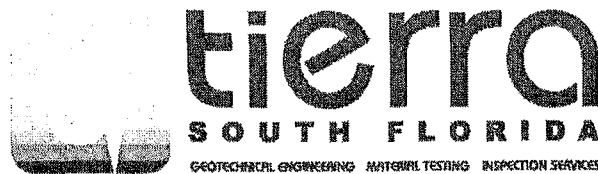
Estimated Duration / Completion Date

In accordance with contractor’s construction schedule

Fee Type and Amount

See Table 1

June 4, 2013



Ricondo & Associates, Inc.
6205 Blue lagoon Drive, Suite 280
Miami, Florida 33126

Attention: Mr. David Ramacorti, C.M.

Re: Proposal for Construction Materials Testing Services
Palm Beach County Glades Airpark
Airfield Lighting Upgrades
Palm Beach County, Florida
TSF Proposal No. 1208-267R

Dear David:

TIERRA SOUTH FLORIDA (TSF), Inc. is pleased to submit this proposal for Construction Materials Testing Services at the Palm Beach County Glades Airpark site in Palm Beach County, Florida. This proposal includes a summary of our understanding of the project, an outline of our proposed scope of work, and an estimate of the total job cost.

We understand that the project will include replacement of all airfield lighting, signage, REILS, beacon, wind sock, PAPI's vault modification and ramp lighting. It is estimated that the total fees will be as follows:

• Field Density Tests, nuclear method (min 5), 100 tests @ \$25.00/each	\$2,500.00
• Field Density test, sand cone method, 30 tests @ \$45.00/each	\$1,350.00
• Proctors, 4 tests @ \$85.00/test	\$ 340.00
• LBR's, 3 tests @ \$275.00/each	\$ 825.00
• Concrete Tests, 20 sets @ \$80.00/set	\$1,600.00
• Senior Inspector-Pile installation, 30 hours @ \$70.00/hour	\$2,100.00
• Senior Geotechnical Engineer, P.E., 10 hours @ \$125.00/hour	<u>\$1,250.00</u>

TOTAL: \$9,965.00

We at TSF appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.

Francois Thomas, P.E.
Principal Engineer
FL # 56381

2765 VISTA PARKWAY, SUITE 10 · WEST PALM BEACH, FLORIDA 33411
(561) 687-8539 · FAX (561) 687-8570
State of Florida Professional Engineers License #28073



September 5, 2012

Mr. David Ramacorti
Ricondo & Associates, Inc.
6205 Blue Lagoon Drive, Suite 280
Miami, Florida 33126

Re: Burrowing Owl Survey and Permitting for Glades Airport
Palm Beach County, FL

Dear Mr. Ramacorti:

Cyriacks Environmental Consulting Services, Inc. (CECOS) is pleased to submit this proposal to provide environmental consulting services for the subject project. Our project understanding, scope of work, fee and schedule are provided below.

1.0 Understanding of Project

The project involves providing airfield electrical improvements to the Glades General Aviation Facility. Due to these improvements a burrowing owl survey will be required prior to construction.

2.0 Scope of Work - Burrowing Owl Survey & Nest Removal Permit Application

The purpose of this scope of services is to provide professional environmental services to conduct a Burrowing owl survey and as needed prepare a permit application for the destruction of Burrowing Owl Nests within the limits of construction associated with the Airfield electrical improvements at the Glades General Aviation Facility. The project area and survey limits are shown in Figure 1.

Burrowing owls and nests have been known to be present and recently observed within the limits of, or adjacent to, the proposed project and may be impacted during construction activities. These services include field survey and preparation of a permit application for the destruction of Burrowing Owl Nests in accordance with the Florida Fish and Wildlife Conservation Commission (FWC) requirements.

Task 1 - Permits Review/Data Collection

CECOS will review available permits previously obtained for incorporation into the Migratory Bird Nest Removal Permit Application.

Task 2 - Conduct Survey Inspection

This task involves performing a field survey to assess the number of active and in-active burrowing owl nests within the proposed construction area in accordance with the Migratory Bird Nest Removal Permit Application. The survey will document the number of active and in-active nests, locations, number of eggs

*Cyriacks Environmental Consulting Services, Inc
3001 SW 15th Street, Suite B
Deerfield Beach, FL 33442
954.571.0290 Fax: 954.480.9962*

and/or flightless young present, if any, and the number of adult owls present, if any. A borrow-scope will be used to determine if borrows are active. Digital Photograph recording will be used to document the findings and will be included in the submittal to the client and FWC for their records.

Task 3 – Preparation of the FFWCC Permit Application

CECOS will prepare and file a permit application for the destruction of Burrowing Owl Nests in accordance with the Florida Fish and Wildlife Conservation Commission (FWC). CECOS will attend one (1) FWC Burrowing Owl Permit Application Submittal Review Meeting, prepare agenda and minutes. CECOS will prepare the technical specification for burrowing owl nest requirements.

Task 4 - Meetings & Coordination

CECOS will attend one (1) team kick-off meeting at the Department of Airports office and one (1) field coordination meeting with the Department of Airports and the Ricondo Team. CECOS will attend a pre-application meeting with the FWC to coordinate permit requirements and review criteria. This task also includes scheduling, project coordination and project management activities

3.0 Estimated Fee Summary

The lump sum fee for the above defined services is \$13,343.25. This fee does not include agency permit application processing fees.

4.0 Schedule

Upon receipt of project authorization, preparation of work activities will begin. It is anticipated that the permit process could take up to six months to permit.

5.0 Assumptions

- Limits of construction will be clearly defined (by others) for the field survey.
- This scope includes conducting only one field survey prior to construction.
- The Client will be responsible to provide all necessary engineering information necessary for the preparation of the FFWCC permit Application
- The client will provide access to all sites/areas for field investigations.
- The Client shall pay additional compensation associated to efforts not specified in this proposal, if required. Any additional information requested by regulatory agencies that could required additional effort shall be paid and compensated by the Client. CECOS will notify the Client if this situation arises. Any additional effort shall be negotiated between the Client and CECOS, and must be approved before the required action.
- No agencies permit application or processing fees, applications or renewals are included.
- Mitigation services are not included in this work effort.

*Mr David Ramacorti
Glades Airport – Borrowing Owl Survey.
September 5, 2012*

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions or need additional information.

Very truly yours,
Cyriacks Environmental Consulting Services, Inc.

Wendy Cyriacks

Wendy Cyriacks
President

Attachment:
Fee proposal

*Cyriacks Environmental Consulting Services, Inc
3001 SW 15th Street, Suite B
Deerfield Beach, FL 33442
954.571.0290 Fax: 954.480-9962*

Page 3 of 3

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-2

Task Scope Sheet

Task I-13-PBI-R-065

PBI Building 3400 Modifications: Phase 2 Design

Scope

The Palm Beach County Department of Airports (DOA) is currently in negotiations with Work Force Alliance (WFA) to enter into a leasehold agreement for Building 3400 at the Palm Beach International Airport. As illustrated on **Exhibits 1 & 2**, WFA has submitted two proposed renovation plans that would require modifications to interior walls to create new offices/cubicle work stations and a board room. Reconfiguration of the women's and men's restrooms is also being requested. These renovations will also require changes to electrical, mechanical, plumbing and life safety systems as follows:

- The heating, ventilation and air conditioning (HVAC) scope of this phase is limited to the addition of a 5 ton rooftop unit which will serve the new board room being constructed, as well as minor items required i.e. thermostat relocations and ductwork modifications, to support the addition of the new unit. It also includes a variable air volume rooftop unit and other HVAC modifications to serve the southern portion of the building
- The plumbing documents will include the installation of new plumbing fixtures in the same general location as the existing fixtures, as well as ancillary work required to support the architectural changes within the two main group toilets at the facility
- Fire protection drawings will show head relocations in the new board room and select offices that will be required due to wall demolition and/or relocation
- Normal and emergency lighting
- Electrical power for HVAC, lighting, and cubicles and workstations
- Fire alarm systems

A structural review will also be performed to ensure that the proposed building modifications will not affect the structural integrity of the building. Structural design associated with two roof-top mounted screening walls associated with the two rooftop AHUs are also included. This will include wind load design calculations and assessment of the load bearing capability of the roof deck structure.

The design services associated with the PBI Building 3400 modifications have been segregated into two distinct phases. Phase 1 was recently completed and included initial inspections of the building, coordination with the DOA, Work Force Alliance and the DOA's CM at Risk Contractor (Morganti). The deliverable for Phase I includes the submittal of a 30 % contract documents to the DOA. As prescribed herein, Phase 2 includes the continued design services necessary to produce both bid and

permit documents associated with the proposed modifications to Building 3400. Bid Phase services are also included in Phase 2. These services associated with Phase 2 will be performed as described below and as shown on them line items in the fee proposal. In addition, separate work proposals from each sub-consultant are attached herein.

Task Management and Administration (Task 1)

Throughout the duration of the pavement design, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, meetings, organization, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct both intermittent and regularly scheduled coordination meetings with the study team. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. A total of 6 meetings will be held with the design team, each lasting approximately one hour in duration.

Work Element 1.3 – Design Coordination with CM at Risk Contractor

Throughout the design phase, the R&A Team will coordinate with the DOA's CM at Risk Contractor (Morganti) to assist in their bid process. During Phase 2, this will include a single coordination meeting, as well as other coordination efforts via telephone/e-mail. For budgeting purposes, it is anticipated that one staff member from each design team member (excluding TKW) would participate in this meeting. No formal agendas or meeting notes will be prepared or distributed for these coordination meetings, as this responsibility resides with the DOA's CM @ risk contractor.

Bid/Permit Documents (Task 2)

The Design Team will prepare and submit permit and bid documents, including an updated engineer's report, to the Owner for review. The design team will proceed with finalizing the project and submit three signed and sealed Plans and Specifications to the Owner (Phase 3C) for permitting. The Design Team will submit 95% bid documents to the Owner for review and for the DOA's CM at Risk contractor to obtain bid pricing associated with the building renovations.

Deliverables: The Design Team will submit the bid and permit documents to the DOA for review and distribution to the DOA's CM at Risk contractor.

Bidding (Task 3)

It is anticipated that the DOA will authorize one of its CM at Risk Contractors to perform all construction and installation activities associated with the replacement of the AHU's. The R&A Team will provide basic bidding services on this project as outline in Exhibit A of the Prime Agreement.

- Assist the DOA in obtaining bids for construction from its CM at Risk contractor.
- Provide 1 set of Bidding Documents to the CM at Risk Contractor.
- Respond to CM's written questions and provide assistance to the DOA during the bid phase of the project designed by CONSULTANT.
- Attend the pre-bid meeting to address issues related to the work designed by CONSULTANT. Prepare necessary written clarifications and addenda inclusive of revised plans and specifications and distribute to the CM at Risk Contractor.

- Review the bid breakdown by specification section, clarifications and any value added engineering suggestions offered by the CM. Participate in a bid review meeting with the DOA and CM to review the CM pricing/clarifications and provide final recommendations to the DOA.

Assumptions and General Comments:

Building modifications will be performed by the DOA's construction manager (CM) at risk contractor. Existing floor plans are currently **not** available in electronic format. The bid and permit package will consist of the following drawings:

- Cover sheet
- Notes/scope of work
- Building demolition plan
- Floor plan
- Reflective ceiling plan
- Enlarged plans
- Room finish schedule
- Door schedule (123 doors)
- Door details
- Life safety plan
- Life safety details
- Mechanical legend and general notes
- Fire Protection schedules and details
- Mechanical & fire protection floor plan
- Mechanical Schedules
- Mechanical demolition roof plan
- Mechanical roof plan
- Mechanical details
- Mechanical - board room demolition
- Plumbing demo and work plans
- Plumbing schedules
- Electrical general notes
- Electrical legend
- Electrical schedules
- Electrical power demo plan
- Electrical lighting demo plan
- Electrical roof demo plan
- Electrical power plan

- Electrical lighting plan
- Electrical communications plan
- Electrical power roof plan
- Electrical one line diagram and risers
- Electrical communication riser plan
- Electrical panel schedules (2)
- Electrical details (2)
- Fire alarm general notes and legend
- Fire alarm plan
- Fire alarm riser
- Fire alarm calculation
- Fire alarm detail
- Structural roof plan (2 screening walls)
- Structural sections and details

Items of Work Not Included in Scope

Civil site work
Roof repairs
Security enhancements
Construction Phase Services
30% Construction Documents (Previously completed during Phase 1)
60% Construction Documents
Landscape/irrigation design,
Site lighting
Other site improvements on the building's exterior

Supporting Sub-Consultants

Colome & Associates, Inc. (Design lead/architecture)
Hillers Electrical Engineers, Inc. (Electrical, fire alarms)
Johnson, Levinson, Ragan, Davila, Inc. (Mechanical, plumbing, fire suppression)
TKW Consulting Engineers, Inc. (Structural)

Data & Resources Required From Palm Beach DOA or Other Parties

All pertinent documents associated with Building 3400
CM at Risk contractors GMP pricing

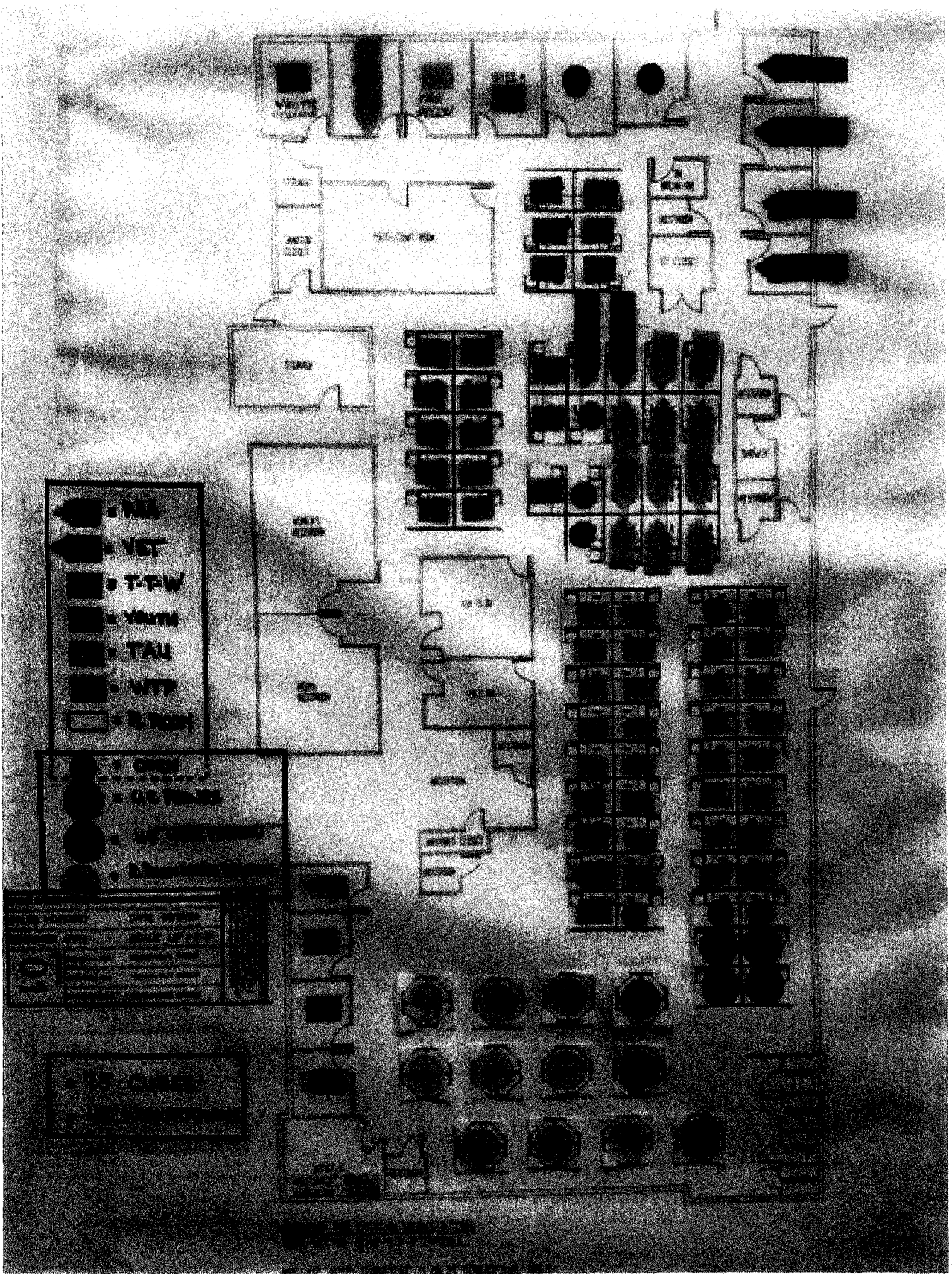
Deliverables

Permit documents
Bid documents
Cost Estimates

Estimated Duration / Completion Date

90 days from issuance of Notice to Proceed

Fee Type and Amount
See Table 1



PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-3

Task Scope Sheet

Task I-13-PBI-R-066

PBI Terminal Restroom Renovations – Construction Phase Services

Scope

On behalf of the Palm Beach County Department of Airports (DOA), the R&A Team is currently providing design phase services for the planned renovation of public restrooms within the main passenger terminal at the Palm Beach International Airport (PBI). In effort to avoid construction activities during the peak season at PBI, the construction activities will be performed by one of the DOA's on-call construction management (CM) at risk contractors.

The scope of work prescribed herein encompasses the professional services to be provided during the construction activities associated with this project. The scope of services will generally follow the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on them line items in the fee proposal.

Task Management and Administration (Task 1)

Throughout the duration of the construction phase, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct bi-monthly coordination meetings (24) with the sub-consultant team throughout the twelve month construction period. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each meeting will have an average duration of one hour.

Work Element 1.3 – Preconstruction Meeting

A pre-construction meeting will be held in Palm Beach to review the project objectives, discuss the scope of work and associated key tasks, discuss construction period procedures, review pre-construction submittal requirements, and discuss the project schedule. For budgeting purposes, it is anticipated that one staff member from each design team member (Colome, JLRD, Hillers, and R&A) would participate in this meeting.

Work Element 1.4 – Weekly Construction Meetings

A weekly construction meeting will be held in Palm Beach to review the construction progress, resolve ongoing construction and design issues, and coordinate upcoming construction activities. For budgeting purposes, it is anticipated that one staff member from Colome, would participate in each weekly meeting throughout the 12 month construction period, with each meeting having an average

duration of one hour. JLRD and Hillers will attend up to 15 weekly construction meetings as required. TKW will participate in up to 15 weekly construction meetings via telephone.

PHASE 5 – Construction Administration (Task 2)

The CONSULTANT shall perform the following tasks under Phase 5 for the entire bid package:

1. Prepare One (1) CD and 8 sets of “Conformed” plans and specifications which include all modifications resulting from bid phase addenda.
2. Review contractor’s shop drawings, certifications, and test results for compliance with the construction documents.
3. Review and approve the contractor’s monthly application for payment.
4. Respond to contractor's Requests for Information (RFI's). Prepare an ongoing log for RFI's and an ongoing submittal log.
5. Provide design consultation for changes in site conditions. Includes one (1) review & approval of a change order by Colome. Prepare Project Bulletins to address design changes, RFI's and project change orders as may be required.
6. Provide weekly site inspection visits by Colome, and up to fifteen (15) periodic site inspection visits by Hillers and JLRD as needed to address issues related to the designs if issues cannot be addressed via telephone calls and/or emails. TKW will participate in up to five (5) periodic site inspection visits.
7. Participate in the substantial completion inspection and the final inspection.
8. Prepare record of final quantities.
9. Provide “Record” drawings on AutoCAD Release 2008 based on redline drawings supplied by the Contractor(s). The “Record” drawings will be provided to the DOA within 30 calendar days of receipt of the redline drawings. The “Record” drawings will be provided in .pdf format on two CD's and one (1) full-size set of drawings.

