

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

=====

Meeting Date: May 19, 2009	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
	<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing

Department:

Submitted By: Department of Airports

Submitted For:

=====

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Amendment No. 6 to the General Consulting Agreement with The LPA Group, Incorporated for Consulting/ Professional Services in the amount of \$734,363 for the continued performance of professional planning and design services related to the approved Palm Beach County Airports Capital Improvement Program.

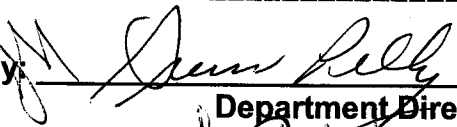

Summary: The Consulting Agreement (R-2006-2418) with The LPA Group, Incorporated for general airport planning and design was approved on November 21, 2006 in the amount of \$1,420,544 in order to carry out the approved Capital Improvement Programs for the County's Airports. The agreement is for 2 years with 2 one (1) year renewal options. Amendments 1-5 were approved for a net increase in the amount of \$5,167,709.50. Amendment No. 4 approved by the BCC on October 21, 2008 (R-2008-1847) exercised the first one (1) year renewal option. Approval of Amendment No. 6 in the amount of \$734,363 will provide funds to complete the following tasks and services: Task I Services – Palm Beach International Airport (PBIA)–Runway 13-31 Rehabilitation, PBIA–South Taxiway Rehabilitation, PBIA–Terminal Lighting, and PBIA–Runway Designation Remarketing & Airfield Signage; Task III Services – Staff Extension and Miscellaneous Planning, Engineering and Construction Services. Certain tasks performed during the term of this Amendment may be eligible for State and Federal grant participation. The Disadvantaged Business Enterprise (DBE) participation for this Amendment is 23.55%. The total DBE contract goal including all amendments is 20.14%. 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. 6 with The LPA Group, Incorporated – 3 Originals

=====

Recommended By:		4/23/09
	Department Director	Date
Approved By:		5-12-09
	County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2009	2010	2011	2012	2013
Capital Expenditures	\$ 734,363				
Operating Costs					
External Revenues					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$ 734,363				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

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

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

Funds are available in the above referenced account.

C. Departmental Fiscal Review:

Charles Simon

III. REVIEW COMMENTS

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

4-29-09
 5-5-09
OFMB
mm
4-27-09

 5/6/09
Contract Dev. and Control
E. Jones 5/6/09

B. Legal Sufficiency:

 5/11/09
Assistant County Attorney

This amendment complies with
our review requirements.

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. 6 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
THE LPA GROUP INCORPORATED
FOR
CONSULTING/PROFESSIONAL SERVICES AT
PALM BEACH COUNTY AIRPORTS**

This Amendment No. 6 to the Contract is made as of the _____ day of _____, 2009, by and between Palm Beach County, Florida (COUNTY) and THE LPA GROUP INCORPORATED, 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 700 Huger Street, Columbia, South Carolina, 29201, whose Federal Tax I.D. number is 57-0716200.

WITNESSETH

WHEREAS, on November 21, 2006, the County entered into an Agreement (R2006-2418) 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 May 1, 2007, the COUNTY entered into an Amendment #1 (R2007 0635) 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 November 20, 2007, the COUNTY entered into an Amendment #2 (R2007 2072) 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 June 17, 2008, the COUNTY entered into an Amendment # 3 (R2008 1048) 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 October 21, 2008, the COUNTY entered into an Amendment #4 (R2008 1847) 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, further, amended the Agreement in order to exercise the second one (1) year renewal option, with an effective date for year three of November 21, 2008; and

WHEREAS, on February 24, 2009, the COUNTY entered into an Amendment #5 (R2009 0282) 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, 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 Thirty-Four Thousand Three Hundred Sixty Three Dollars and No Cents (\$734,363.00)** for the services in Amendment No. 6 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 Sixth Amendment to the Contract to be signed by the Chairperson 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, THE LPA GROUP INCORPORATED, has caused these present to be signed in its corporate name by its duly authorized officer Mohsen Mohammadi, 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.