Special Services (Task 3):

1. Limited Allowance for Quality Assurance Testing during construction (supplemental funds for these services may be required once the extent of construction – in terms of scope and schedule duration – is better defined).
2. Threshold Inspection

Assumptions and General Comments:

Construction activities will be completed in 12 months from issuance of notice to proceed to contractor.

Supporting Sub-Consultant

Colome & Associates, Inc.
Hillers Electrical Engineering, Inc.
Johnson, Levinson, Ragan, Davila, Inc.
Tierra of South Florida

Items of Work Not Included in Scope

Design and bidding phase services

Construction Management and RPR Inspection Services

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor submittals and request for information.
Contractor markups for as-built drawings

Deliverables

- One (1) CD with Conformed Contract Documents, eight (8) Sets of Conformed Plans (three full size/five half size sheets), two (2) CDs with “Record” Drawings, one (1) full size set of “Record” Drawings

Estimated Duration / Completion Date

In accordance with contractor’s construction schedule

Fee Type and Amount

See Table 1



May 16, 2013
May 13, 2013

Ricondo & Associates, Inc.
6205 Blue lagoon Drive, Suite 280
Miami, Florida 33126

Attention: Mr. David Ramacorti, C.M.

Re: Proposal for Inspection and Testing Services
Palm Beach International Airport
Restroom Renovations-Concourse B
Palm Beach County, Florida
TSF Proposal No. 1305-201Revised

Dear David:

TIERRA SOUTH FLORIDA (TSF), Inc. is pleased to submit this proposal for Inspection and Construction Materials Testing Services at the Palm Beach International Airport site in Palm Beach County, Florida. This proposal includes a summary of our understanding of the project, an outline of our proposed scope of work, and an estimate of the total job cost.

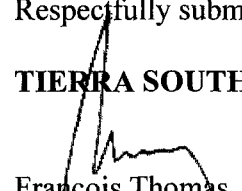
We understand that the project will include renovations of public restrooms within the main passenger terminal at PBIA. The planned work will include a new slab to be poured and inspections of reinforcing steel beforehand. It is estimated that the total fees will be as follows:

• Senior Engineering Technician	
Inspection Services-5 trips, 50 hours @ \$65.00/hour	\$3,250.00
• Concrete Tests, 4 sets @ \$85.00/set	\$ 340.00
• Threshold Engineer, P.E., 10 hours @ \$125.00/hour	<u>\$1,250.00</u>
TOTAL:	\$4,840.00

We at TSF appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.


Francois Thomas, P.E.
Principal Engineer
FL # 56381

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

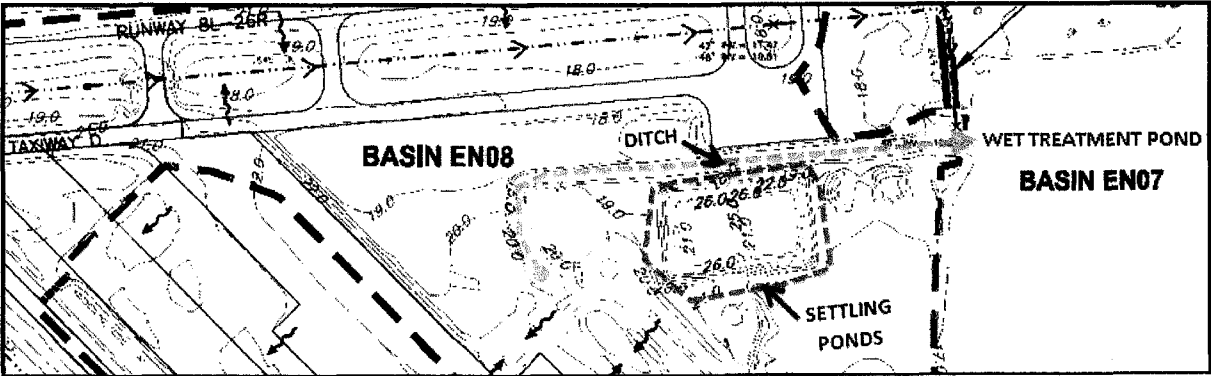
EXHIBIT A-I-4

Task Scope Sheet

Task I-13-PBI-R-067	F45 Drainage Modifications – Construction Phase Services
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Scope

On behalf of the Palm Beach County Department of Airports (DOA), the R&A Team is currently providing design phase services for the planned drainage modifications at the North Palm Beach County General Aviation Airport (F45). These improvements are to be modified to maximize the developable area south of Taxiway D, including the abandoned settling ponds.



The scope of work prescribed herein encompasses the professional services to be provided during the construction activities associated with this project. The scope of services will generally follow the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on them line items in the fee proposal.

Task Management and Administration (Task 1)

Throughout the duration of the construction phase, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct bi-monthly coordination meetings (8) with the sub-consultant team throughout the four month construction period. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each meeting will have an average duration of one hour.

Work Element 1.3 – Preconstruction Meeting

A pre-construction meeting will be held in Palm Beach to review the project objectives, discuss the scope of work and associated key tasks, discuss construction period procedures, review pre-construction submittal requirements, and discuss the project schedule. For budgeting purposes, it is anticipated that one staff member from each design team member (BND and R&A only) would participate in this meeting.

Work Element 1.4 – Weekly Construction Meetings

A weekly construction meeting will be held in Palm Beach to review the construction progress, resolve ongoing construction and design issues, and coordinate upcoming construction activities. For budgeting purposes, it is anticipated that one staff member each from BND would participate in this meeting throughout the 15 week construction period, with each meeting having an average duration of one hour.

PHASE 5 – Construction Administration (Task 2)

The CONSULTANT shall perform the following tasks under Phase 5 for the entire bid package:

1. Prepare One (1) CD and 8 sets of “Conformed” plans and specifications which include all modifications resulting from bid phase addenda.
2. Review contractor’s shop drawings, certifications, and test results for compliance with the construction documents.
3. Review and approve the contractor’s monthly application for payment.
4. Respond to contractor’s Requests for Information (RFI’s). Prepare an ongoing log for RFI’s and an ongoing submittal log.
5. Provide design consultation for changes in site conditions. Includes one (1) review & approval of a change order by BND. Prepare Project Bulletins to address design changes, RFI’s and project change orders as may be required.
6. Provide up to six (6) periodic site inspection visits by BND as needed to address issues related to the designs if issues cannot be addressed via telephone calls and/or emails.
7. Participate in the substantial completion inspection and the final inspection.
8. Prepare record of final quantities.
9. Provide “Record” drawings on AutoCAD Release 2008 based on redline drawings

supplied by the Contractor(s). The "Record" drawings will be provided to the DOA within 30 calendar days of receipt of the redline drawings. The "Record" drawings will be provided in .pdf format on two CD's and one (1) full-size set of drawings.

Assumptions and General Comments:

Construction activities will be completed in 107 days from issuance of notice to proceed to contractor.
Burrowing owl survey budget provides consideration for two potential nest relocations.

Special Services:

- Limited Allowance for Quality Assurance Testing during construction (supplemental funds for these services may be required once the extent of construction – in terms of scope and schedule duration – is better defined).
- Construction Management Plan
- Burrowing owl survey

Supporting Sub-Consultant

BND Engineers, Inc.
Cyriacks Environmental Consulting Services, Inc.
Tierra of South Florida

Items of Work Not Included in Scope

Design and bidding phase services
Construction Management and RPR Inspection Services

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor submittals and request for information.
Contractor markups for as-built drawings

Deliverables

- One (1) CD with Conformed Contract Documents, eight (8) Sets of Conformed Plans (three full size/five half size sheets), two (2) CDs with "Record" Drawings, one (1) full size set of "Record" Drawings

Estimated Duration / Completion Date

In accordance with contractor's construction schedule

Fee Type and Amount

See Table 1



May 17, 2013

Ricondo & Associates, Inc.
1000 NW 57th Court, Suite 920
Miami, Florida 33126

Attention: Mr. David Ramacorti, Director

Subject: Proposal for Construction Material Testing and Inspection Services
PBI NCO Drainage Modifications
Palm Beach County, Florida
TSF Proposal No. 1305-211

Dear David:

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

Our proposal is based on information provided to this office. We understand that the project consists of drainage modifications at the North Palm Beach County General Aviation. 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 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 field inspections and testing during production;
- Provide miscellaneous concrete testing.

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 lump sum basis in accordance with the attached rate schedule. 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, AASHTO 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.

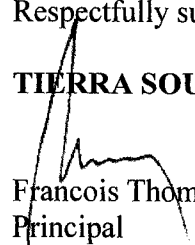
ESTIMATED COST

We proposed to accomplish the above services on a rate schedule basis using the attached rates with a not to exceed amount of **\$37,370**.

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), 8 tests @ \$95.00/each	\$ 760.00
LBR Tests-subbase and base materials, 4 tests @ \$275.00/test	\$1,100.00
Carbonate Content, 8 tests @ \$150.00/each	\$1,200.00
Grain Size, 8 tests @ \$75.00/each	\$ 600.00
Atterberg Limits, 8 tests @ \$65.00/each	\$ 520.00
Organic Content Tests, 8 tests @ \$50.00/each	<u>\$ 400.00</u>
SUBTOTAL:	\$ 4,580.00

II Construction Services-Soil Testing

Nuclear Density Tests, 200 tests @ \$25.00/each	\$ 5,000.00
Sand Cone Density Tests, 25 tests @ \$50.00/each	<u>\$ 1,250.00</u>
SUBTOTAL:	\$6,250.00

III Construction Services-Concrete Testing

Concrete tests, 10 sets @ \$85.00/set	<u>\$ 850.00</u>
SUBTOTAL:	\$ 850.00

IV Construction Services Asphalt Inspection/Testing/Professional Services

Asphalt Plant Facility Inspection, 1 day @ \$840.00/day	\$ 840.00
Asphalt Field Inspection-During production, 5 days @ \$780.00/day	\$ 3,900.00
Asphalt Plant Inspection-During production, 5 days @ \$840.00/day	\$ 4,200.00
Senior Engineering Technician, 200 hours @ \$65.00/hour	\$13,000.00
Senior Engineer, P.E, 30 hours @ \$125.00/hour	<u>\$ 3,750.00</u>
SUBTOTAL:	\$25,690.00

TOTAL CONSTRUCTION MATERIALS TESTING SERVICES:	\$37,370.00
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May 15, 2013

Mr. Dave Ramacorti
RICONDO & ASSOCIATES, INC.
1000 N.W. 57th Court, Suite 920
Miami, Florida 33126-3511

Re: PBC DOA
Airports General Consulting Services Contract
NCO Improvements – (PB DOA Project No.: I-12-NCO-R-056)
Burrowing Owl & Gopher Tortoise Survey and Permit(s)

Dear Mr. Ramacorti:

As per your request, Cyriacks Environmental Consulting Services, Inc. (CECOS) is pleased to submit this proposal to provide environmental consulting services for the subject project. Our fee estimate is based on the scope of work you provided, with minor changes (see attachment).

Estimated Fee Summary

The lump sum fee (labor and expenses) to complete the identified scope of work is **\$15,360.00** (original contract rates) and reimbursable fees in the amount of **\$1,376.00**. The Table below summarizes the project tasks and associated fees.

TASK	FEE
Meetings & Coordination	\$3,225.00
Permit Review	\$255.00
Burrowing Owl Survey	\$6,880.00
Permit Application	\$5,000.00
LABOR FEE	\$15,360.00
EXPENSES	\$1,376.00
TOTAL	\$16,736.00

Cyriacks Environmental Consulting Services, Inc
3001 SW 15th Street, Suite B
Deerfield Beach, FL 33442
954.571.0290 Fax: 954.571.7112

*Mr. Dave Ramacorti
Airports General Consulting Services Contract
NCO Improvements
Burrowing Owl / Gopher Tortoise Survey and Permit
May 15, 2013*

We are very excited about continuing to work with you on this project and appreciate the opportunity to provide these services to you. Please contact me if you have any questions or need additional information.

Very truly yours,
Cyriacks Environmental Consulting Services, Inc.

Wendy Cyriacks

Wendy Cyriacks

Attachments:

Scope of Work
Fee proposal

*Cyriacks Environmental Consulting Services, Inc
3001 SW 15th Street, Suite B
Deerfield Beach, FL 33442
954.571.0290 Fax: 954.571.7112*

Page 2 of 2

Project Description

The Palm Beach County Department of Airports (PBCDOA) intends to construct several improvements located on the north and east side of the North County Airport's internal cul-de-sac adjacent to the existing Terminal building. These improvements include the construction of hangar buildings, apron pavements, taxiways, grassed areas and drainage swale. As part of these improvement and prior to construction, burrow owl and gopher tortoise survey is required.

Scope of Work

I Burrowing Owl Nest Survey

Data Collection

CECOS will conduct data collection activities including review of available permits and records research

Conduct Survey Inspection

CECOS will perform a field survey to assess the number of active and in-active burrowing owl nests within the proposed construction area in accordance with the Migratory Bird Nest Removal Permit Application. The survey will document the number of active and in-active nests, locations, number of eggs and/or flightless young present, if any, and the number of adult owls present, if any. Digital Photograph recording will be used to document the findings and will be included in the submittal to the client and FWC for their records.

CECOS will scope the identified burrows with an approved camera to verify the presence of eggs, flightless young, and/or adults. Burrow status will be assigned to each burrow referencing the total number of owls. For estimating purposes and the size of the project scope, it is assumed up to a maximum of ten (10) nests will require video recording.

CECOS will follow proper methodology in accordance with the FWC F.A.C. 68A-27.005 guidelines for owl nest protection. Each burrow will be marked with a stake, numbered, and coordinates taken with a GPS.

CECOS will also perform a field survey to determine active and/or inactive gopher tortoise nests in accordance with FFWCCC Gopher Tortoise Permitting Guidelines (April 2008). Burrows will be scoped determine status. It is assumed that no more than three (3) burrows will require video recording.

The DOA will provide Consultant and subcontractors with airfield access and escorting services, as required. Survey is proposed to be conducted in the day time.

II Meetings and Project Coordination

1. Attend One (1) Team Design Chartering / Kick-Off Meeting
2. Attend One (1) DOA Design Kick-Off Meeting
3. One (1) FWC Pre-Application Meeting (Burrowing Owl Nest Removal Permit)

CECOS will initiate contact with FWC regarding submittal of a Migratory Bird Nest Removal Permit Application for the destruction of Burrowing Owl Nests for the Project. CECOS will attend one (1) meeting to

present the field investigation and data research findings to FWC staff. CECOS will prepare an agenda and minutes to document the discussions held during the FWC pre-application meeting.

III FWC Migratory Bird Nest Removal Permit Application & Gopher Tortoise Permit Application

CECOS will prepare and submit a FWC Migratory Bird Nest Removal Permit Application for the destruction of Burrowing Owl Nests anticipated to be impacted as a result of construction activities (one burrow is anticipated). The application will include copies of previous permits, photographs of nests, nest status activity and locations, justification for removal of nests, and the proposed measures to protect and or mitigate for the loss of the nesting habitat for this species in accordance with the Burrowing Owl Nest Protection Guidelines and Procedures in Urban Areas. Application fees associated with the FWC Permit will be provided and paid for by the DOA and are not included in this scope of work. Application fees associated with the FWC Permits will be provided and paid for by the DOA and are not included in this scope of work.

CECOS, will prepare and submit a Gopher Tortoise Permit Application (10 or fewer burrows) for the relocation of Gopher Tortoise burrows anticipated to be impacted as a result of construction activities. The application will include copies of previous permits, photographs of nests, nest status activity and locations, justification for removal of nests, and the proposed measures to protect and or mitigate for the loss of the nesting habitat for this species in accordance Gopher Tortoise Permitting Guidelines. Application fees associated with the FWC Permits will be provided and paid for by the DOA and are not included in this scope of work.

CECOS will address a maximum of one (1) RAI associated with each application - FWC Burrowing Owl Permit Application and the Gopher Tortoise Permit Application.

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-5

Task Scope Sheet

Task I-13-PBI-R-068

PBI Building 3400 Modifications – Construction Phase Services

Scope

On behalf of the Palm Beach County Department of Airports (DOA), the R&A Team is currently providing design phase services for the planned modifications to Building 3400 at the Palm Beach International Airport (PBI). In effort to expedite the completion of this effort, the construction activities will be performed by one of the DOA's on-call construction management (CM) at risk contractors.

The scope of work prescribed herein encompasses the professional services to be provided during the construction activities associated with this project. The scope of services will generally follow the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on them line items in the fee proposal.

Task Management and Administration (Task 1)

Throughout the duration of the construction phase, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct bi-monthly coordination meetings (12) with the sub-consultant team throughout the six month construction period. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each meeting will have an average duration of one hour.

Work Element 1.3 – Preconstruction Meeting

A pre-construction meeting will be held in Palm Beach to review the project objectives, discuss the scope of work and associated key tasks, discuss construction period procedures, review pre-construction submittal requirements, and discuss the project schedule. For budgeting purposes, it is anticipated that one staff member from each of the design team's primary members (Colome, JLRD, Hillers, and R&A) would participate in this meeting. TKW Consulting Engineers would not attend this meeting.

Work Element 1.4 – Weekly Construction Meetings

A weekly construction meeting will be held in Palm Beach to review the construction progress, resolve ongoing construction and design issues, and coordinate upcoming construction activities. For budgeting purposes, it is anticipated that one staff member from Colome, would participate in each

weekly meeting (24) throughout the 6 month construction period, with each meeting having an average duration of one hour. JLRD and Hillers will attend up to 12 weekly construction meetings as required. TKW would participate in up to 6 weekly construction meetings via phone.

PHASE 5 – Construction Administration (Task 2)

The CONSULTANT shall perform the following tasks under Phase 5 for the entire bid package:

1. Prepare One (1) CD and 8 sets of “Conformed” plans and specifications which include all modifications resulting from bid phase addenda.
2. Review contractor’s shop drawings, certifications, and test results for compliance with the construction documents.
3. Review and approve the contractor’s monthly application for payment.
4. Respond to contractor's Requests for Information (RFI's). Prepare an ongoing log for RFI's and an ongoing submittal log.
5. Provide design consultation for changes in site conditions. Includes one (1) review & approval of a change order by Colome. Prepare Project Bulletins to address design changes, RFI's and project change orders as may be required.
6. Provide weekly site inspection visits by Colome, and up to fifteen (12) periodic site inspection visits by Hillers and JLRD as needed to address issues related to the designs if issues cannot be addressed via telephone calls and/or emails.
7. Participate in the substantial completion inspection and the final inspection.
8. Prepare record of final quantities.
9. Provide “Record” drawings on AutoCAD Release 2008 based on redline drawings supplied by the Contractor(s). The “Record” drawings will be provided to the DOA within 30 calendar days of receipt of the redline drawings. The “Record” drawings will be provided in .pdf format on two CD's and one (1) full-size set of drawings.

Assumptions and General Comments:

Building modifications will be performed by the DOA's construction manager (CM) at risk contractor
The bid and permit package will consist of the following drawings:

- Cover sheet
- Notes/scope of work
- Building demolition plan
- Floor plan
- Reflective ceiling plan
- Enlarged plans
- Room finish schedule
- Door schedule (123 doors)
- Door details
- Life safety plan

- Life safety details
- Mechanical legend and general notes
- Fire Protection schedules and details
- Mechanical & fire protection floor plan
- Mechanical Schedules
- Mechanical demolition roof plan
- Mechanical roof plan
- Mechanical details
- Mechanical - board room demolition
- Plumbing demo and work plans
- Plumbing schedules
- Electrical general notes
- Electrical legend
- Electrical schedules
- Electrical power demo plan
- Electrical lighting demo plan
- Electrical roof demo plan
- Electrical power plan
- Electrical lighting plan
- Electrical communications plan
- Electrical power roof plan
- Electrical one line diagram and risers
- Electrical communication riser plan
- Electrical panel schedules (2)
- Electrical details (2)
- Fire alarm general notes and legend
- Fire alarm plan
- Fire alarm riser
- Fire alarm calculation
- Fire alarm detail
- Structural roof plan (2 screening walls)
- Structural sections and details

Construction activities will be completed in 6 months from issuance of notice to proceed to contractor.
All construction efforts will be performed by the DOA's CM at Risk contractor.

Supporting Sub-Consultants

Colome & Associates, Inc.
Hillers Electrical Engineering, Inc.
Johnson, Levinson, Ragan, Davila, Inc.
TKW Consulting Engineers, Inc.

Items of Work Not Included in Scope

Design and bidding phase services
Construction Management and RPR Inspection Services

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor submittals and request for information.
Contractor markups for as-built drawings

Deliverables

- One (1) CD with Conformed Contract Documents, eight (8) Sets of Conformed Plans (three full size/five half size sheets), two (2) CDs with “Record” Drawings, one (1) full size set of “Record” Drawings

Estimated Duration / Completion Date

In accordance with contractor’s construction schedule

Fee Type and Amount

See Table 1

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-6

Task Scope Sheet

Task I-13-PHK-R-069	PHK Airfield Electrical Improvements – Supplemental Design
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Scope

In December 2011, the Palm Beach County Department of Airports (DOA) issued a notice to proceed to the R&A Team to provide design phase services associated with the planned upgrades to the airfield electrical systems at the Palm Beach County Glades Airport (PHK). This effort will include complete replacement of all direct buried cable(s) & electrical equipment systems for airfield lighting, signage, and Navigational Aids (NAVAIDS). More specifically, this project includes:

- Runway 17-35 edge lighting and signage
- Taxiways A, B, C, D, E, F” edge lighting & Signage,
- NAVAIDS (including rotating beacon)
- Complete VASI systems replaced with new (2) new PAPI systems,
- New LED wind sock,
- Two New REIL Systems,
- New complete airfield cable & conduit, base cans, duct bank systems

Upon review of the 90% design submittal, the DOA requested that design team modify the design to include consideration for the construction/installation of an electrical vault to the south of the FBO leasehold. This will require additional design services associated with assessing options associated with siting the vault, procuring a prefabricated building, foundation design, site grading and drainage, and electrical connectivity to the airfield and power sources. The construction of a gravel access road, utilizing excess pavement millings from the ongoing apron rehabilitation project has also been requested.

In addition, the DOA agreed to have the design team engage a structural engineer to evaluate foundation design for the airfield’s rotating beacon and apron mast lighting. This analysis had determined that due to poor soil conditions at PHK, an alternative design would be necessary, therefore requiring additional geotechnical investigations.

The following scope of services is reflective of the additional design efforts associated with the airfield electrical vault, structural foundations for the beacon and apron mast lighting, and site preparation and installation of a gravel access road from the apron to the new beacon and electrical vault. The scope of services generally follows the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on the line items in the fee proposal.

Task Management and Administration (Task 1)

Throughout the duration of the construction phase services, various activities associated with the management of the design team will occur. The activities include:

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

Due to the variety of consultants working on this effort, R&A will conduct intermittent coordination meetings (6) with the sub-consultant team. No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each meeting would have an average duration of 1 hour.

Supplemental Design (Task 2)

During the review of the 90% design package, the DOA requested that the design team modify the scope of the design to include the following

Work Element 2.1 – Electrical Vault Siting and Design

During the 90% design meeting, the DOA requested that the design team evaluate options for constructing/installing a stand-alone structure as an electrical vault for the airport, per the attached proposal from Hillers. This will include researching the costs associated with purchasing and installing a prefabricated building and coordination with the DOA to identify the preferred location of the vault. Given its close proximity to the fuel farm, a review of the National Fire Protection Act (NFPA) regulations will also be conducted to verify the minimum separations and placement of entry doors to the vault. Electrical and mechanical calculations are to be conducted.

Work Element 2.2 – Geotech/Structural Foundation Design

The planned installation of a stand-alone electrical vault will require geotechnical analyses and structural design efforts to establish the foundation design. In addition, additional geotechnical analysis will be performed at the proposed locations of the airfield's rotating beacon and apron mast lighting to facilitate structural design associated with the concrete foundations. The structural design and geotechnical analyses will be performed in accordance with the attached proposals from Master Consulting Engineers and Tierra South Florida, respectively.

Work Element 2.3 – Gravel Access Road and Drainage Plans

Utilizing millings from the apron rehabilitation project, the paving contractor will construct a gravel access road extending from east edge of the apron to the beacon and electrical vault sites. To facilitate this effort, BND will prepare a grading and drainage plan for the gravel access road, and prepare any applicable permits with the South Florida Water Management District. Additional topographical surveys will be performed by Brown and Phillips.

Work Element 2.4 – Amend 90% Design

Following the completion of the supplemental design efforts, R&A will submit the new/revised design drawings and specifications to the DOA for final review and comment. An updated cost estimate will also be prepared and forwarded for review.

Construction Inspection - Structural Foundations Only (Task 3)

Work Element 3.1 – Site Visits

Master Consulting Engineers, Inc. will conduct two site visits during construction to inspect the foundations for the electrical vault, beacon, and light masts. It is anticipated that each site visit will have a duration of three hours each.

Supporting Sub-Consultant

Hillers Electrical Engineering, Inc.
Tierra of South Florida
Master Consulting Engineers, Inc.
BND Engineers, Inc.
Brown and Phillips, Inc.

Items of Work Not Included in Scope

N/A

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor submittals and request for information.
Contractor markups for as-built drawings

Deliverables

- 90% design construction documents associated with additional design elements
- Bid Documents addressing the additional design elements.

Estimated Duration / Completion Date

In accordance with contractor's construction schedule

Fee Type and Amount

See Table 1

May 28, 2013

Mr. Dave Ramacorti
Ricondo & Associates, Inc.
1000 N.W. 57th Court, Suite 920
Miami, FL 33126

**Re: Palm Beach County Glades (Pahokee) Airport New Electrical Vault and Beacon Tower
Topographic Survey**

Dear Mr. Ramacorti:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. The scope of services is as follows:

SCOPE OF SERVICES

I. HORIZONTAL PROJECT NETWORK CONTROL

A traverse will be run through the site and all found monumentation will be tied in. The survey will be oriented to Palm Beach County Airport horizontal control (NAD 83/90 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Department.

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed onsite using the existing Palm Beach County benchmarks (NAVD 1988). At least two benchmarks will be set onsite.

III. BASELINE LAYOUT

We will lay out the baseline at 25' intervals setting appropriate points at each station. The baseline will extend from the south edge of pavement. These baseline points will be used in the topographic and cross section phase to locate features, facilitate checks and to provide coordinates for the proposed electrical vault and beacon tower.

IV. CROSS SECTIONS

We will obtain elevations on the 200' x 200' area shown on Attachment 'B' on a 25' grid. We will locate sufficient points to give an accurate representation of the lay of the land.

1860 Old Okeechobee Road • Suite 509 • West Palm Beach, Florida 33409
(561) 615-3988 • Fax (561) 615-3991

Ramacorti
May 28, 2013
Page 2

V. TIE IN IMPROVEMENTS

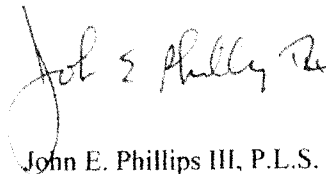
A complete topographic survey will be done at the site tying in all above ground features. This will include but not be limited to buildings, pavement, walks, utilities, and drainage structures.

VI. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide Ricondo & Associates, Inc. with six (6) hard copies and an AutoCAD file in the version requested. Any additional work will be done on an hourly basis as approved by you. We will perform the scope of services for a **lump sum fee of \$2,380.00** (see Attachment 'A' for an hourly breakdown). Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

Sincerely,

Brown & Phillips, Inc.



John E. Phillips III, P.L.S.
Principal

Attachment

JEP/mb

Accepted This _____ Day Of _____, 2013.

Ricondo & Associates, Inc.

By: _____

Print Name: _____

Title: _____

ATTACHMENT 'A'

Palm Beach County Glades (Pahokee) Airport New Electrical Vault and Beacon Tower

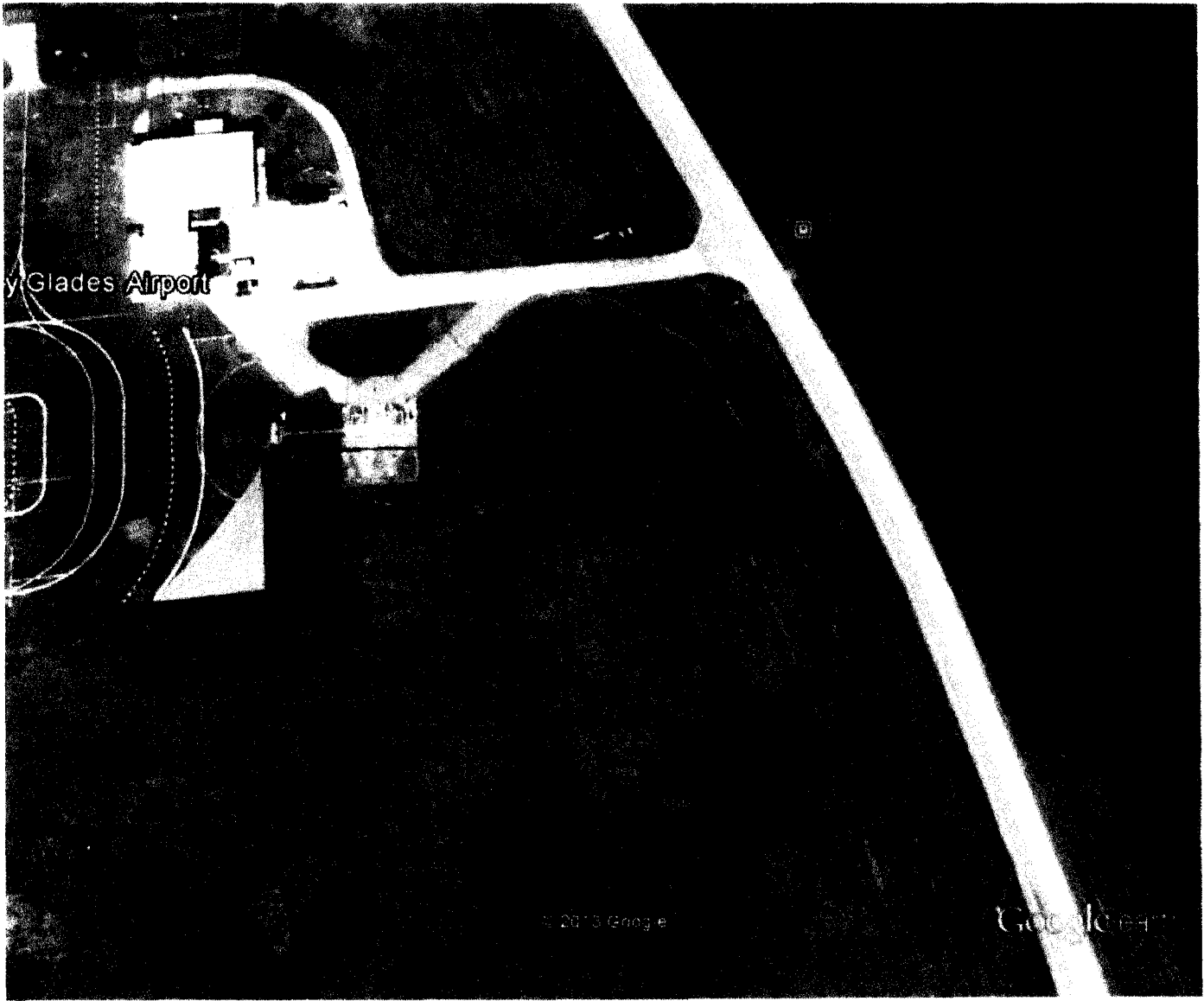
Type of Survey: Topographic

Size:

Date: May 28, 2013

TASK	2 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination					
Horizontal Project Network Control	2		1	0.5	Find / Establish control
Vertical Project Network Control	0.5		0.5		Set benchmarks
Baseline Layout	1				Set points at 25 foot intervals
Topography	2		1		Locate above ground improvements
Cross Sections	3.5		2	1	Cross sections at 25' intervals. Create TIN file
CADD Base Drawing		6	2	1	Prepare cadd drawing
Total Hours:	9	6	6.5	2.5	
Rate/Hour	\$115.00	\$80.00	\$85.00	\$125.00	
Subtotal:	\$1,035.00	\$480.00	\$552.50	\$312.50	
Total Labor Cost:					\$2,380.00

<u>Other Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Prints		sheet	\$1.50	\$0.00
Shipping		cost x markup	1.20	\$0.00
Other				\$0.00
Total Other Direct Costs:				\$0.00
TOTAL PRICE				\$2,380.00



Google earth



Attachment 'B'



January 22, 2013

Ricondo & Associates, Inc.
6205 Blue Lagoon Drive, Suite 280
Miami, Florida 33126

Attention: Mr. David Ramacorti, C.M. Director

Re: **Proposal for Geotechnical Services**
Pahokee General Aviation Airport
Beacon Tower/Light Poles
Palm Beach County, Florida
TSF Proposal No.: 1301-033

Dear David:

As requested, **Tierra South Florida, Inc. (TSF)** is pleased to submit this proposal for the above-referenced project. This proposal includes an outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

PROPOSED SCOPE OF WORK

Based on our understanding of the project requirements, we anticipate that the following geotechnical services will be required during the design phase of the project.

- Perform muck probes to 6 feet in the proposed beacon location area (anticipate 4 muck probes) at the site.
- Site layout and utility coordination.
- Visual classification of soil samples, and limited laboratory tests as required.
- Engineering evaluation and geotechnical recommendations.
- Preparation of Geotechnical Engineering Report.

Borings and test locations will be located in the field by TSF personnel. It is our understanding that elevations at boring locations will be provided by others.

Prior to drilling at the project site, TSF will notify the local utility companies and request that underground utilities be marked. Our experience, however, is that the utility companies will not mark privately owned utilities. We will also coordinate with the Airport facilities personnel to mark utilities. It is our understanding that an escort will be provided to the test locations, if required.

Upon completion of the field exploration, laboratory testing will be performed on selected samples. A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains the exploration data, depth to ground water and subsurface profile at beacon tower site.

ESTIMATED FEES

It is proposed that the fee for the performance of the services outlined above is determined on a unit price basis in accordance with the attached Fee Schedule and that the work be performed pursuant to TSF's General Conditions enclosed herewith and incorporated into this proposal. On the basis of the proposed quantities, it is estimated that the total fee will be approximately **\$2,840.00.**

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of foundation drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.

Boring, sampling, and testing requirements are a function of the subsurface conditions encountered. Therefore, the estimated fee previously indicated is approximate, and compensation for the exploration will be based on the actual work and tests performed. We will endeavor to keep the exploration cost at a minimum consistent with good engineering practice.


SCHEDULE AND AUTHORIZATION

TSF will proceed with the work after receipt of a signed copy of this proposal. With our present schedule, we can commence work within several days of project approval (weather permitting) and fieldwork will take about 1 day to complete (assuming open access and no wait time). The written report can be submitted within three weeks after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary recommendations can be made to appropriate parties prior to submittal of the written report.

We at TSF appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.



Francois Thomas, P.E.
Principal Engineer

Attachments: 1. Fee Estimate

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

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-7

Task Scope Sheet

Task I-13-PBI-R-070

PBI Security Enhancements: Supplemental Construction Phase Services

Scope

In December 2011, the Palm Beach County Department of Airports (DOA) issued a notice to proceed to the R&A Team to provide design phase services associated with the planned security improvements and lighting controls at Palm Beach International Airport (PBI). In effort to utilize a grant that was going to expire later this year, the DOA requested that the design package be segregated into two distinct phases. Since the grant could be applied to security related improvements at PBI, the DOA requested that the lighting controls portion of the PBI Security Improvements Project be segregated from the overall design and issued as a separate project to be carried out by one of its Construction Manager (CM) at Risk Contractor. Therefore, Phase 1 includes the PBI Terminal Lighting Controls, while Phase 2 will include all of the remaining security improvements.

Phase 1 of the PBI Security Improvements now includes the following:

- Lighting controls
 - Complete existing lighting control system being replaced with a new lighting control system on all floors in the PBIA Terminal, Concourses A, B, C, Parking Garages, Pump Station and Apron / Non Movement Areas.
 - Included are (18) Electrical Rooms electrical equipment & circuits -demolition, new installations, electrical modifications for Electrical Codes Issues directly related to lighting control systems.
 - There are (36), 42 Circuit, 277 Volt Control Panels that are proposed to be installed.
 - Also includes the installation of the fiber-optic backbone network cabling systems between electrical rooms / controllers and a CAT 6 cable systems for operating 120 occupancy sensors network.

Phase 2 of the PBI Security Improvements now includes the following:

- General:
 - Make provisions for all necessary material, equipment, hardware, raceway, cabling, power, labor, testing, decommissioning, training, and warranties for upgrades to the existing security systems and Facility Management System (FMS) as described herein.
 - Produce general notes and safety, staging and access plans.
- Upgrade existing Andover ACX Panels (controllers):
 - Remove existing ACX 781 panels and replace with ACX 5740 and ACX 5720 controllers with expansion modules and power supplies.
 - Integrate the ACX 5740 and 5720 controllers into the Access Control System (ACS) VLAN.

- Provide a media converter at gates V-2 and CPE2.
- Remove security connections from Andover IDX input/output (I/O) panels and place on ACX 5740 controllers.
- Upgrade IDX Panels & Separate Switchgear:
 - Remove existing IDX 810 panels and replace with "Infinet II" i2810 controllers with expansion modules and power supplies.
 - Replace existing 9900 net controllers with "NetController II" Central Processing Unit (CPU) modules.
 - Provide Infinet II Infilink i2 210 repeater units at East Pump House and Main Electric Room.
 - Switchgear monitoring and control are to remain on the FMS. Lighting controls are being removed as part of Phase 1 Construction efforts.
- Replace Card Readers:
 - Replace all existing card readers with contactless smart card readers with integrated keypads.
 - Replace all existing ID badges with smart cards.
 - Provide new badge printers that print directly to the card.
 - Develop an architectural solution to cover the large holes behind the Plexiglas® panels.
 - Modify existing badging and Personnel Identity Management (PIM) software to work with new ACS.
- Time Delayed Panic Hardware:
 - Replace existing door hardware with National Fire Protection Association (NFPA)-approved, Underwriter Laboratories (UL)-listed time delayed panic hardware at fire egress doors that are access controlled.
 - Make provisions for fire alarm interfaces.
- Security Door Modifications:
 - Modifications to existing door hardware as listed in the Survey Report.
 - Modify doors C261, C261A and C266 from Concourse C Door Replacement Project.
 - Create door schedules identifying doors, locations and hardware to be added, removed or replaced.
 - Provide new circuit breakers in the existing panelboards with new conduit and conductor systems for card access equipment in the required rooms that have available emergency power.
 - Provide emergency circuits for card access equipment in rooms with no available emergency power from electrical rooms in close proximity that contain emergency power, new circuit breakers in the existing panelboards, and new conduit and conductor systems.
 - Upgrade the existing emergency distribution to increase capacity in Electrical Room C166.