PALM BEACH COUNTY, FLORIDA, a
Political Subdivision of the State of Florida

ATTEST:
SHARON R. BOCK,
Clerk and Comptroller

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
John F. Koons, Chairman

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY

CONSULTANT:

BY: _____
County Attorney

THE LPA GROUP INCORPORATED
Company Name

APPROVED AS TO TERMS AND
CONDITIONS:

A South Carolina Corporation
(Date of Incorporation: April 9, 1981)

By: _____
Director of Airports

By: _____
(Signature)

(Witness Signature - Consultant)

(Print Signatory's Name)

Julie A. Lorenz
Witness Name (Type or Print)

Vice President
(Print Title)

April 21, 2009
(Date of Execution)

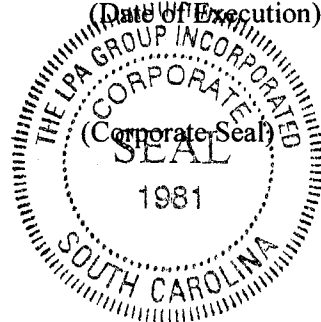


EXHIBIT "I"

SCOPES OF SERVICES AND FEES

- A. The scopes of service for this Amendment #6 include Specific 2008-2009 Projects (Task I) and Specific Miscellaneous Planning and Engineering Services (Task III) as described in the Agreement dated November 21, 2006 (R2006-2418). Specifically these services will include:

Task I - Specific 2008-2009 Projects:

- Task I-03-PBI-L-028 Palm Beach International Airport
Runway 13-31 Rehabilitation
- Task I-03-PBI-L-029 Palm Beach International Airport
South Taxiway Rehabilitation
- Task I-03-PBI-L-030 Palm Beach International Airport
Terminal Lighting
- Task I-03-PBI-L-031 Palm Beach International Airport
Runway Designation Remarking & Airfield
Signage

Task III – Miscellaneous and Administrative Services for 2008-2009:

- Task III-03-DOA-L-001A Staff Extension
- Task III-03-DOA-L-002A Misc. Planning, Engineering, and Construction Services

B. Method of Payment for Services and expenses of CONSULTANT

For labor and expenses expended by Consultant for Specific Projects, County shall pay Consultant the amount as follows:

TASK	LUMP SUM LABOR AMOUNT	T & M AMOUNT	LUMP SUM EXPENSES	REIMB. EXPENSES	TOTAL COST
Task I-03-PBI-L-028 PBI - Runway 13-31 Rehabilitation	\$226,425.00	\$72,881.00	\$15,405.00		\$314,711.00
Task I-03-PBI-L-029 PBI - South Taxiway Rehabilitation	\$106,137.00	\$39,807.00	\$7,082.00		\$153,026.00
Task I-03-PBI-L-030 PBI - Terminal Lighting	\$9,133.00	\$23,453.00	\$1,500.00		\$34,086.00
Task I-03-PBI-L-031 PBI - Runway Designation Remarking & Airfield Signage	\$32,879.00	\$6,499.00	\$3,162.00		\$42,540.00
Total Task I:	\$374,574.00	\$142,640.00	\$27,149.00	-0-	\$544,363.00
III-03-DOA-L-001 Staff Extension		\$40,000.00			\$ 40,000.00
III-03-DOA-L-002 Misc. Planning, Engineering, and Construction Services		\$150,000.00			\$150,000.00
Total Task III:		\$190,000.00		-0-	\$190,000.00
Total Fees (Not to Exceed):	\$734,363.00				

The remainder of this page has been intentionally left blank.