- Provide new circuit breakers in the existing panelboards with new conduit and conductor systems for card access and CCTV equipment in the Data Room, IT server Room and Communications Center.
- Repair/Replace Doors:
 - Replace doors A-107, B-143, B-222, B-281, and 130.2.
 - Change direction of door swing at Gate B2 door B-232.
 - List door hardware modifications in the door schedule.
- Vehicle Gate CPE1:
 - Convert Checkpoint #1 vehicle gate to an automated access controlled gate.
 - Include intercom for vetting of card holder by Communications Center.
 - Provide electrical power for card access and CCTV equipment at security enclosure.
- Interface existing ACS with the existing video surveillance system:
 - Develop interface requirements between the Continuum Access Control System and the Omnicast Network Video Management System for automatic cue-up of cameras in the event of a security alarm.
 - Make provisions to upgrade Continuum v1.81 software to v1.94 on all existing FMS workstations.
 - Provide for video integration software on all ACS workstations.
 - List criteria in the camera schedule to program preset and home positions into the Omnicast system as part of the project. Make provisions for necessary server and workstation software.
- Recreate FMS Graphic Maps:
 - Utilize latest AutoCAD background files to produce new graphic maps for the FMS, indicating access controlled doors and cameras.
- Upgrade Analog Cameras to IP-Addressable:
 - Replace analog Vicon cameras with Internet protocol (IP)-addressable cameras (15 total) as indicated in Appendix B of the Survey Report.
- Add/Delete Cameras:
 - Provide video surveillance at doors T-112, T-152, T-175, A-121, vehicle gate CPE2 and pedestrian gate P-2.
 - Evaluate rooftop pan-tilt-zoom (PTZ) camera coverage to view concourse fire egress doors and add cameras as necessary.
 - Add camera to Airfield Electric Vault building roof to view west end of airfield.
 - Make provisions for spare cameras.
 - Include necessary licensing for new cameras.
 - Expand existing camera video recording system.
 - Make provisions for camera power supplies and electrical service.

- Provide electrical power for CCTV equipment at Airfield Electric Vault.
- Wireless Cameras:
 - Demolish 3 existing wireless cameras and associated antennas.
 - Design wireless video transmission for five (5) new cameras viewing south side fixed based operator (FBO) ramps and the service road between FBOs.
 - Add network switch to Aircraft Rescue Fire Fighting (ARFF) facility.
 - Make provisions for camera power supplies and electrical service.
- Video Wall:
 - Decommission existing Barco video wall.
 - Reinforce existing wall between Communications Center and Server Room.
 - Provide two (2) 2x2 TileMatrix digital video wall with 55" displays, onboard computers and accessories and integrate with existing VMS.
- Replace BACnet with ONYXWorks:
 - Provide two (2) workstations loaded with ONYXWorks software at the Communications Center and connect to the Fire Alarm System. Configure database for recordkeeping of fire alarms.
 - Provide dedicated UL-certified network switch.
 - Disconnect the BACnet boards and remove from the fire panel in the Main Telephone Room.
- Network Modifications:
 - Develop requirements for Contractor to setup an emulation lab for pre-deployment of network equipment.
 - Create new ACS VLAN on the existing Department of Airports (DOA) network, including redundant servers and network connectivity to the equipment rooms, Communications Center and Maintenance Building.
 - Create new FMS VLAN on the existing DOA network, including redundant servers and network connectivity to the equipment rooms and Communications Center.
 - Provide additional DOA network switches in equipment rooms as required to integrate the net controllers ACX controllers and i2810 controllers into the DOA network.
 - Decommission existing FMS network.
 - Provide dual network interface cards (NIC) at existing FMS/ACS monitoring workstation at the Maintenance Building. Provide necessary software.
- Upgrade IDX Panels & Separate Switchgear/Lighting:
 - Provide RS485 connection from Substation D to Main Electric Room for FP&L load shed.
- Security Door Modifications:
 - Add intercom to vehicle gate V-1 and microphones at the Communications Center consoles.

- Wireless Cameras:
 - Produce enlarged plans to locate wireless cameras.
- Replace BACnet with ONYXWorks:
 - Locate two (2) workstations loaded with ONYXWorks software at the Communications Center.
- Network Modifications:
 - Add network host equipment rack to Old Communications Room equipment room layout.
 - Update existing fiber optic site plan.

The original scope and budget associated with these construction phase services were predicated on having the entire project implemented concurrently through a single contractor. With an estimated construction duration of 18 months, the overall fee for this effort had an initial budget of \$373,845.00, which was approved by the Palm Beach County Board of County Commissioners on November 20, 2012. Given that the lighting controls portion of the project was segregated and constructed separately, the overall construction period has increased by an additional six months, thereby requiring additional efforts associated with providing construction administration services. In addition, the DOA has requested that the design team provide full time Construction Field Services during Phase 1 of the project.

This scope of services is reflective of the additional construction phase services that will be provided upon the completion of the bid phase services (Phase 4) as outlined under DOA Task I-11-PBI-R-032. The estimated construction cost associated with these improvements is \$3.5 million for the security improvements and an additional \$1.2 million for the lighting controls. The additional construction administration and RPR services will be performed by Hillers Electrical Engineering, Inc. (Hillers). The scope of services will generally follow the guidelines in Exhibit A, General Scope of Services, in the Prime Agreement as described below and as shown on them line items in the fee proposal:

Task Management and Administration (Task 1)

Throughout the duration of the implementation of security improvements, various activities associated with the management of the design team will occur. The activities include: contract management, coordination with the various sub-consultants and the DOA's Construction Management (CM) at Risk contractor.

Work Element 1.1 – Contract Management

This includes all efforts associated with coordinating this project with the DOA including work plan preparation, coordination meetings, progress reporting, and invoicing.

Work Element 1.2 – Sub-consultant Coordination

R&A will conduct additional bi-monthly coordination meetings (12) with Hillers Electrical Engineering (HEE). No formal agendas or meeting notes will be prepared or distributed for these internal coordination meetings. Each monthly meeting will have an average duration of one hour.

Work Element 1.3 – Weekly Construction Meetings

Weekly construction meetings will be attended by Hillers Electrical Engineering throughout the duration of construction (estimated duration of 30 weeks). Hillers will attend each weekly meeting in person. Each meeting is anticipated to have an average duration of one hour.

Task 2: Construction Administration: Phase 1 - Lighting Controls

The CONSULTANT shall perform the following tasks under Phase 5 for the entire bid package:

1. Prepare One (1) CD and 8 sets of “Conformed” plans and specifications, which include all modifications resulting from bid phase addenda.
2. Review contractor’s product data submittals, shop drawings, certifications, and test results for compliance with the construction documents.
3. Review and approve the contractor’s monthly application for payment.
4. Respond to contractor's Requests for Information (RFI's). Prepare an ongoing log for RFI's and an ongoing submittal log.
5. Provide design consultation for changes in site conditions. Prepare Project Bulletins to address design changes, RFI's and project change orders as may be required.
6. Provide periodic site inspection visits as needed to address issues related to the electrical and lighting systems designs.
7. Participate in the substantial completion inspection and the final inspection.
8. Prepare record of final quantities.
9. Provide “Record” drawings on AutoCAD Release 2008 based on redline drawings supplied by the Contractor(s). The “Record” drawings will be provided to the DOA within 30 calendar days of receipt of the redline drawings. The “Record” drawings will be provided in .pdf format on two CD's and one (1) full-size set of drawings.

Task 3: RPR Services:

The specific Construction Management and Resident Project Representative services to be performed by the CONSULTANT will include the following:

- Schedule and host pre-construction conference;
- Prepare and distribute meeting agenda and meeting minutes for pre-construction conference and weekly construction coordination meetings;
- Assist the DOA in coordination with various stakeholders for activities that will affect day to day airport operations;
- Receive, distribute, and retain submittals between the Contractor and the Engineer-of-Record (EOR);
- Review contractor’s construction schedule;
- Schedule and host weekly construction progress and coordination meetings, and other meetings as required;
- Serve as the DOA’s liaison with the Contractor;

- Cooperate with the Contractor on the DOA's behalf in dealings with agencies having jurisdiction for permitting;
- Alert the Contractor and EOR when materials or equipment are installed prior to approval;
- Serve as the Resident Project Representative (RPR) and conduct on-site observation of the work in progress;
- Receive, distribute, and retain Requests for Information (RFI's);
- Receive and retain copies of project bulletins, letters, and project change orders submitted to the EOR. Check samples, catalog data, shop and mill tests of equipment and materials, and other data, which the Contractor is required to submit, for general conformance and compliance with the information given in the Contract Documents;
- Accompany visiting inspectors representing other agencies and record outcome of inspections;
- Maintain orderly job-site files;
- Maintain daily reports with progress photos, relevant quantities, and other relevant information including but not limited to contractor hours on the job site, weather conditions, list of visiting officials, daily activities, decisions made, observations in general, and specific observations in more detail as in the case of test procedures;
- Furnish daily and monthly progress reports to the DOA;
- Review applications for payment and certified payrolls and forward recommendations to the DOA. CONSULTANT will coordinate quantities with the Contractor prior to the formal submission of the pay application and sign the pay application prior to submittal to the EOR for signature. Lead or assist in the collection of information that the EOR would need in order to sign the pay application;
- Coordinate, oversee, and provide initial review of Quality Assurance Testing;
- Lead and participate in scheduling the substantial completion and final inspections. Prepare and distribute the associated punch lists;
- Prepare and submit to the DOA project closeout documents. Supporting documentation anticipated for FDOT grant closure include copies of the following:
 1. Certified Payrolls
 2. Daily Reports and Monthly Summaries
 3. Final Inspection Meeting Minutes and Punch-List Items
 4. Project Summary Narrative
 5. Contract Completion Time Summary
 6. Engineers Certification of Construction (by EOR)
 7. Construction Management (CM) certification confirming that the project was constructed in accordance with the design drawings and specifications
 8. Project Cost Summary showing all change orders
 9. Sponsor Certification of Plans and Specifications for DOA Signature
 10. Test Reports

Special Services:

None

Assumptions and General Comments

Hilliers to provide RPR inspection services during Phase 1 only

Construction related activities for Phase 1 and Phase 2 to occur sequentially.

Phase 1 to have an overall duration of 6 months (Full time RPR services provided for 40 hours per week for 20 weeks)

Phase 2 to have an overall duration of 18 months (No RPR services provided)

Construction activities to be performed by the DOA's Construction Manager at Risk contractor.

Items of Work Not Included in Scope

Construction Management and Inspection Services

RPR services during Phase 2 (Phase 1 only)

Supporting Sub-Consultant

Hilliers Electrical Engineering, Inc. – Electrical Engineering and Power Distribution

Data & Resources Required From Palm Beach DOA or Other Parties

Contractor submittals and request for information.

Contractor markups for as-built drawings •

Deliverables

- Construction Administration for Phase 1 - Lighting Controls:
 - Submittal Review reports
 - Site Inspection reports
 - One (1) CD with Conformed Contract Documents, eight (8) Sets of Conformed Plans (three full size/five half size sheets)
 - Two (2) CDs with "Record" Drawings, one (1) full size set of "Record" Drawings
- Construction Field Services for Phases 1 – Lighting Controls:
 - Certified Payrolls
 - Daily Reports and Monthly Summaries
 - Final Inspection Meeting Minutes and Punch-List Items
 - Project Summary Narrative
 - Contract Completion Time Summary
 - Engineers Certification of Construction (by EOR)
 - Construction Management (CM) certification confirming that the project was constructed in accordance with the design drawings and specifications
 - Project Cost Summary showing all change orders
 - Sponsor Certification of Plans and Specifications for DOA Signature
 - Test Reports

Estimated Duration / Completion Date

In accordance with contractor's construction schedule (estimated to be 18 months)

Fee Type and Amount

See Table 1

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-I-8

Task Scope Sheet

Task I-13-PBI-R-071	PBI PFC Use Application 14-15 Preparation
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Scope

The primary purpose of this assignment is to assist the County in the development of a Passenger Facility Charge (PFC) application and submittal to the Federal Aviation Administration (FAA). This task will include preparation for and participation in any required meetings with the FAA; development of the necessary documentation, including project descriptions for the airline consultation meeting and public notice; participation in the airline consultation meeting; preparation of documentation for the submittal of the PFC Application; any follow up required by the FAA; and preparation of the final notification to the airlines upon approval by the FAA.

The CONSULTANT will join County staff in coordinating with FAA-ADO staff to review the potential projects to be included in the PFC Application and obtain acknowledgement that applicable criteria and procedures are being met or are being planned for. The CONSULTANT will then prepare the required consultation notice for distribution to the airlines and the public notice required to be posted on the website. The CONSULTANT will assist the County in developing the project descriptions and cost estimates, as well as the justification and significant contribution, where applicable.

The CONSULTANT will participate in the PFC airline consultation meeting and ensure that the proper procedures are met and documentation is obtained. The CONSULTANT will subsequently prepare and submit a draft of the PFC Application to the FAA for their preliminary and informal review while awaiting airline comments.

After waiting the required 30-day period to receive airline comments, the CONSULTANT will finalize the application and assist the County with required responses to airline disagreements, if any. The CONSULTANT will provide the County with a completed copy of the application for its signature and submittal to the FAA and will subsequently submit the required copies to the FAA for their consideration.

This task also includes a contingency of \$20,000 for a potential amendment to the PFC application

Items of Work Not Included in Scope

Project regulatory requirements (e.g. ALP Updates, NEPA compliance, Airspace checklists/studies) required for Impose and Use projects

Supporting Sub-Consultant

None

Data & Resources Required From Palm Beach DOA or Other Parties

Estimated project costs, start and completion dates, current Airport Layout Plan (ALP), five-year capital program, and any required airspace and/or environmental review documents.

Deliverables

Airline Consultation Meeting Minutes
Copies of the PFC Application
Amended PFC Application (if necessary)

Estimated Duration / Completion Date

Within nine (9) months from the Notice to Proceed

Fee Type and Amount

Fixed Fee – See Table 1

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-II

R&A Work Program #6 - Level 2 Tasks

There are no Level 2 tasks associated with Work Program #6 of Amendment 9.

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT A-III

R&A Work Program #6 - Level 3 Tasks

There are no Level 3 tasks associated with Work Program #6 of Amendment 9.

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT B

DETAILED FEES, EXPENSES, AND PAYMENTS

A detailed labor and fee estimate for R&A and each of its primary team members are also provided in **Tables B-1 through B-10**.

Table B-1
Labor/Fee Estimate Summary (Ricondo & Associates) - Work Program #6

Billing Rate									
25.00 225.00 155.00 25.00 25.00									
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)			
	Officer	Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total
Level 1 Tasks:									
PBI:									
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	0	27	11	5	43	\$ 8,155	\$ 165	\$ 93,405	\$ 101,725
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	71	43	10	0	\$ 23,278	\$ 1,875	\$ 80,650	\$ 105,803
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	0	41	24	9	74	\$ 13,620	\$ 1,875	\$ 51,010	\$ 66,505
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	29	7	2	38	\$ 7,647	\$ 465	\$ 100,565	\$ 108,677
I-13-PBI-R-071 PBI PFC Use Application 14-15	34	264	0	4	302	\$ 68,030	\$ 1,540	\$ -	\$ 69,570
PHK:									
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	0	48	17	8	73	\$ 13,923	\$ 1,725	\$ 119,370	\$ 135,018
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	0	23	54	3	80	\$ 13,770	\$ -	\$ 35,998	\$ 49,768
NCO:									
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	0	38	57	28	123	\$ 19,372	\$ 1,920	\$ 83,649	\$ 104,941
Subtotal Level 1 Task	34	589	213	95	632	\$ 167,795	\$ 9,565	\$ 564,647	\$ 742,007
Level 2 Tasks:									
Subtotal Level 2 Task	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
Level 3 Tasks:									
Subtotal Level 3 Task	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
Grand Total Level 1, 2 and 3 Task	34	589	213	95	632	\$ 167,795	\$ 9,565	\$ 564,647	\$ 742,007

Sources: R&A Team
Prepared by: Ricondo & Associates, Inc.

Table B-2
Labor/Fee Estimate Summary (TKW) - Work Program #6

Billing Rate:		\$	150	\$	85	\$	60
Task Description	Labor Estimate (Hours)				Fee Estimate (\$)		
	Project Manager / Engineer II	Engineer Intern II / Designer	Clerical	Total	Labor	Expenses	Total
Level 1 Tasks:							
PBI:							
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	30	59	8	97	\$ 9,995	\$ -	\$ 9,995
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	51	46	9	106	\$ 12,100	\$ 1,660	\$ 13,760
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	34	24	3	61	\$ 7,320	\$ 720	\$ 8,040
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI PFC Use Application 14-15	0	0	0	0	\$ -	\$ -	\$ -
PHK:							
I-12-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	0	0	0	0	\$ -	\$ -	\$ -
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	0	0	0	0	\$ -	\$ -	\$ -
NCO:							
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	0	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	115	129	20	264	\$ 29,415	\$ 2,380	\$ 31,795
Level 2 Tasks:							
Subtotal - Level 2 Tasks	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:							
Subtotal - Level 3 Tasks	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	115	129	20	264	\$ 29,415	\$ 2,380	\$ 31,795

Source: TKW Consulting Engineers, Inc.
Prepared by: Ricondo & Associates, Inc.

Table B-3
Labor/Fee Estimate Summary (BND Engineers) - Work Program #6

Billing Rate:		\$	137	\$	132	\$	69
Task Description	Labor Estimate (Hours)				Fee Estimate (\$)		
	Project Manager	Senior Engineer	Cadd Tech.	Total	Labor	Expenses	Total
Level 1 Tasks:							
PBI:							
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	0	0	0	0	\$	-	\$ -
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	0	0	0	\$	-	\$ -
I-13-PBI-R-068 PBI Building 3400 Modifications - Construction Phase Services	0	0	0	0	\$	-	\$ -
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	0	\$	-	\$ -
I-13-PBI-R-071 PBI PFC Use Application 14-15	0	0	0	0	\$	-	\$ -
PHK:							
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services				0	\$	-	\$ -
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	16	28	40	84	\$	8,648	\$ 8,648
NCO:							
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	109	95	30	234	\$	29,543	\$ 29,543
Subtotal - Level 1 Tasks	125	123	70	318	\$	38,191	\$ 38,191
Level 2 Tasks:							
Subtotal - Level 2 Tasks	0	0	0	0	\$	-	\$ -
Level 3 Tasks:							
Subtotal - Level 3 Tasks	0	0	0	0	\$	-	\$ -
Grand Total	125	123	70	318	\$	38,191	\$ 38,191

Source: BND Engineers, Inc.
Prepared by: BND Engineers, Inc.

Table B-4
Labor/Fee Estimate Summary (MCE) - Work Program #6

Billing Rate: \$ 200 \$ 80						
Task Description	Labor Estimate (Hours)			Fee Estimate (\$)		
	Principal	Technician / CAD Operator	Total	Labor	Expenses	Total
Level 1 Tasks:						
PBI:						
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-068 PBI Building 3400 Modifications - Construction Phase Services	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI PFC Use Application 14-15	0	0	0	\$ -	\$ -	\$ -
PHK:						
I-13-PHK-R-056 PHK Airfield Electrical Upgrades - Construction Phase Services	0	0	0	\$ -	\$ -	\$ -
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	20	33	96	\$ 11,325	\$ 695	\$ 12,020
NCO:						
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	20	33	96	\$ 11,325	\$ 695	\$ 12,020
Level 2 Tasks:						
Subtotal - Level 2 Tasks	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:						
Subtotal - Level 3 Tasks	0	0	0	\$ -	\$ -	\$ -
Grand Total	20	33	96	\$ 11,325	\$ 695	\$ 12,020

Source: Master Consulting Engineers, Inc.
Prepared by: Ricondo & Associates, Inc.

Table B-5
Labor/Fee Estimate Summary (Brown & Phillips) - Work Program #6

Billing Rate: \$ 125 \$ 85 \$ 80 \$ 115								
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)		
	Professional	Survey Tech.	Cadd Tech	2-Man Field Crew	Total	Labor	Expenses	Total
Level 1 Tasks:								
PBI:								
I-13-PBI-R-036 PBI Building 3400 Modifications - Phase 2 Design	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-098 PBI Building 3400 Modifications - Construction Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI RFID Use Application (14-1)	0	0	0	0	0	\$ -	\$ -	\$ -
PHK:								
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	3	7	6	9	24	\$ 2,380	\$ -	\$ 2,380
NCO:								
I-13-NCO-R-007 NCO Drainage Modifications - Const. Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	3	7	6	9	24	\$ 2,380	\$ -	\$ 2,380
Level 2 Tasks:								
Subtotal - Level 2 Tasks	0	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:								
Subtotal - Level 3 Tasks	0	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	3	7	6	9	24	\$ 2,380	\$ -	\$ 2,380

Source: Brown and Phillips, Inc.
Prepared by: Ricoondo & Associates, Inc.

Table B-6
Labor/Fee Estimate Summary (Hillers Electrical) - Work Program #6

Billing Rate: \$ 105 \$ 95 \$ 95 \$ 90 \$ 85 \$ 70 \$ 40											
Task Description	Labor Estimate (Hours)							Fee Estimate (\$)			
	Project Manager	Senior Engineer	Professional Engineer	Project Engineer	Field Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total
Level 1 Tasks:											
PBI:											
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	8	0	66	71	0	50	36	231	\$ 18,440	\$ -	\$ 18,440
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	12	0	88	105	0	37	26	268	\$ 22,700	\$ -	\$ 22,700
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	10	0	73	61	0	24	16	184	\$ 15,795	\$ -	\$ 15,795
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	21	0	150	888	0	33	47	1,139	\$ 100,565	\$ -	\$ 100,565
I-13-PBI-R-071 PBI PFC Use Application (A-1)	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
PHK:											
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	28	0	116	86	840	16	0	1,132	\$ 96,060	\$ -	\$ 96,060
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	8	0	36	41	0	20	19	124	\$ 10,110	\$ -	\$ 10,110
NCO:											
I-13-NCO-R-067 P43 Drainage Infrastructure - Const. Phase Services	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	87	0	529	1,252	840	180	190	3,078	\$ 263,670	\$ -	\$ 263,670
Level 2 Tasks:											
Subtotal - Level 2 Tasks	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:											
Subtotal - Level 3 Tasks	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	87	0	529	1,252	840	180	190	3,078	\$ 263,670	\$ -	\$ 263,670

Source: Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table B-7
Labor/Fee Estimate Summary (Terra) - Work Program #6

Billing Rate: \$ 145 \$ 125 \$ 115 \$ 85 \$ 65 \$ 60 \$ 70											
Task Description	Labor Estimate (Hours)							Fee Estimate (\$)			
	Principal Engineer (P.E.)	Senior Geotechnical Engineer	Engineer	Staff Engineer	Senior Engineering Technician	Engineering Technician	Pile Inspector	Total	Labor	Expenses	Total
Level 1 Tasks:											
PBI:											
I-13-PBI-R-065 PBI Building 3400 Installation & Removal Design	0	0	0	0	0	0	0	0			
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	10	0	0	50	0	0	60	\$ 4,500	\$ 340	\$ 4,840
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI PFO Use Application 14-15	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
PHK:											
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	0	10	0	0	0	0	30	40	\$ 3,350	\$ 6,615	\$ 9,965
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	1	1	6	2	0	2	0	12	\$ 1,250	\$ 1,590	\$ 2,840
NCO:											
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	0	30	0	0	200	0	0	230	\$ 16,750	\$ 20,620	\$ 37,370
Subtotal - Level 1 Tasks	1	51	6	2	250	2	30	342	\$ 25,850	\$ 29,165	\$ 55,015
Level 2 Tasks:											
Subtotal - Level 2 Tasks	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:											
Subtotal - Level 3 Tasks	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	1	51	6	2	250	2	30	342	\$ 25,850	\$ 29,165	\$ 55,015

Source: Terra South Florida
Prepared by: Ricondo & Associates, Inc.

Table B-8
Labor/Fee Estimate Summary (CECOS Environmental) - Work Program #6

Billing Rate: \$ 165 \$ 110 \$ 85 \$ 75 \$ 75 \$ 60										
Task Description	Labor Estimate (Hours)							Fee Estimate (\$)		
	Project Manager	Senior Environmental Scientist II	Environmental Scientist	Environmental Analyst	GIS Analyst	Admin.	Total	Labor	Expenses	Total
Level 1 Tasks:										
PBI:										
I-13-PBI-R-065 PBI Building 2400 Improvements - Phase 1 Design	1	0	0	0	0	0	0	\$	0	\$
I-13-PBI-R-065 PBI Terminal Resurfacing - Construction Phase Services	0	0	0	0	0	0	0	\$	0	\$
I-13-PBI-R-038 PBI Building 2400 Improvements - Construction Phase Services	0	0	0	0	0	0	0	\$	0	\$
I-13-PBI-R-070 PBI Building Enhancements - Const. Phase Services (Supplemental)	0	0	0	0	0	0	0	\$	0	\$
I-13-PBI-R-071 PBI BPO Use Agreement 14.1.1	0	0	0	0	0	0	0	\$	0	\$
PHK:										
I-13-PHK-R-058 PHK Airfield Electrical Upgrades - Construction Phase Services	7	52	54	0	0	2	115	\$	11,585	\$
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	0	0	0	0	0	0	0	\$	0	\$
NCO:										
I-12-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	17	0	102	29	22	1	171	\$	15,360	\$
Subtotal - Level 1 Tasks	24	52	156	29	22	3	286	\$	26,945	\$
Level 2 Tasks:										
Subtotal - Level 2 Tasks	0	0	0	0	0	0	0	\$	-	\$
Level 3 Tasks:										
Subtotal - Level 3 Tasks	0	0	0	0	0	0	0	\$	-	\$
Grand Total	24	52	156	29	22	3	286	\$	26,945	\$

Source: CECOS Environmental
Prepared by: Ricondo & Associates, Inc.

Table B-9

Labor/Fee Estimate Summary (Colome) - Work Program #6

Billing Rate:								
\$ 125 \$ 110 \$ 70 \$ 40								
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)		
	Principal	Project Manager	Architectural Drafting	Clerical	Total	Labor	Expenses	Total
Level 1 Tasks:								
PBI:								
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	15	150	342	28	535	\$ 43,435	\$ -	\$ 43,435
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	10	143	125	42	320	\$ 27,410	\$ -	\$ 27,410
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	8	112	76	19	215	\$ 19,400	\$ 200	\$ 19,600
I-13-PBI-R-070 PBI Security Enhancements - Const. Phase Services (Supplement #1)	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI PFC Use Application (A-15)	0	0	0	0	0	\$ -	\$ -	\$ -
PHK:								
I-13-PHK-R-068 PHK Airfield Electrical Upgrades - Construction Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PHK-R-069 PHK Airfield Electrical Upgrades - Supplemental Design Services	0	0	0	0	0	\$ -	\$ -	\$ -
NCO:								
I-13-NCO-R-067 F45 Drainage Modifications - Const. Phase Services	0	0	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	33	405	543	89	1,070	\$ 90,245	\$ 200	\$ 90,445
Level 2 Tasks:								
Subtotal - Level 2 Tasks	0	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:								
Subtotal - Level 3 Tasks	0	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	33	405	543	89	1,070	\$ 90,245	\$ 200	\$ 90,445

Source: Colome and Associates, Inc.

Prepared by: Ricondo & Associates, Inc.

Table B-10
Labor/Fee Estimate Summary (JLRD) - Work Program #6

Billing Rate: \$ 180 \$ 130 \$ 95 \$ 55 \$ 40									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Principal	Project Engineer	Senior Designer	Draftsperson	Clerical	Total	Labor	Expenses	Total
Level 1 Tasks:									
PBI:									
I-13-PBI-R-065 PBI Building 3400 Modifications (Phase 2 Design)	14	64	68	69	11	226	\$ 21,535	\$ -	\$ 21,535
I-13-PBI-R-066 PBI Terminal Restrooms - Construction Phase Services	0	66	26	14	3	109	\$ 11,940	\$ -	\$ 11,940
I-13-PBI-R-068 PBI Building 3400 Modifications: Construction Phase Services	0	48	0	17	10	75	\$ 7,575	\$ -	\$ 7,575
I-13-PBI-R-070 PBI Security Enhancement - Const. Phase Services (Supplement #1)	0	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PBI-R-071 PBI PFD Use Application #4-15	0	0	0	0	0	0	\$ -	\$ -	\$ -
PHK:									
I-13-PHK-R-058 PHK Airside Electrical Upgrades - Construction Phase Services	0	0	0	0	0	0	\$ -	\$ -	\$ -
I-13-PHK-R-059 PHK Airside Electrical Upgrades - Supplemental Design Services	0	0	0	0	0	0	\$ -	\$ -	\$ -
NCO:									
I-12-NCO-R-087 R46 Damage Mitigation - Const. Phase Services	0	0	0	0	0	0	\$ -	\$ -	\$ -
Subtotal - Level 1 Tasks	14	178	94	100	24	410	\$ 41,050	\$ -	\$ 41,050
Level 2 Tasks:									
Subtotal - Level 2 Tasks	0	0	0	0	0	0	\$ -	\$ -	\$ -
Level 3 Tasks:									
Subtotal - Level 3 Tasks	0	0	0	0	0	0	\$ -	\$ -	\$ -
Grand Total	14	178	94	100	24	410	\$ 41,050	\$ -	\$ 41,050

Source: Johnson, Levinson, Ragan, Davila
Prepared by: Ricondo & Associates, Inc.

Table 58-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PHK Airfield Electrical Improvements - Construction Phase Services

Billing Rate:		\$	225	\$	155	\$	75			
		Labor Estimate (Hours)				Fee Estimate (\$)				
Task Description		Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PBDOA Task No I-13-PHK-R-058										
1.0 Task Management & Administration	Total	45	7	3	55	\$ 11,323	\$ 275	\$ 2,555	\$ 14,153	
1.1 Contract Management		31	7	3	41	\$ 8,173	\$ 220	\$ -	\$ 8,393	
1.2 Subconsultant Coordination		12			12	\$ 2,700	\$ -	\$ -	\$ 2,700	
1.3 Pre-construction Meeting		2			2	\$ 450	\$ 55	\$ 105	\$ 610	
1.4 Weekly Construction Meetings					0	\$ -	\$ -	\$ 2,450	\$ 2,450	
2.0 Phase 5 - Construction Administration	Total	3	10	5	18	\$ 2,600	\$ 1,450	\$ 15,565	\$ 19,615	
2.01 Conformed Documents		2	8	4	14	\$ 1,990	\$ 1,200	\$ 830	\$ 4,020	
2.02 Review Shop Drawings, Certs & Test Results					0	\$ -	\$ -	\$ 6,960	\$ 6,960	
2.03 Review/Approve Monthly Pay Application					0	\$ -	\$ -	\$ 380	\$ 380	
2.04 Respond to RFI's					0	\$ -	\$ -	\$ 2,520	\$ 2,520	
2.05 Design Consultation					0	\$ -	\$ -	\$ -	\$ -	
2.06 Substantial Completion/Final Inspections					0	\$ -	\$ -	\$ 3,410	\$ 3,410	
2.07 Record of Final Quantities					0	\$ -	\$ -	\$ -	\$ -	
2.08 As-built Drawings		1	2	1	4	\$ 610	\$ 250	\$ 1,465	\$ 2,325	
3.0 Special Services	Total	0	0	0	0	\$ -	\$ -	\$ 101,250	\$ 101,250	
3.1 Materials Testing					0	\$ -	\$ -	\$ 9,965	\$ 9,965	
3.2 Resident Construction Inspection					0	\$ -	\$ -	\$ 77,940	\$ 77,940	
3.3 Burrowing Owl Survey					0	\$ -	\$ -	\$ 13,345	\$ 13,345	
Grand Total		48	17	8	73	\$ 13,923	\$ 1,725	\$ 119,370	\$ 135,018	

Source: Ricondo & Associates, Inc., Hillers Electrical Engineering, Inc.; Cyriacks Envrinmental Consulting Services, Inc.; Tierra of South Florida, Inc.
 Prepared by: Ricondo & Associates, Inc.

Table 58-2

Labor/Fee Estimate Summary (Hillers Electrical) - PHK Airfield Electrical Improvements - Construction Phase Services

Billing Rate:		\$	105	\$	95	\$	90	\$	85	\$	70	\$	40
		Labor Estimate (Hours)							Fee Estimate (\$)				
Task Description		Project Manager	Professional Engineer	Project Engineer	Field Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total		
PBDOA Task No I-13-PHK-R-058													
1.0 Task Management & Administration	Total	5	18	0	0	0	8	31	\$ 2,555	\$ -	\$ 2,555		
1.1 Contract Management								0	\$ -	\$ -	\$ -		
1.2 Subconsultant Coordination								0	\$ -	\$ -	\$ -		
1.3 Pre-construction Meeting	1							1	\$ 105	\$ -	\$ 105		
1.4 Weekly Construction Meetings	4		18				8	30	\$ 2,450	\$ -	\$ 2,450		
2.0 Phase 5 - Construction Administration	Total	15	74	38	20	16	18	181	\$ 15,565	\$ -	\$ 15,565		
2.01 Conformed Documents			2	4		4		10	\$ 830	\$ -	\$ 830		
2.02 Review Shop Drawings, Certs & Test Results	8		40	24			4	76	\$ 6,960	\$ -	\$ 6,960		
2.03 Review/Approve Monthly Pay Application			4					4	\$ 380	\$ -	\$ 380		
2.04 Respond to RFI's	4		8	10		4	4	30	\$ 2,520	\$ -	\$ 2,520		
2.05 Design Consultation								0	\$ -	\$ -	\$ -		
2.06 Substantial Completion/Final Inspections	2		16		16		8	42	\$ 3,410	\$ -	\$ 3,410		
2.07 Record of Final Quantities								0	\$ -	\$ -	\$ -		
2.08 As-built Drawings	1		4		4	8	2	19	\$ 1,465	\$ -	\$ 1,465		
3.0 Special Services	Total	8	24	48	820	0	20	920	\$ 77,940	\$ -	\$ 77,940		
3.1 Materials Testing								0	\$ -	\$ -	\$ -		
3.2 Resident Construction Inspection	8		24	48	820		20	920	\$ 77,940	\$ -	\$ 77,940		
3.3 Borrowing Cost Summary								0	\$ -	\$ -	\$ -		
Grand Total		28	116	86	840	16	46	1,132	\$ 96,060	\$ -	\$ 96,060		

Source: Hillers Electrical Engineering, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 58-3

Labor/Fee Estimate Summary (CECOS Environmental) - PHK Airfield Electrical Improvements – Construction Phase Services

Billing Rate: \$ 165 \$ 110 \$ 85 \$ 60									
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)			
	Project Manager	Senior Environmental Scientist II	Environmental Scientist	Admin.	Total	Labor	Expenses	Total	
PBDOA Task No I-13-PHK-R-058									
1.0 Task Management & Administration	Total	0	0	0	0	\$ -	\$ -	\$ -	
1.1 Contract Management					0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -	
1.2 Pre-construction Meeting					0	\$ -	\$ -	\$ -	
1.4 Weekly Construction Meetings					0	\$ -	\$ -	\$ -	
2.0 Phase 5 - Construction Administration	Total	0	0	0	0	\$ -	\$ -	\$ -	
2.01 Conformed Documents					0	\$ -	\$ -	\$ -	
2.02 Review Shop Drawings, Certs & Test Results					0	\$ -	\$ -	\$ -	
2.03 Review/Approve Monthly Pay Application					0	\$ -	\$ -	\$ -	
2.04 Respond to RFI's					0	\$ -	\$ -	\$ -	
2.05 Design Consultation					0	\$ -	\$ -	\$ -	
2.06 Substantial Completion/Final Inspections					0	\$ -	\$ -	\$ -	
2.07 Record of Final Quantities					0	\$ -	\$ -	\$ -	
2.08 As-built Drawings					0	\$ -	\$ -	\$ -	
3.0 Special Services	Total	7	52	54	2	\$ 11,585	\$ 1,760	\$ 13,345	
3.1 Materials Testing					0	\$ -	\$ -	\$ -	
3.2 Resident Construction Inspection					0	\$ -	\$ -	\$ -	
3.3 Burrowing Owl Survey		7	52	54	2	\$ 11,585	\$ 1,760	\$ 13,345	
Grand Total		7	52	54	2	\$ 11,585	\$ 1,760	\$ 13,345	

Source: Cyriaks Environmental Consultants, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 58-4

Labor/Fee Estimate Summary (Tierra) - PHK Airfield Electrical Improvements – Construction Phase Services

Billing Rate: \$ 125 \$ 70

Task Description	Labor Estimate (Hours)			Fee Estimate (\$)		
	Senior Geotechnical Engineer P.E.	Pile Inspector	Total	Labor	Expenses	Total
PBDOA Task No I-13-PHK-R-058						
1.0 Task Management & Administration	Total	0	0	\$ -	\$ -	\$ -
1.1 Contract Management			0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination			0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting			0	\$ -	\$ -	\$ -
1.4 Weekly Construction Meetings			0	\$ -	\$ -	\$ -
2.0 Phase 5 - Construction Administration	Total	0	0	\$ -	\$ -	\$ -
2.01 Conformed Documents			0	\$ -	\$ -	\$ -
2.02 Review Shop Drawings, Certs & Test Results			0	\$ -	\$ -	\$ -
2.03 Review/Approve Monthly Pay Application			0	\$ -	\$ -	\$ -
2.04 Respond to RFI's			0	\$ -	\$ -	\$ -
2.05 Design Consultation			0	\$ -	\$ -	\$ -
2.06 Substantial Completion/Final Inspections			0	\$ -	\$ -	\$ -
2.07 Record of Final Quantities			0	\$ -	\$ -	\$ -
2.08 As-built Drawings			0	\$ -	\$ -	\$ -
3.0 Special Services	Total	10	30	\$ 3,350	\$ 6,615	\$ 9,965
3.1 Materials Testing		10	30	\$ 3,350	\$ 6,615	\$ 9,965
3.2 Resident Construction Inspection			0	\$ -	\$ -	\$ -
3.3 Burrowing Owl Survey			0	\$ -	\$ -	\$ -
Grand Total	10	30	40	\$ 3,350	\$ 6,615	\$ 9,965

Source: Tierra South Florida, Inc.