Attachments:

Schedule #1	Participation for DBE Consultants – AMENDMENT NO. 6
Exhibit “A”	Task I-03-PBI-L-028 PBI Runway 13-31 Rehabilitation Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “B”	Task I-03-PBI-L-029 PBI South Taxiway Rehabilitation Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “C”	Task I-03-PBI-L-030 PBI – Terminal Lighting Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “D”	Task I-03-PBI-L-031 PBI – Runway Designation Remarketing & Airfield Signage Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME: Amendment # 6 To Contract Between Palm Beach County and THE LPA GROUP INCORPORATED FOR Consulting/Professional Services **RESOLUTION NO:** 2006-2418

CONSULTANT: THE LPA GROUP INCORPORATED **PHONE NO.** 813-889-3892

CONTACT: Mohsen Mohammadi **FAX NO.** 813-889-3893

DATE: April 3, 2009 **DEPARTMENT:** Airports

Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	DBE Subcontractor Amount			
		Black	Hispanic	S/WBE Women	Other (S/MBE)
Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870	Geotechnical Engineering / Materials Testing	\$	\$	\$69,725.00	\$
Brown & Phillips, Inc. 901 Northpoint Parkway, Suite 119 West Palm Beach, Florida 33407 (561) 615-3988	Surveying/Mapping	\$44,193.00	\$	\$	\$
Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Airfield Mechanical / Electrical Engineering / NAVAIDS	\$	\$59,060.00	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
Total:		\$44,193.00	\$59,060.00	\$69,725.00	\$

Total Fee:	\$734,363.00
Total % of DBE Participation:	23.55%

*NOTE: With subconsultant services that will be performed for projects under Task III-03-DOA-L-001A/002A, the total DBE percentage under this Amendment No. 6 shall exceed 26%.

EXHIBIT A
SCOPE OF SERVICES

TASK I-03-PBI-L-028

Palm Beach County Department of Airports
Palm Beach International Airport
RUNWAY 13-31 REHABILITATION

Project Description

Palm Beach County (COUNTY) intends to rehabilitate Runway 13-31 at Palm Beach International Airport. THE LPA GROUP INCORPORATED (CONSULTANT) will provide professional engineering design, bidding, and construction phase services for this project. The project may include the following elements:

1. Mill and overlay the Keel section of the runway.
2. Repair the remaining sections of the pavement (crack repair and seal).
3. Mill and overlay the intersection of Runway 13-31 and Runway 9L-27R.

During the Programming Phase of this project, the CONSULTANT will determine the exact limits of the milling and resurfacing and coordinate with the Airport on runway closure times to ensure contractors have sufficient time to perform the construction at the intersection of the two runways. Also, during this phase, the CONSULTANT will make recommendations on what portion of Runway 13-31 will be milled and resurfaced and what portion will have crack repair and sealing. The scope does not include the rehabilitation of the paved shoulders or the connector taxiways. Several factors will be considered during the design of this project, including:

A. Limits of the Milling and Overlay

The CONSULTANT will perform two field visits (one at night and one during the day) to determine the condition of the existing pavement. Based on the field observations, review of recent pavement evaluation reports, and construction budget the CONSULTANT will make recommendations on the extent of the milling and resurfacing of the pavement. The remaining sections of the pavement will be repaired by sealing the cracks. The intersection of the two runways will be milled and resurfaced.

B. Geometric Design

It is anticipated that no grade changes will be required on this project. The CONSULTANT will review the survey data to determine if isolated grade changes are necessary to eliminate low spots on the pavement.

C. Electrical Design

The overlay of this runway will require adjustments to the in-pavement lights along Runway 13-31 and Runway 9L-27R. The scope of work for Hiller's Electrical Engineering is included in Attachment 1.

D. Drainage Design & Permitting

This project does not include the construction of new impervious areas and, therefore, will not require any drainage design and associated permitting. The CONSULTANT will evaluate the grades on the existing runway to ensure proper drainage of the pavement and make grade adjustments as necessary.

F. Topographic Survey

This design project will include a topographic survey of the site, including surface utility locations. The majority of the survey work will be performed at night. The scope of survey by Brown and Phillips is included in Attachment 2.

G. Geotechnical Investigation

The geotechnical investigation will include obtaining existing pavement cores; conducting soil borings up to 10' for soil classification and drainage characteristics; and carrying out soil strength tests (CBR). The scope of pre-design geotechnical investigation by Nodarse and Associates is included in Attachment 3.

H. Subsurface Utility Engineering (SUE)

A subsurface utility investigation will also be performed for this project to ensure that the deep soil borings along Runway 13-31 do not impact any underground utilities. The scope of this work by F. R. Aleman and Associates is included in Attachment 4.

I. Estimated Construction Cost

The COUNTY has budgeted \$3.5M for this project. The scope of the pavement rehabilitation will be adjusted accordingly to ensure the project is designed according to this budget. Recent bid prices will be used to provide an estimate of the construction cost. If necessary, the CONSULTANT will include a Base and Additive Bid for this project.

Basic Services to be Provided by CONSULTANT

The CONSULTANT will provide the following basic services for this project.

Phase 1A – Program Verification

The CONSULTANT will acquire and examine the existing Record Drawings, perform Field Verifications and evaluate the existing estimated construction costs. The CONSULTANT will also review and evaluate the existing survey and soils data and verify the utility locations and possible conflicts. The CONSULTANT will evaluate the pavement condition and make recommendations on the extent of the rehabilitation.

Phase 1B – Schematic Design

Not included.

Phase 2 – Design Development (30% Submittal)

The CONSULTANT will proceed with the subsurface investigations and surveys and the preparation of the Design Development Documents which will define the engineering elements of the project, including:

- Horizontal and Vertical Geometrics
- Paving Details
- Drainage Systems
- Limits of Milling and Resurfacing
- Limits of crack repair and seal
- Typical Sections
- Limits of Electrical Design
- Outline of the Specifications

The CONSULTANT will prepare an Engineer's Design Report, which will include the design recommendations, project schedule, estimated construction costs, and the Preliminary Plans, which will include:

- Cover Sheet
- Project Layout Plan
- Project Safety and Phasing Plan
- Pavement Rehabilitation Plans
- Typical Sections
- Preliminary Electrical Design

- Miscellaneous Details

Six (6) copies of the Design Development Documents will be submitted to the COUNTY for review and approval.

Phase 3A - Contract Documents (60% Submittal)

Not included.

Phase 3B – Contract Documents (90% Submittal)

Upon approval of the 30% Engineering Documents and authorization by the COUNTY, CONSULTANT will proceed with the development of the 90% Design Documents, including the Plans as stated below, Cost estimate, General and Supplementary Provisions, Specifications, and Front End Documents.

- Cover Sheet
- Project Layout & Safety Plan
- General Notes & Summary of Quantities
- Typical Sections and Paving Details
- Safety and Phasing Plan
- Staking & Demolition Plans
- Paving Plans
- Cross Sections (not included)
- Runway Profiles (if necessary)
- Pavement Marking
- Pavement Grooving Plans
- Lighting Plans
- Misc. Details

CONSULTANT will submit six (6) copies of the 90% Design Documents for COUNTY review and comments.

Phase 3C – Contract Documents (100% Submittal)

Upon approval of the 90% Engineering Documents and authorization by the COUNTY, CONSULTANT will proceed with the development of the Final Design Documents, including the Final Engineer's Report, General and Supplementary Provisions, Final Specifications, and Front End Documents. The final construction plans will include the plans stated in the 90% documents.

CONSULTANT will submit four (4) copies of the Final Design Documents for COUNTY review and comments. CONSULTANT will perform quality reviews and make all revisions and additions to the Contract Documents and submit Final Signed and Sealed Contract Documents for Bidding.