Prepared by: Ricondo & Associates, Inc.

Labor/Fee Estimate Summary (Ricondo & Associates) - PBI Building 3400 Modifications (Phase 2 Design)

Description	Labor Estimate (Hours)				Fee Estimate (\$)				
	Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
No 1-13-PBI-R-065									
Task Management & Administration	Total	25	7	4	36	\$ 7,010	\$ 110	\$ 850	\$ 7,970
Contract Management	16	7	4	27	\$ 4,985	\$ 110	\$ -	\$ 5,095	
Subconsultant Coordination	9			9	\$ 2,025	\$ -	\$ -	\$ 2,025	
Design Coordination with CM @ Risk Contractor				0	\$ -	\$ -	\$ 850	\$ 850	
Phase 3C: Permit/Bid Documents	Total	0	0	0	\$ -	\$ -	\$ 87,945	\$ 87,945	
1. Architectural Drawings				0	\$ -	\$ -	\$ 34,380	\$ 34,380	
2. Structural Drawings				0	\$ -	\$ -	\$ 7,600	\$ 7,600	
3. Electrical Drawings				0	\$ -	\$ -	\$ 12,270	\$ 12,270	
4. Mechanical and Plumbing Drawings				0	\$ -	\$ -	\$ 17,875	\$ 17,875	
5. Specifications/Front End Documents				0	\$ -	\$ -	\$ 11,225	\$ 11,225	
6. Cost Estimates				0	\$ -	\$ -	\$ 3,815	\$ 3,815	
7. QA/QC & Production				0	\$ -	\$ -	\$ 980	\$ 980	
Bidding	Total	2	4	1	7	\$ 1,145	\$ 55	\$ 4,610	\$ 5,810
DOA/CM Coordination				0	\$ -	\$ -	\$ 1,160	\$ 1,160	
Pre-Bid Meeting		2		2	\$ 310	\$ 55	\$ 555	\$ 920	
Response to Bidders Questions				0	\$ -	\$ -	\$ 2,445	\$ 2,445	
Review Bid - recommendation	2	2	1	5	\$ 835	\$ -	\$ 450	\$ 1,285	
Grand Total	27	11	5	43	\$ 8,155	\$ 165	\$ 93,405	\$ 101,725	

Sources: Ricoondo & Associates, Inc.; Colome & Associates, Inc.; Johnson, Levinson, Ragan, Davila, Inc.; Hillers Electrical Engineering, Inc.; TKW Consulting Engineers, Inc.
Prepared by: Ricoondo & Associates, Inc.

Table 65-2

Labor/Fee Estimate Summary (Colome & Associates, Inc.) - PBI Building 3400 Modifications (Phase 2 Design)

Billing Rate:		\$	125	\$	110	\$	70	\$	40
Task Description		Labor Estimate (Hours)					Fee Estimate (\$)		
		Principal	Project Manager	Architectural	Clerical	Total	Labor	Expenses	Total
				Drafting					
PBI Task No 1-13-PBI-R-065									
1.0 Task Management & Administration	Total	0	2	0	0	2	\$ 220.00	\$ -	\$ 220.00
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
1.3 Design Coordination with CM @ Risk Contractor			2			2	\$ 220	\$ -	\$ 220
2.0 Phase 3C: Permit/Bid Documents	Total	15	131	340	25	511	\$ 41,085.00	\$ -	\$ 41,085.00
2.01 Architectural Drawings		8	88	334	8	438	\$ 34,380	\$ -	\$ 34,380
2.02 Structural Drawings						0	\$ -	\$ -	\$ -
2.03 Electrical Drawings						0	\$ -	\$ -	\$ -
2.04 Mechanical and Plumbing Drawings						0	\$ -	\$ -	\$ -
2.05 Specifications		4	24		10	38	\$ 3,540	\$ -	\$ 3,540
2.06 Cost Estimates		3	15		4	22	\$ 2,185	\$ -	\$ 2,185
2.07 QA/QC & Production			4	6	3	13	\$ 980	\$ -	\$ 980
3.0 Bidding	Total	0	17	2	3	22	\$ 2,130.00	\$ -	\$ 2,130.00
3.1 DOA/CM Coordination			4			4	\$ 440	\$ -	\$ 440
3.2 Pre-Bid Meeting			3			3	\$ 330	\$ -	\$ 330
3.3 Response to Bidders Questions			8	2	2	12	\$ 1,100	\$ -	\$ 1,100
3.4 Review Bid - recommendation			2		1	3	\$ 260	\$ -	\$ 260
Grand Total		15	150	342	28	535	\$ 43,435	\$ -	\$ 43,435

Source: Colome & Associates, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 65-3

Labor/Fee Estimate Summary (JLRD) - PBI Building 3400 Modifications (Phase 2 Design)

Billing Rate: \$ 180 \$ 130 \$ 95 \$ 55 \$ 40									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Principal	Project Engineer	Senior Designer	CADD	Clerical	Total	Labor	Expenses	Total
PBI Task No I-13-PBI-R-065									
1.0 Task Management & Administration	Total	0	2	0	0	2	\$ 260	\$ -	\$ 260
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
1.3 Design Coordination with CM @ Risk Contractor		2				2	\$ 260	\$ -	\$ 260
2.0 Phase 3C: Permit/Bid Documents	Total	14	56	68	69	218	\$ 20,495	\$ -	\$ 20,495
2.01 Architectural Drawings						0	\$ -	\$ -	\$ -
2.02 Structural Drawings						0	\$ -	\$ -	\$ -
2.03 Electrical Drawings						0	\$ -	\$ -	\$ -
2.04 Mechanical and Plumbing Drawings	12	42	68	69		191	\$ 17,875	\$ -	\$ 17,875
2.05 Specifications	2	10			11	23	\$ 2,100	\$ -	\$ 2,100
2.06 Cost Estimates		4				4	\$ 520	\$ -	\$ 520
2.07 QA/QC & Production						0	\$ -	\$ -	\$ -
3.0 Bidding	Total	0	6	0	0	6	\$ 780	\$ -	\$ 780
3.1 DOA/CM Coordination			2			2	\$ 260	\$ -	\$ 260
3.2 Pre-Bid Meeting						0	\$ -	\$ -	\$ -
3.3 Response to Bidders Questions		4				4	\$ 520	\$ -	\$ 520
3.4 Review Bid - recommendation						0	\$ -	\$ -	\$ -
Grand Total	14	64	68	69	11	226	\$ 21,535	\$ -	\$ 21,535

Source: Johnson, Levinson, Ragan, Davila, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 65-4

Labor/Fee Estimate Summary (Hillers Electrical) - PBI Building 3400 Modifications (Phase 2 Design)

Billing Rate: \$ 105 \$ 95 \$ 90 \$ 70 \$ 40									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Project Manager	Professional Engineer	Project Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total
PBI Task No I-13-PBI-R-065									
1.0 Task Management & Administration	Total	0	2	2	0	0	\$ 370	\$ -	\$ 370
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
1.3 Design Coordination with CM @ Risk Contractor		2	2			4	\$ 370	\$ -	\$ 370
2.0 Phase 3C: Permit/Bid Documents	Total	8	68	65	48	32	\$ 16,840	\$ -	\$ 16,840
2.1 Architectural Drawings						0	\$ -	\$ -	\$ -
2.2 Structural Drawings						0	\$ -	\$ -	\$ -
2.3 Electrical Drawings	4	30	60	48	6	148	\$ 12,270	\$ -	\$ 12,270
2.4 Mechanical and Plumbing Drawings						0	\$ -	\$ -	\$ -
2.5 Specifications	4	24			24	52	\$ 3,660	\$ -	\$ 3,660
2.6 Cost Estimates		4	5		2	11	\$ 910	\$ -	\$ 910
2.7 QA/QC & Production						0	\$ -	\$ -	\$ -
3.0 Bidding	Total	0	6	4	2	4	\$ 1,230	\$ -	\$ 1,230
3.1 DOA/CM Coordination		1	1		1	3	\$ 225	\$ -	\$ 225
3.2 Pre-Bid Meeting		1	1		1	3	\$ 225	\$ -	\$ 225
3.3 Response to Bidders Questions		2	2	2	2	8	\$ 590	\$ -	\$ 590
3.4 Review Bid - recommendation		2				2	\$ 190	\$ -	\$ 190
Grand Total	8	66	71	50	36	231	\$ 18,440	\$ -	\$ 18,440

Source: Hillers Electrical Engineering, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 65-5

Labor/Fee Estimate Summary (TKW) - PBI Building 3400 Modifications (Phase 2 Design)

Billing Rate:		\$	150	\$	85	\$	60			
Task Description		Labor Estimate (Hours)				Fee Estimate (\$)				
		Project Manager / Engineer II	Engineer Intern II / Designer	Clerical	Total	Labor	Expenses	Total		
PBI Task No I-13-PBI-R-065										
1.0 Task Management & Administration	Total	0	0	0	0	\$ -	\$ -	\$ -		
1.1 Contract Management					0	\$ -	\$ -	\$ -		
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -		
1.3 Design Coordination with CM @ Risk Contractor					0	\$ -	\$ -	\$ -		
2.0 Phase 3C: Permit/Bid Documents	Total	28	57	8	93	\$ 9,525	\$ -	\$ 9,525		
2.01 Architectural Drawings					0	\$ -	\$ -	\$ -		
2.02 Structural Drawings		23	46	4	73	\$ 7,600	\$ -	\$ 7,600		
2.03 Electrical Drawings					0	\$ -	\$ -	\$ -		
2.04 Mechanical and Plumbing Drawings					0	\$ -	\$ -	\$ -		
2.05 Specifications		5	11	4	20	\$ 1,925	\$ -	\$ 1,925		
2.06 Cost Estimates					0	\$ -	\$ -	\$ -		
2.07 QA/QC & Production					0	\$ -	\$ -	\$ -		
4.0 Bidding	Total	2	2	0	4	\$ 470	\$ -	\$ 470		
4.1 DOA/CM Coordination		1	1		2	\$ 235	\$ -	\$ 235		
4.2 Pre-Bid Meeting					0	\$ -	\$ -	\$ -		
4.3 Response to Bidders Questions		1	1		2	\$ 235	\$ -	\$ 235		
4.4 Review Bid - recommendation					0	\$ -	\$ -	\$ -		
Grand Total		30	59	8	97	\$ 9,995	\$ -	\$ 9,995		

Source: TKW Consulting Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 66-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate:		\$	225	\$	155	\$	75			
		Labor Estimate (Hours)				Fee Estimate (\$)				
Task Description		Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PBI Task No 1-13-PBI-R-066										
1.0 Task Management & Administration		Total	68	33	5	106	\$ 20,678	\$ 275	\$ 16,755	\$ 37,708
1.1 Contract Management			24	33	5	62	\$ 10,778	\$ 220	\$ -	\$ 10,998
1.2 Subconsultant Coordination			42			42	\$ 9,450	\$ -	\$ -	\$ 9,450
1.3 Pre-construction Meeting			2			2	\$ 450	\$ 55	\$ 890	\$ 1,395
1.4 Weekly Construction Meetings						0	\$ -	\$ -	\$ 15,865	\$ 15,865
2.0 Phase 5 - Construction Administration		Total	3	10	5	18	\$ 2,600	\$ 1,600	\$ 54,465	\$ 58,665
2.01 Conformed Documents			2	8	4	14	\$ 1,990	\$ 1,300	\$ 3,490	\$ 6,780
2.02 Review Shop Drawings, Certs & Test Results						0	\$ -	\$ -	\$ 11,365	\$ 11,365
2.03 Review/Approve Monthly Pay Application						0	\$ -	\$ -	\$ 2,060	\$ 2,060
2.04 Respond to RFI's						0	\$ -	\$ -	\$ 7,130	\$ 7,130
2.05 Design Consultation						0	\$ -	\$ -	\$ 1,540	\$ 1,540
2.06 Periodic Site Inspections						0	\$ -	\$ -	\$ 15,875	\$ 15,875
2.07 Substantial Completion/Final Inspections						0	\$ -	\$ -	\$ 5,160	\$ 5,160
2.08 Record of Final Quantities						0	\$ -	\$ -	\$ 1,425	\$ 1,425
2.09 As-built Drawings			1	2	1	4	\$ 610	\$ 300	\$ 6,430	\$ 7,340
3.0 Special Services		Total	0	0	0	0	\$ -	\$ -	\$ 9,430	\$ 9,430
3.1 Materials Testing						0	\$ -	\$ -	\$ 3,590	\$ 3,590
3.2 Threshold Inspection						0	\$ -	\$ -	\$ 5,840	\$ 5,840
Grand Total			71	43	10	124	\$ 23,278	\$ 1,875	\$ 80,650	\$ 105,803

Sources: Ricondo & Associates, Inc.; Colome & Associates, Inc.; Hillers Electrical Engineering, Inc.; Johnson, Levinson, Ragan, Davilla, Inc.; TKW Consulting Engineers, Inc.; Tierra South Florida, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 66-2

Labor/Fee Estimate Summary (Colome & Associates, Inc.) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate: \$ 125 \$ 110 \$ 70 \$ 40									
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)			
	Principal	Project Manager	Architectural Drafting	Clerical	Total	Labor	Expenses	Total	
PBI Task No I-13-PBI-R-066									
1.0 Task Management & Administration	Total	2	60	12	16	90	\$ 8,330.00	\$ -	\$ 8,330.00
1.1 Contract Management					0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -	
1.3 Pre-construction Meeting		2			2	\$ 220	\$ -	\$ 220	
1.4 Weekly Construction Meetings	2	58	12	16	88	\$ 8,110	\$ -	\$ 8,110	
2.0 Phase 5 - Construction Administration	Total	8	83	113	26	230	\$ 19,080.00	\$ -	\$ 19,080.00
2.01 Conformed Documents	1	10	16	2	29	\$ 2,425	\$ -	\$ 2,425	
2.02 Review Shop Drawings, Certs & Test Results	1	24	40	12	77	\$ 6,045	\$ -	\$ 6,045	
2.03 Review/Approve Monthly Pay Application	1	6		1	8	\$ 825	\$ -	\$ 825	
2.04 Respond to RFI's	1	12	12	3	28	\$ 2,405	\$ -	\$ 2,405	
2.05 Design Consultation	2	6			8	\$ 910	\$ -	\$ 910	
2.06 Periodic Site Inspections		8	8	3	19	\$ 1,560	\$ -	\$ 1,560	
2.07 Substantial Completion/Final Inspections	1	12	12	3	28	\$ 2,405	\$ -	\$ 2,405	
2.08 Record of Final Quantities		1	5	2	8	\$ 540	\$ -	\$ 540	
2.09 As-built Drawings	1	4	20		25	\$ 1,965	\$ -	\$ 1,965	
3.0 Special Services	Total	0	0	0	0	\$ -	\$ -	\$ -	
3.1 Materials Testing					0	\$ -	\$ -	\$ -	
3.2 Threshold Inspection					0	\$ -	\$ -	\$ -	
Grand Total	10	143	125	42	320	\$ 27,410	\$ -	\$ 27,410	

Source: Colome & Associates, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 66-3

Labor/Fee Estimate Summary (Hillers Electrical) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate: \$ 105 \$ 95 \$ 90 \$ 70 \$ 40									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Project Manager	Professional Engineer	Project Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total
PBI Task No I-13-PBI-R-066									
1.0 Task Management & Administration	Total	2	7	22	0	5	36	\$ 3,055	\$ - \$ 3,055
1.1 Contract Management							0	\$ -	\$ -
1.2 Subconsultant Coordination							0	\$ -	\$ -
1.3 Pre-construction Meeting		2	2		1		5	\$ 410	\$ - \$ 410
1.4 Weekly Construction Meetings	2	5	20		4		31	\$ 2,645	\$ - \$ 2,645
2.0 Phase 5 - Construction Administration	Total	10	81	83	37	21	232	\$ 19,645	\$ - \$ 19,645
2.01 Conformed Documents	1	2		4	1		8	\$ 615	\$ - \$ 615
2.02 Review Shop Drawings, Certs & Test Results	2	16	8		2		28	\$ 2,530	\$ - \$ 2,530
2.03 Review/Approve Monthly Pay Application	1	6			1		8	\$ 715	\$ - \$ 715
2.04 Respond to RFI's	1	8	8	8	1		26	\$ 2,185	\$ - \$ 2,185
2.05 Design Consultation							0	\$ -	\$ -
2.06 Periodic Site Inspections	2	25	50		12		89	\$ 7,565	\$ - \$ 7,565
2.07 Substantial Completion/Final Inspections	1	12	13		2		28	\$ 2,495	\$ - \$ 2,495
2.08 Record of Final Quantities	1	4	4		1		10	\$ 885	\$ - \$ 885
2.09 As-built Drawings	1	8		25	1		35	\$ 2,655	\$ - \$ 2,655
3.0 Special Services	Total	0	0	0	0	0	0	\$ -	\$ - \$ -
3.1 Materials Testing							0	\$ -	\$ -
3.2 Threshold Inspection							0	\$ -	\$ -
Grand Total		12	88	105	37	26	268	\$ 22,700	\$ - \$ 22,700

Source: Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 66-4

Labor/Fee Estimate Summary (JLRD) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate:		\$	130	\$	95	\$	55	\$	40
		Labor Estimate (Hours)					Fee Estimate (\$)		
Task Description		Project Engineer	Senior Designer	CADD	Clerical	Total	Labor	Expenses	Total
PBI Task No I-13-PBI-R-066									
1.0 Task Management & Administration	Total	24	0	0	0	24	\$ 3,120	\$ -	\$ 3,120
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting		2				2	\$ 260	\$ -	\$ 260
1.4 Weekly Construction Meetings		22				22	\$ 2,860	\$ -	\$ 2,860
2.0 Phase 5 - Construction Administration	Total	42	26	14	3	85	\$ 8,820	\$ -	\$ 8,820
2.01 Conformed Documents			2	4	1	7	\$ 450	\$ -	\$ 450
2.02 Review Shop Drawings, Certs & Test Results		4	12			16	\$ 1,660	\$ -	\$ 1,660
2.03 Review/Approve Monthly Pay Application		4				4	\$ 520	\$ -	\$ 520
2.04 Respond to RFI's		4	8			12	\$ 1,280	\$ -	\$ 1,280
2.05 Design Consultation		4		2		6	\$ 630	\$ -	\$ 630
2.06 Periodic Site Inspections		23				23	\$ 2,990	\$ -	\$ 2,990
2.07 Substantial Completion/Final Inspections		2				2	\$ 260	\$ -	\$ 260
2.08 Record of Final Quantities						0	\$ -	\$ -	\$ -
2.09 As-built Drawings		1	4	8	2	15	\$ 1,030	\$ -	\$ 1,030
3.0 Special Services	Total	0	0	0	0	0	\$ -	\$ -	\$ -
3.1 Materials Testing						0	\$ -	\$ -	\$ -
3.2 Threshold Inspection						0	\$ -	\$ -	\$ -
Grand Total		66	26	14	3	109	\$ 11,940	\$ -	\$ 11,940

Source: Johnson, Levinson, Ragan, Davila, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 66-5

Labor/Fee Estimate Summary (TKW) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate: \$ 150 \$ 85 \$ 60