Phase 4 – Bidding and Award of Contract

CONSULTANT will provide Bidding Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Phase 5 – Construction Administration

CONSULTANT will provide Construction Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Special Services to be Provided by CONSULTANT

The CONSULTANT will provide the following additional services for this project:

- **Field Survey:** The CONSULTANT'S subconsultant (Brown and Phillips) will acquire topographic survey information. This work will be conducted primarily at night.
- **Geotechnical Investigations:** The CONSULTANT'S subconsultant (Nodarse & Associates) will acquire adequate soil borings and pavement cores along the proposed alignment of the canal and pond locations. This work will be conducted at night.
- **Subsurface Utilities Locating Services:** The CONSULTANT's subconsultant (F. R. Aleman) will provide utility locating services for this project. This work will be conducted at night.
- **Quality Assurance (Q/A) Testing:** The CONSULTANT's subconsultant (Nodarse & Associates) will perform Q/A testing during construction to ensure proper construction of any drainage structures, subgrade preparation, base and surface course.

Period of Services:

The CONSULTANT will perform the above services according to the following schedule. This schedule does not include review times required by the COUNTY:

Field Survey, Geotechnical, SUE	10 Working Days
Phase 1A – Program Verification	5 Working Days
Phase 1B – Schematic Design	-
Phase 2 – Design Development (30%)	20 Working Days
Phase 3A – Contract Documents (60%)	-
Phase 3B – Contract Documents (90%)	20 Working Days
Phase 3C – Contract Documents (100%)	10 Working Days
Phase 4 – Bidding and Award of Contract	60 Calendar Days
Phase 5 – Construction Phase	210 Calendar Days (120 days actual construction)

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 Rehabilitation
Task No. I-03-PBI-L-028

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner /Scientist)	Engineer / Arch / Planner /Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 1: Program Verification								
Coordinate with DOA	8	2	6					16
Acquire and Examine Record Drawings			2	2		2		6
Perform Field Inspections/Verifications			16	24				40
Concept Planning Meeting/Project Kick Off	4	2	2					8
Review/Update Construction Costs				2	2			4
Evaluate Existing Survey Data					2			2
Evaluate Existing Soils Data				2				2
Evaluate Utility Locations/Conflicts				2				2
Review previous Pavement Evaluation Reports prepared by CH2M Hill	2		2	2	2			8
Evaluate Pavement Repair Alternatives		2	4	8	4			18
Prepare drawings and costs estimates for DOA review			2	2	4	4		12
Quality Review	2							2
Review meeting with DOA	4	4						8
Phase 1: Program Verification Hours	20	10	34	44	14	6	0	128
Phase 1: Program Verification Fee	\$4,020	\$1,710	\$5,814	\$6,336	\$1,512	\$492	\$0	\$19,884
Phase 2: Design Development (30%)								
Programming meeting with Owner	2	2						4
Process survey and base files						24		24
Analyze geotechnical information			2	2				4
Pavement Strength Evaluation			2	4				6
Pavement Repair design				4	4			8
Plan Sheet Production								
Prepare Cover sheet				2		2		4
Prepare General Notes				2	2	4		8
Prepare Project Layout Plan					2	4		6
Prepare Construction Phasing Plan			2	4	2	4		12
Prepare Typical Sections				4		8		12
Survey Control and Cores/Boring Layout Plan					2	4		6
Prepare Staking and Demolition Plan				8	24	40		72
Prepare Pavement Marking Plan				2	8	16		26
Prepare Engineer's Report			8	4				12
Prepare Detailed Cost Estimate		2		2	4			8
Quality Review	2							2
Review meeting with DOA	4	4						8
Phase 2: Design Development (30%) Hours	8	8	14	38	48	106	0	222
Phase 2: Design Development (30%) Fee	\$1,608	\$1,368	\$2,394	\$5,472	\$5,184	\$8,692	\$0	\$24,718
Phase 3B: Contract Documents (90%)								
General Project Coordination	4	8	16	8	8			44
Design of site contours and grading				24	72			96
Prepare Front Ends		2	4				16	22
Prepare Technical Specifications		2	8	16			16	42
Plan Sheet Production								0
Prepare Summary of Quantities Sheet						2		2

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 Rehabilitation
Task No. I-03-PBI-L-028