Task Description		Labor Estimate (Hours)				Fee Estimate (\$)			
		Project Manager / Engineer II	Engineer Intern II / Designer	Clerical	Total	Labor	Expenses	Total	
PBI Task No I-13-PBI-R-066									
1.0 Task Management & Administration	Total	15	0	0	15	\$ 2,250	\$ -	\$ 2,250	
1.1 Contract Management					0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -	
1.3 Pre-construction Meeting					0	\$ -	\$ -	\$ -	
1.4 Weekly Construction Meetings		15			15	\$ 2,250	\$ -	\$ 2,250	
2.0 Phase 5 - Construction Administration	Total	30	16	6	52	\$ 6,220	\$ 700	\$ 6,920	
2.01 Conformed Documents					0	\$ -	\$ -	\$ -	
2.02 Review Shop Drawings, Certs & Test Results		2	8	2	12	\$ 1,100	\$ 20	\$ 1,120	
2.03 Review/Approve Monthly Pay Application					0	\$ -	\$ -	\$ -	
2.04 Respond to RFI's		6	4		10	\$ 1,240	\$ 20	\$ 1,260	
2.05 Design Consultation					0	\$ -	\$ -	\$ -	
2.06 Periodic Site Inspections		20		2	22	\$ 3,120	\$ 640	\$ 3,760	
2.07 Substantial Completion/Final Inspections					0	\$ -	\$ -	\$ -	
2.08 Record of Final Quantities					0	\$ -	\$ -	\$ -	
2.09 As-built Drawings		2	4	2	8	\$ 760	\$ 20	\$ 780	
3.0 Special Services	Total	6	30	3	39	\$ 3,630	\$ 960	\$ 4,590	
3.1 Materials Testing					0	\$ -	\$ -	\$ -	
3.2 Threshold Inspection		6	30	3	39	\$ 3,630	\$ 960	\$ 4,590	
Grand Total		51	46	9	106	\$ 12,100	\$ 1,660	\$ 13,760	

Source: TKW Consulting Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 66-6

Labor/Fee Estimate Summary (Tierra) - PBI Terminal Restroom Renovations: Construction Phase Services

Billing Rate:		\$	125	\$	65			
		Labor Estimate (Hours)			Fee Estimate (\$)			
Task Description		Senior Geotechnical/ Threshold Engineer P.E.	Senior Engineering Technician	Total	Labor	Expenses	Total	
PBI Task No I-13-PBI-R-066								
1.0 Task Management & Administration	Total	0	0	0	\$ -	\$ -	\$ -	
1.1 Contract Management				0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination				0	\$ -	\$ -	\$ -	
1.3 Pre-construction Meeting				0	\$ -	\$ -	\$ -	
1.4 Weekly Construction Meetings				0	\$ -	\$ -	\$ -	
2.0 Phase 5 - Construction Administration	Total	0	0	0	\$ -	\$ -	\$ -	
2.01 Conformed Documents				0	\$ -	\$ -	\$ -	
2.02 Review Shop Drawings, Certs & Test Results				0	\$ -	\$ -	\$ -	
2.03 Review/Approve Monthly Pay Application				0	\$ -	\$ -	\$ -	
2.04 Respond to RFIs				0	\$ -	\$ -	\$ -	
2.05 Design Consultation				0	\$ -	\$ -	\$ -	
2.06 Periodic Site Inspections				0	\$ -	\$ -	\$ -	
2.07 Substantial Completion/Final Inspections				0	\$ -	\$ -	\$ -	
2.08 Record of Final Quantities				0	\$ -	\$ -	\$ -	
2.09 As-built Drawings				0	\$ -	\$ -	\$ -	
3.0 Special Services	Total	10	50	60	\$ 4,500	\$ 340	\$ 4,840	
3.1 Materials Testing			50	50	\$ 3,250	\$ 340	\$ 3,590	
3.2 Threshold Inspection		10		10	\$ 1,250	\$ -	\$ 1,250	
Grand Total		10	50	60	\$ 4,500	\$ 340	\$ 4,840	

Source: Tierra South Florida, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 67-1

Labor/Fee Estimate Summary (Ricondo & Associates) - F45 Drainage Modifications: Construction Phase Services

Billing Rate									
Labor Estimate (Hours)					Fee Estimate (\$)				
Task Description	Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PBI Task No I-13-NCO-R-067									
1.0 Task Management/Administration	21	7	3	31	\$ 8,172	\$ 320	\$ 7,852	\$ 16,149	
1.1 Contract Management	17	7	3	27	\$ 5,022	\$ 220	\$ -	\$ 5,242	
1.2 Subconsultant Coordination	10			10	\$ 2,250	\$ -	\$ -	\$ 2,250	
1.3 Pre-construction Meeting	4			4	\$ 900	\$ 100	\$ 807	\$ 1,807	
1.4 Weekly Construction Meetings				0	\$ -	\$ -	\$ 6,850	\$ 6,850	
2.0 Phase 2 Construction/Administration	3	10	5	18	\$ 2,600	\$ 1,600	\$ 21,886	\$ 26,086	
2.01 Conformed Documents	2	8	4	14	\$ 1,990	\$ 1,300	\$ 1,330	\$ 4,620	
2.02 Review Shop Drawings, Certs & Test Results				0	\$ -	\$ -	\$ 4,264	\$ 4,264	
2.03 Review/Approve Monthly Pay Application				0	\$ -	\$ -	\$ 1,340	\$ 1,340	
2.04 Respond to RFIs				0	\$ -	\$ -	\$ 4,010	\$ 4,010	
2.05 Periodic Site Inspections				0	\$ -	\$ -	\$ 1,644	\$ 1,644	
2.06 Substantial Completion/Final Inspections				0	\$ -	\$ -	\$ 1,614	\$ 1,614	
2.07 Record of Final Quantities				0	\$ -	\$ -	\$ 2,680	\$ 2,680	
2.08 As-built Drawings	1	2	1	4	\$ 610	\$ 300	\$ 5,004	\$ 5,914	
3.0 Special Services	4	40	20	64	\$ 8,600	\$ -	\$ 54,106	\$ 62,706	
3.1 Materials Testing				0	\$ -	\$ -	\$ 37,370	\$ 37,370	
3.2 Construction Management Plan	2	40	16	58	\$ 7,850	\$ -	\$ -	\$ 7,850	
3.3 Burrowing Owl/Gopher Tortoise Survey	2		4	6	\$ 750	\$ -	\$ 16,736	\$ 17,486	
Grand Total	38	57	28	123	\$ 19,572	\$ 1,920	\$ 88,649	\$ 108,941	

Sources: Ricondo & Associates, Inc.; BND Engineers, Inc.; Cyriacks Environmental Consultants, Inc.; Tierra South Florida, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 67-2

Labor/Fee Estimate Summary (BND Engineers) - F45 Drainage Modifications: Construction Phase Services

Billing Rate: \$ 137 \$ 132 \$ 69									
Labor Estimate (Hours)					Fee Estimate (\$)				
Task Description	Project Manager	Senior Engineer	Cadd Tech.	Total	Labor	Expenses	Total		
PBI Task No I-13-NCO-R-067									
1.0 Task Management & Administration	Total	53	3	0	56	\$ 7,657	\$ -	\$ 7,657	
1.1 Contract Management				0	\$ -	\$ -	\$ -		
1.2 Subconsultant Coordination				0	\$ -	\$ -	\$ -		
1.3 Pre-construction Meeting	3	3		6	\$ 807	\$ -	\$ 807		
1.4 Weekly Construction Meetings	50			50	\$ 6,850	\$ -	\$ 6,850		
2.0 Phase 5 - Construction Administration	Total	56	92	30	178	\$ 21,886	\$ -	\$ 21,886	
2.01 Conformed Documents	2	8		10	\$ 1,330	\$ -	\$ 1,330		
2.02 Review Shop Drawings, Certs & Test Results	8	24		32	\$ 4,264	\$ -	\$ 4,264		
2.03 Review/Approve Monthly Pay Application	4	6		10	\$ 1,340	\$ -	\$ 1,340		
2.04 Respond to RFI's	10	20		30	\$ 4,010	\$ -	\$ 4,010		
2.05 Periodic Site Inspections	12			12	\$ 1,644	\$ -	\$ 1,644		
2.06 Substantial Completion/Final Inspections	6	6		12	\$ 1,614	\$ -	\$ 1,614		
2.07 Record of Final Quantities	8	12		20	\$ 2,680	\$ -	\$ 2,680		
2.08 As-built Drawings	6	16	30	52	\$ 5,004	\$ -	\$ 5,004		
3.0 Special Services	Total	0	0	0	\$ -	\$ -	\$ -		
3.1 Materials Testing				0	\$ -	\$ -	\$ -		
3.2 Construction Management Plan				0	\$ -	\$ -	\$ -		
3.3 Burrowing Owl/Gopher Tortoise Survey				0	\$ -	\$ -	\$ -		
Grand Total	109	95	30	234	\$ 29,543	\$ -	\$ 29,543		

Source: BND Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 67-3

Labor/Fee Estimate Summary (CECOS Environmental) - F45 Drainage Modifications: Construction Phase Services

Billing Rate: \$ 165 \$ 85 \$ 75 \$ 75 \$ 60									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Project Manager	Environmental Scientist	Environmental Analyst	GIS Analyst	Admin.	Total	Labor	Expenses	Total
PBI Task No I-13-NCO-R-067									
1.0 Task Management & Administration	Total	0	0	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting						0	\$ -	\$ -	\$ -
1.4 Weekly Construction Meetings						0	\$ -	\$ -	\$ -
2.0 Phase 5 - Construction Administration	Total	0	0	0	0	0	\$ -	\$ -	\$ -
2.01 Confirmed Documents						0	\$ -	\$ -	\$ -
2.02 Review Shop Drawings, Certs & Test Results						0	\$ -	\$ -	\$ -
2.03 Review/Approve Monthly Pay application						0	\$ -	\$ -	\$ -
2.04 Respond to RFI's						0	\$ -	\$ -	\$ -
2.05 Periodic Site Inspections						0	\$ -	\$ -	\$ -
2.06 Substantial Completion/Final Inspections						0	\$ -	\$ -	\$ -
2.07 Record of Final Quantities						0	\$ -	\$ -	\$ -
2.08 As-built Drawings						0	\$ -	\$ -	\$ -
3.0 Special Services	Total	17	102	29	22	1	\$ 15,360	\$ 1,376	\$ 16,736
3.1 Materials Testing						0	\$ -	\$ -	\$ -
3.2 Construction Management Plan						0	\$ -	\$ -	\$ -
3.3 Burrowing Owl/Gopher Tortoise Survey		17	102	29	22	1	\$ 15,360	\$ 1,376	\$ 16,736
Grand Total		17	102	29	22	1	\$ 15,360	\$ 1,376	\$ 16,736

Source: Cyriaks Environmental Consultants, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 67-4

Labor/Fee Estimate Summary (Tierra) - F45 Drainage Modifications: Construction Phase Services

Billing Rate: \$ 125 \$ 65

Task Description	Labor Estimate (Hours)			Fee Estimate (\$)			
	Senior Geotechnical Engineer P.E.	Senior Engineering Technician	Total	Labor	Expenses	Total	
PBI Task No I-13-NCO-R-067							
1.0 Task Management & Administration	Total	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management				0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination				0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting				0	\$ -	\$ -	\$ -
1.4 Weekly Construction Meetings				0	\$ -	\$ -	\$ -
2.0 Phase 5 - Construction Administration	Total	0	0	0	\$ -	\$ -	\$ -
2.01 Conformed Documents				0	\$ -	\$ -	\$ -
2.02 Review Shop Drawings, Certs & Test Results				0	\$ -	\$ -	\$ -
2.03 Review/Approve Monthly Pay Application				0	\$ -	\$ -	\$ -
2.04 Respond to RFIs				0	\$ -	\$ -	\$ -
2.05 Periodic Site Inspections				0	\$ -	\$ -	\$ -
2.06 Substantial Completion/Final Inspections				0	\$ -	\$ -	\$ -
2.07 Record of Final Quantities				0	\$ -	\$ -	\$ -
2.08 As-built Drawings				0	\$ -	\$ -	\$ -
3.0 Special Services	Total	30	200	230	\$ 16,750	\$ 20,620	\$ 37,370
3.1 Materials Testing		30	200	230	\$ 16,750	\$ 20,620	\$ 37,370
3.2 Construction Management Plan				0	\$ -	\$ -	\$ -
3.3 Burrowing Owl/Gopher Tortoise Survey				0	\$ -	\$ -	\$ -
Grand Total		30	200	230	\$ 16,750	\$ 20,620	\$ 37,370

Source: Tierra South Florida, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 68-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PBI Building 3400 Modifications - Construction Phase Services

Billing Rate: \$ 225 \$ 155 \$ 75

Task Description	Labor Estimate (Hours)				Fee Estimate (\$)				
	Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PBDOA Task No I-13-PBI-R-068									
1.0 Task Management & Administration	Total	38	14	4	56	\$ 11,020	\$ 275	\$ 11,600	\$ 22,895
1.1 Contract Management		18	14	4	36	\$ 6,520	\$ 220	\$ -	\$ 6,740
1.2 Subconsultant Coordination		18			18	\$ 4,050	\$ -	\$ -	\$ 4,050
1.3 Pre-construction Meeting		2			2	\$ 450	\$ 55	\$ 810	\$ 1,315
1.4 Weekly Construction Meetings					0	\$ -	\$ -	\$ 10,790	\$ 10,790
2.0 Phase 5 - Construction Administration Services	Total	3	10	5	18	\$ 2,600	\$ 1,600	\$ 39,410	\$ 43,610
2.01 Conformed Documents		2	8	4	14	\$ 1,990	\$ 1,300	\$ 4,395	\$ 7,685
2.02 Review Shop Drawings, Certs & Test Results					0	\$ -	\$ -	\$ 8,875	\$ 8,875
2.03 Review/Approve Monthly Pay Application					0	\$ -	\$ -	\$ 2,265	\$ 2,265
2.04 Respond to RFI's					0	\$ -	\$ -	\$ 6,140	\$ 6,140
2.05 Design Consultation					0	\$ -	\$ -	\$ 1,175	\$ 1,175
2.06 Periodic Site Inspections					0	\$ -	\$ -	\$ 8,420	\$ 8,420
2.07 Substantial Completion/Final Inspections					0	\$ -	\$ -	\$ 4,305	\$ 4,305
2.08 Record of Final Quantities					0	\$ -	\$ -	\$ 385	\$ 385
2.09 As-built Drawings		1	2	1	4	\$ 610	\$ 300	\$ 3,450	\$ 4,360
Grand Total		41	24	9	74	\$ 13,620	\$ 1,875	\$ 51,010	\$ 66,505

Sources: Ricondo & Associates, Inc.; Hillers Electrical Engineering, Inc.; Johnson, Levinson, Ragan, Davila, Inc.; TKW Consulting Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 68-2

Labor/Fee Estimate Summary (Colome & Associates, Inc.) - PBI Building 3400 Modifications - Construction Phase Services

Billing Rate: \$ 125 \$ 110 \$ 70 \$ 40								
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)		
	Principal	Project Manager	Architectural Drafting	Clerical	Total	Labor	Expenses	Total
PBDOA Task No I-13-PBI-R-068								
1.0 Task Management & Administration	Total	1	42	2	6	51	\$ 5,125.00	\$ - \$ 5,125.00
1.1 Contract Management					0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting		2			2	\$ 220	\$ -	\$ 220
1.4 Weekly Construction Meetings	1	40	2	6	49	\$ 4,905	\$ -	\$ 4,905
2.0 Phase 5 - Construction Administration Services	Total	7	70	74	13	164	\$ 14,275.00	\$ 200.00 \$ 14,475.00
2.01 Conformed Documents	2	6	18		26	\$ 2,170	\$ -	\$ 2,170
2.02 Review Shop Drawings, Certs & Test Results	1	16	22	4	43	\$ 3,585	\$ -	\$ 3,585
2.03 Review/Approve Monthly Pay Application	1	6		1	8	\$ 825	\$ -	\$ 825
2.04 Respond to RFI's	1	16	6	2	25	\$ 2,385	\$ -	\$ 2,385
2.05 Design Consultation	1	4	2		7	\$ 705	\$ -	\$ 705
2.06 Periodic Site Inspections		6	2	1	9	\$ 840	\$ -	\$ 840
2.07 Substantial Completion/Final Inspections		12	12	4	28	\$ 2,320	\$ 100	\$ 2,420
2.08 Record of Final Quantities					0	\$ -	\$ -	\$ -
2.09 As-built Drawings	1	4	12	1	18	\$ 1,445	\$ 100	\$ 1,545
Grand Total	8	112	76	19	215	\$ 19,400	\$ 200	\$ 19,600

Source: Colome & Associates, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 68-3

Labor/Fee Estimate Summary (JLRD) - PBI Building 3400 Modifications - Construction Phase Services

		Billing Rate:						
		\$	130	\$	55	\$	40	
		Labor Estimate (Hours)				Fee Estimate (\$)		
Task Description		Project Engineer	CADD	Clerical	Total	Labor	Expenses	Total
PBDOA Task No I-13-PBI-R-068								
1.0 Task Management & Administration	Total	20	0	0	20	\$ 2,600	\$ -	\$ 2,600
1.1 Contract Management					0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -
1.3 Pre-construction Meeting		2			2	\$ 260	\$ -	\$ 260
1.4 Weekly Construction Meetings		18			18	\$ 2,340	\$ -	\$ 2,340
2.0 Phase 5 - Construction Administration Services	Total	28	17	10	55	\$ 4,975	\$ -	\$ 4,975
2.01 Conformed Documents			8	4	12	\$ 600	\$ -	\$ 600
2.02 Review Shop Drawings, Certs & Test Results		8		6	14	\$ 1,280	\$ -	\$ 1,280
2.03 Review/Approve Monthly Pay Application		2			2	\$ 260	\$ -	\$ 260
2.04 Respond to RFI's		6			6	\$ 780	\$ -	\$ 780
2.05 Design Consultation					0	\$ -	\$ -	\$ -
2.06 Periodic Site Inspections		10			10	\$ 1,300	\$ -	\$ 1,300
2.07 Substantial Completion/Final Inspections		2			2	\$ 260	\$ -	\$ 260
2.08 Record of Final Quantities			7		7	\$ 385	\$ -	\$ 385
2.09 As-built Drawings			2		2	\$ 110	\$ -	\$ 110
Grand Total		48	17	10	75	\$ 7,575	\$ -	\$ 7,575

Source: Johnson, Levinson, Ragan, Davila, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 68-4

Labor/Fee Estimate Summary (Hillers Electrical) - PBI Building 3400 Modifications - Construction Phase Services

Billing Rate:		\$	105	\$	95	\$	90	\$	70	\$	40
		Labor Estimate (Hours)						Fee Estimate (\$)			
Task Description		Project Manager	Professional Engineer	Project Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total	
PBDOA Task No I-13-PBI-R-068											
1.0 Task Management & Administration	Total	2	9	9	0	5	25	\$ 2,075	\$ -	\$ 2,075	
1.1 Contract Management							0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination							0	\$ -	\$ -	\$ -	
1.3 Pre-construction Meeting	1	1	1	1		1	4	\$ 330	\$ -	\$ 330	
1.4 Weekly Construction Meetings	1		8	8		4	21	\$ 1,745	\$ -	\$ 1,745	
2.0 Phase 5 - Construction Administration Services	Total	8	64	52	24	11	159	\$ 13,720	\$ -	\$ 13,720	
2.01 Conformed Documents	1		2	2	8	1	14	\$ 1,075	\$ -	\$ 1,075	
2.02 Review Shop Drawings, Certs & Test Results	2		24	8		2	36	\$ 3,290	\$ -	\$ 3,290	
2.03 Review/Approve Monthly Pay Application			12			1	13	\$ 1,180	\$ -	\$ 1,180	
2.04 Respond to RFI's	1		8	8	8	1	26	\$ 2,185	\$ -	\$ 2,185	
2.05 Design Consultation							0	\$ -	\$ -	\$ -	
2.06 Periodic Site Inspections	2		8	24		4	38	\$ 3,290	\$ -	\$ 3,290	
2.07 Substantial Completion/Final Inspections	1		8	8		1	18	\$ 1,625	\$ -	\$ 1,625	
2.08 Record of Final Quantities							0	\$ -	\$ -	\$ -	
2.09 As-built Drawings	1		2	2	8	1	14	\$ 1,075	\$ -	\$ 1,075	
Grand Total		10	73	61	24	16	184	\$ 15,795	\$ -	\$ 15,795	

Source: Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 68-5

Labor/Fee Estimate Summary (TKW) - PBI Building 3400 Modifications - Construction Phase Services

Billing Rate:		\$	150	\$	85	\$	60		
		Labor Estimate (Hours)				Fee Estimate (\$)			
Task Description		Project Manager / Engineer II	Engineer Intern II / Designer	Clerical	Total	Labor	Expenses	Total	
PBDOA Task No I-13-PBI-R-068									
1.0 Task Management & Administration		Total	12	0	0	12	\$ 1,800	\$ -	\$ 1,800
1.1	Contract Management				0	\$ -	\$ -	\$ -	
1.2	Subconsultant Coordination				0	\$ -	\$ -	\$ -	
1.3	Pre-construction Meeting				0	\$ -	\$ -	\$ -	
1.4	Weekly Construction Meetings	12			12	\$ 1,800	\$ -	\$ 1,800	
2.0 Phase 5 - Construction Administration Services		Total	22	24	3	49	\$ 5,520	\$ 720	\$ 6,240
2.01	Conformed Documents	2	2	1	5	\$ 530	\$ 20	\$ 550	
2.02	Review Shop Drawings, Certs & Test Results	2	4	1	7	\$ 700	\$ 20	\$ 720	
2.03	Review/Approve Monthly Pay Application				0	\$ -	\$ -	\$ -	
2.04	Respond to RFI's	4	2		6	\$ 770	\$ 20	\$ 790	
2.05	Design Consultation	2	2		4	\$ 470	\$ -	\$ 470	
2.06	Periodic Site Inspections	10	10		20	\$ 2,350	\$ 640	\$ 2,990	
2.07	Substantial Completion/Final Inspections				0	\$ -	\$ -	\$ -	
2.08	Record of Final Quantities				0	\$ -	\$ -	\$ -	
2.09	As-built Drawings	2	4	1	7	\$ 700	\$ 20	\$ 720	
Grand Total			34	24	3	61	\$ 7,320	\$ 720	\$ 8,040

Source: TKW Consulting Engineers, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 69-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate:		\$	225	\$	155	\$	75			
		Labor Estimate (Hours)				Fee Estimate (\$)				
Task Description		Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PB DOA Task No I-13-PHK-R-69										
1.0 Task Management & Administration	Total	17	4	2	23	\$ 4,595	\$ -	\$ -	\$ 4,595	
1.1 Contract Management		14	4	2	20	\$ 3,920	\$ -	\$ -	\$ 3,920	
1.2 Subconsultant Coordination		3			3	\$ 675	\$ -	\$ -	\$ 675	
2.0 Supplemental Design	Total	6	50	1	57	\$ 9,175	\$ -	\$ 34,798	\$ 43,973	
2.1 Lighting Vault Siting & Cost Analysis		2	2		4	\$ 760	\$ -	\$ 9,730	\$ 10,490	
2.2 Geotech & Structural Foundation Review/Design			32		32	\$ 4,960	\$ -	\$ 13,660	\$ 18,620	
2.3 Amended 90% Design Submittal		2	2		4	\$ 760	\$ -	\$ 380	\$ 1,140	
2.4 Service Road Grading Plans			8		8	\$ 1,240	\$ -	\$ 7,572	\$ 8,812	
2.5 SFWMD Permitting					0	\$ -	\$ -	\$ 1,076	\$ 1,076	
2.6 Topographical Survey		2	6	1	9	\$ 1,455	\$ -	\$ 2,380	\$ 3,835	
3.0 Construction Phase Services - Structural	Total	0	0	0	0	\$ -	\$ -	\$ 1,200	\$ 1,200	
3.1 Foundation Inspections					0	\$ -	\$ -	\$ 1,200	\$ 1,200	
Grand Total		23	54	3	80	\$ 13,770	\$ -	\$ 35,998	\$ 49,768	

Sources: Ricondo & Associates, Inc.; Hillers Electrical Engineering, Inc.; Master Consulting Engineers, Inc.; Tierra South Florida, Inc.; BND Engineering, Inc.; Brown & Phillips, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 69-2

Labor/Fee Estimate Summary (Hillers Electrical) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate:		\$	95	\$	90	\$	70	\$	40
		Labor Estimate (Hours)					Fee Estimate (\$)		
Task Description		Professional Engineer	Project Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total
PB DOA Task No I-13-PHK-R-69									
1.0 Task Management & Administration	Total	0	0	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
2.0 Supplemental Design	Total	36	41	20	19	124	\$ 10,110	\$ -	\$ 10,110
2.1 Lighting Vault Siting & Cost Analysis		32	41	20	19	120	\$ 9,730	\$ -	\$ 9,730
2.2 Geotech & Structural Foundation Review/Design						0	\$ -	\$ -	\$ -
2.3 Amended 90% Design Submittal		4				4	\$ 380	\$ -	\$ 380
2.4 Service Road Grading Plans						0	\$ -	\$ -	\$ -
2.5 SFVMD Permitting						0	\$ -	\$ -	\$ -
2.6 Topographical Survey						0	\$ -	\$ -	\$ -
3.0 Construction Phase Services - Structural	Total	0	0	0	0	0	\$ -	\$ -	\$ -
3.1 Foundation Inspections						0	\$ -	\$ -	\$ -
Grand Total		36	41	20	19	124	\$ 10,110	\$ -	\$ 10,110

Source: Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 69-3

Labor/Fee Estimate Summary (Master) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate: \$ 200 \$ 110 \$ 80 \$ 55									
Task Description	Labor Estimate (Hours)					Fee Estimate (\$)			
	Principal	Senior Engineer	Technician / CAD Operator	Admin.	Total	Labor	Expenses	Total	
PB DOA Task No I-13-PHK-R-69									
1.0 Task Management & Administration	Total	0	0	0	0	\$ -	\$ -	\$ -	
1.1 Contract Management					0	\$ -	\$ -	\$ -	
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -	
2.0 Supplemental Design	Total	13.5	43.5	33	90	\$ 10,125.00	\$ 695.00	\$ 10,820.00	
2.1 Lighting Vault Siting & Cost Analysis					0	\$ -	\$ -	\$ -	
2.2 Geotech & Structural Foundation Review/Design		13.5	43.5	33	90	\$ 10,125	\$ 695	\$ 10,820	
2.3 Amended 90% Design Submittal					0	\$ -	\$ -	\$ -	
2.4 Service Road Grading Plans					0	\$ -	\$ -	\$ -	
2.5 SF/WMD Permitting					0	\$ -	\$ -	\$ -	
2.6 Topographical Survey					0	\$ -	\$ -	\$ -	
3.0 Construction Inspection - Structural	Total	6	0	0	6	\$ 1,200.00	\$ -	\$ 1,200.00	
3.1 Site Visit - Foundation Inspections (2)		6			6	\$ 1,200	\$ -	\$ 1,200	
Grand Total		20	44	33	96	\$ 11,325	\$ 695	\$ 12,020	

Source: Master Consulting Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 69-4

Labor/Fee Estimate Summary (Tierra) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate:		\$	115	\$	85	\$	60	
		Labor Estimate (Hours)				Fee Estimate (\$)		
Task Description		Engineer	Staff Engineer	Engineering Technician	Total	Labor	Expenses	Total
PB DOA Task No I-13-PHK-R-69								
1.0 Task Management & Administration	Total	0	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management					0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination					0	\$ -	\$ -	\$ -
2.0 Supplemental Design	Total	6	2	2	12	\$ 1,250	\$ 1,590	\$ 2,840
2.1 Lighting Vault Siting & Cost Analysis					0	\$ -	\$ -	\$ -
2.2 Geotech & Structural Foundation Review/Design		6	2	2	12	\$ 1,250	\$ 1,590	\$ 2,840
2.3 Amended 90% Design Submittal					0	\$ -	\$ -	\$ -
2.4 Service Road Grading Plans					0	\$ -	\$ -	\$ -
2.5 SFWMD Permitting					0	\$ -	\$ -	\$ -
2.6 Topographical Survey					0	\$ -	\$ -	\$ -
3.0 Construction Phase Services - Structural	Total	0	0	0	0	\$ -	\$ -	\$ -
3.1 Foundation Inspections					0	\$ -	\$ -	\$ -
Grand Total		6	2	2	12	\$ 1,250	\$ 1,590	\$ 2,840

Source: Tierra South Florida, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 69-5

Labor/Fee Estimate Summary (BND Engineers) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate: \$ 137 \$ 132 \$ 69

Task Description	Labor Estimate (Hours)				Fee Estimate (\$)		
	Project Manager	Senior Engineer	Cadd Tech.	Total	Labor	Expenses	Total
PB DOA Task No I-13-PHK-R-69							
1.0 Task Management & Administration	Total	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management				0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination				0	\$ -	\$ -	\$ -
2.0 Supplemental Design	Total	16	28	40	\$ 8,648	\$ -	\$ 8,648
2.1 Lighting Vault Siting & Cost Analysis				0	\$ -	\$ -	\$ -
2.2 Geotech & Structural Foundation Review/Design				0	\$ -	\$ -	\$ -
2.3 Amended 90% Design Submittal				0	\$ -	\$ -	\$ -
2.4 Service Road Grading Plans	12	24	40	76	\$ 7,572	\$ -	\$ 7,572
2.5 SFWMD Permitting	4	4		8	\$ 1,076	\$ -	\$ 1,076
2.6 Topographical Survey				0	\$ -	\$ -	\$ -
2.7 Subtask Description				0	\$ -	\$ -	\$ -
3.0 Construction Phase Services - Structural	Total	0	0	0	\$ -	\$ -	\$ -
3.1 Foundation Inspections				0	\$ -	\$ -	\$ -
Grand Total	16	28	40	84	\$ 8,648	\$ -	\$ 8,648

Source: BND Engineers, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 69-6

Labor/Fee Estimate Summary (Brown & Phillips) - PHK Airfield Electrical Upgrades: Supplemental Design Phase Services

Billing Rate:		\$	125	\$	85	\$	80	\$	115
		Labor Estimate (Hours)					Fee Estimate (\$)		
Task Description		Professional	Survey Tech.	Cadd Tech	2-Man Field Crea	Total	Labor	Expenses	Total
PB DOA Task No I-13-PHK-R-69									
1.0 Task Management & Administration	Total	0	0	0	0	0	\$ -	\$ -	\$ -
1.1 Contract Management						0	\$ -	\$ -	\$ -
1.2 Subconsultant Coordination						0	\$ -	\$ -	\$ -
2.0 Supplemental Design	Total	2.5	6.5	6	9	24	\$ 2,380.00	\$ -	\$ 2,380.00
2.1 Lighting Vault Siting & Cost Analysis						0	\$ -	\$ -	\$ -
2.2 Geotech & Structural Foundation Review/Design						0	\$ -	\$ -	\$ -
2.3 Amended 90% Design Submittal						0	\$ -	\$ -	\$ -
2.4 Service Road Grading Plans						0	\$ -	\$ -	\$ -
2.5 SFVMD Permitting						0	\$ -	\$ -	\$ -
2.6 Topographical Survey		2.5	6.5	6	9	24	\$ 2,380	\$ -	\$ 2,380
3.0 Construction Phase Services - Structural	Total	0	0	0	0	0	\$ -	\$ -	\$ -
3.1 Foundation Inspections						0	\$ -	\$ -	\$ -
Grand Total		3	7	6	9	24	\$ 2,380	\$ -	\$ 2,380

Source: Brown & Phillips, Inc.

Prepared by: Ricondo & Associates, Inc.

Table 70-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PBI Security Improvements: Supplemental Construction Phase Services

Billing Rate: \$ 225 \$ 155 \$ 175								
Task Description	Labor Estimate (Hours)				Fee Estimate (\$)			
	Director / Project Manager	Senior Consultant	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total
PBI Task No I-13-PBI-R-070								
1.00 Task Management & Administration	25	0	0	25	5,587.00	110.00	4,575.00	11,272.00
1.1 Contract Management	17	5	1	23	4,562	110	0	4,672
1.2 Subconsultant Coordination	9			9	2,025	0	0	2,025
1.3 Weekly Construction Meetings				0	0	0	4,575	4,575
2.0 Construction Administration Phase 1 - Lighting Controls	3	2	0	5	1,060	355	23,990	25,405
2.01 Conformed Documents				0	0	0	1,505	1,505
2.02 Pre-construction Meeting	2			2	450	55	330	835
2.03 Submittal Review				0	0	0	6,985	6,985
2.04 Application for Payment				0	0	0	1,815	1,815
2.05 RFIs				0	0	0	2,145	2,145
2.06 RFI/Submittal Logs				0	0	0	845	845
2.07 Site Inspection (12 max.)				0	0	0	5,385	5,385
2.08 Final Inspection				0	0	0	3,040	3,040
2.09 Record Drawings	1	2	1	4	610	300	1,940	2,850
3.0 Construction Field Services	0	0	0	0	0	0	72,000	72,000
3.1 Phase 1 - Lighting Controls				0	0	0	72,000	72,000
Grand Total	28	2	1	31	7,647	465	100,365	108,477

Source: Ricondo & Associates, Inc.; Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 70-2

Labor/Fee Estimate Summary (Hillers Electrical) - PBI Security Improvements: Supplemental Construction Phase Services

Billing Rate: \$ 105 \$ 95 \$ 90 \$ 70 \$ 40									
Task Description	Labor Estimate (Hours)						Fee Estimate (\$)		
	Project Manager	Professional Engineer	Project Engineer	Cadd Tech.	Clerical	Total	Labor	Expenses	Total
PBI Task No I-13-PBI-R-070									
1.0 Task Management & Administration	Total	5	18	18	0	18	59	\$ 4,575	\$ - \$ 4,575
1.1 Contract Management							0	\$ -	\$ -
1.2 Subconsultant Coordination							0	\$ -	\$ -
1.3 Weekly Construction Meetings	5	18	18		18	59	\$ 4,575	\$ -	\$ 4,575
2.0 Construction Administration: Phase 1 -Lighting Controls	Total	16	132	70	33	29	280	\$ 23,990	\$ - \$ 23,990
2.01 Conformed Documents	1	8		8	2	19	\$ 1,505	\$ -	\$ 1,505
2.02 Pre-construction Meeting	1	1	1		1	4	\$ 330	\$ -	\$ 330
2.03 Submittal Review	1	48	24		4	77	\$ 6,985	\$ -	\$ 6,985
2.04 Application for Payment	1	18				19	\$ 1,815	\$ -	\$ 1,815
2.05 RFIs	1	8	8	8		25	\$ 2,145	\$ -	\$ 2,145
2.06 RFI/Submittal Logs	1	4	4			9	\$ 845	\$ -	\$ 845
2.07 Site Inspection (12 max)	9	24	16		18	67	\$ 5,385	\$ -	\$ 5,385
2.08 Final Inspection		16	16		2	34	\$ 3,040	\$ -	\$ 3,040
2.09 Record Drawings	1	5	1	17	2	26	\$ 1,940	\$ -	\$ 1,940
3.0 Construction Field Services	Total	0	0	800	0	0	800	\$ 72,000	\$ - \$ 72,000
3.1 Phase 1 - Lighting Controls				800			800	\$ 72,000	\$ - \$ 72,000
Grand Total		21	150	888	33	47	1,139	\$ 100,565	\$ - \$ 100,565

Source: Hillers Electrical Engineering, Inc.
Prepared by: Ricondo & Associates, Inc.

Table 71-1

Labor/Fee Estimate Summary (Ricondo & Associates) - PFC Application 14-15

Billing Rate: \$ 245 \$ 225 \$ 75									
Task Description	Labor Estimate (Hours)				Fee Estimate (\$)				
	Officer	Director / Project Manager	Admin.	Total	Labor	Expenses	Sub -consultant Expense	Total	
PBI Task No I-13-PBI-R-071									
1.0 Contract / Task Management	Total	4	20	2	26	\$ 5,630	\$ 110	\$ -	\$ 5,740
1.1 Contract Management			8	2	10	\$ 1,950	\$ 110	\$ -	\$ 2,060
1.2 Client Conference Calls	4		8		12	\$ 2,780	\$ -	\$ -	\$ 2,780
1.3 FAA Coordination			4		4	\$ 900	\$ -	\$ -	\$ 900
2.0 PFC Application Preparation	Total	24	132	2	158	\$ 35,730	\$ 100	\$ -	\$ 35,830
2.1 Update Cost, Funding Sources		8	40		48	\$ 10,960	\$ -	\$ -	\$ 10,960
2.2 Prepare Draft, Submit to FAA		8	20		28	\$ 6,460	\$ -	\$ -	\$ 6,460
2.3 Prepare Application		8	40		48	\$ 10,960	\$ -	\$ -	\$ 10,960
2.4 Prepare Airline Notification			16		16	\$ 3,600	\$ -	\$ -	\$ 3,600
2.5 Production			16	2	18	\$ 3,750	\$ 100	\$ -	\$ 3,850
3.0 Airline Consultation	Total	0	32	0	32	\$ 7,200	\$ 800	\$ -	\$ 8,000
3.1 Prepare Airline Consultation Notice			16		16	\$ 3,600	\$ -	\$ -	\$ 3,600
3.2 Prepare Consultation Materials			4		4	\$ 900	\$ -	\$ -	\$ 900
3.3 Airline Consultation Meeting			8		8	\$ 1,800	\$ 800	\$ -	\$ 2,600
3.4 Prepare Meeting Minutes			2		2	\$ 450	\$ -	\$ -	\$ 450
3.5 Respond to Comments			2		2	\$ 450	\$ -	\$ -	\$ 450
4.0 Contingency (PFC Amendment)	Total	6	80	0	86	\$ 19,470	\$ 530	\$ -	\$ 20,000
4.1 Respond to Comments		6	40		46	\$ 10,470	\$ -	\$ -	\$ 10,470
4.2 Follow-up Consultations (DOA/FAA/Airlines)			20		20	\$ 4,500	\$ -	\$ -	\$ 4,500
4.3 Amend Application			12		12	\$ 2,700	\$ 530	\$ -	\$ 3,230
4.4 Resubmittal			8		8	\$ 1,800	\$ -	\$ -	\$ 1,800
Grand Total	34	264	4	302	\$ 68,030	\$ 1,540	\$ -	\$ 69,570	

Source: Ricondo & Associates, Inc.
Prepared by: Ricondo & Associates, Inc.