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner /Scientist)	Engineer / Arch / Planner /Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Revise Project Layout Plan					2	2		4
Prepare Safety Plan		2	2	4	8			16
Revise Construction Phasing plan		2	4	8	2			16
Revise Typical Sections			2			4		6
Revise Staking and Demolition plans			2	8	16	24		50
Prepare Paving Details		2	2	4	8	16		32
Prepare Paving and Grading Plans			4	4	40	80		128
Prepare Profile Sheets					4	8		12
Revise Pavement Marking plan and details		2		4	8	24		38
Prepare Pavement Grooving plan and details		2	2		24	16		44
Prepare Miscellaneous Details				2	4	8		14
Update Cost Estimates			2	2	4			8
Revise Engineers Report		4	4	8	2		8	26
Quality Review	4							4
Review Meeting with DOA	4	4						8
Phase 3B: Contract Documents (90%) Hours	12	30	52	92	202	184	40	612
Phase 3B: Contract Documents (90%) Fee	\$2,412	\$5,130	\$8,892	\$13,248	\$21,816	\$15,088	\$3,040	\$69,626
Phase 3C: 100% Documents								
Incorporate DOA 90% review comments		4			8	16		28
Finalize Plans				4	24	24		52
Finalize Front end Specifications		8		4			16	28
Finalize Technical Specifications		16		4			16	36
Prepare Bid Schedule		2	2				2	6
Finalize Cost Estimate			2		4	2		8
Finalize Engineer's Report		4	4		2		4	14
Quality Review	2							2
Phase 3C: 100% Documents Hours	2	34	8	12	38	42	38	174
Phase 3C: 100% Documents Fee	\$402	\$5,814	\$1,368	\$1,728	\$4,104	\$3,444	\$2,888	\$19,748
Phase 4: Bidding Phase Services								
Advertise and Coordinate	2						2	4
Distribute Bidding Documents							24	24
Pre-Bid Conference/ Minutes	2	8		2			2	14
Answers to Bidders/Issue Addenda			8	16			8	32
Bid Opening		4						4
Review Bids for Responsiveness		2	4				14	20
Certified Bid Tabs/Award Contract		2		4			4	10
Contract Preparation		2		2			8	12
Phase 4: Bidding Phase Services Hours	4	18	12	24	0	0	62	120
Phase 4: Bidding Phase Services Fee	\$804	\$3,078	\$2,052	\$3,456	\$0	\$0	\$4,712	\$14,102
Phase 5: Construction Phase Services								
General Coordination with DOA	16	16						32
Submit Construction Management Plan		4	8	16			8	36
Pre-Construction Conference		4	4				2	10
Weekly meetings (18 meetings)		8	36				8	52
Review Shop Drawings/Submittals		8	24				4	36

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 Rehabilitation
Task No. I-03-PBI-L-028

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner /Scientist)	Engineer / Arch / Planner /Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Review Pay Applications		2	8				2	12
Review Payrolls, DBE reports, EEO reports			4				2	6
Review Test Results			8					8
Bi-Monthly Site Visits (8 Visits)			16					16
Review and Respond to RFI's		2	16				4	22
Final Inspection/ Punch List items		8	8				2	18
Review/ Submit Record Drawings			2		8	16	2	28
Review Contractor's Closeout Documents			4				2	6
Submittal of Final Report/ Close Out Grant			4	4			4	12
Phase 5: Construction Phase Services Hours	16	52	142	20	8	16	40	294
Phase 5: Construction Phase Services Fee (NTE)	\$3,216	\$8,892	\$24,282	\$2,880	\$864	\$1,312	\$3,040	\$44,486
Total Basic Services								
Total Estimated Hours:	62	152	262	230	310	354	180	1550
Total Estimated Labor Costs (Not-to-Exceed):	\$12,462	\$25,992	\$44,802	\$33,120	\$33,480	\$29,028	\$13,680	\$192,564

Subconsultants

Hillers - Electrical Design (LS)	\$6,490.00
Hillers - CA Services (Not-to-Exceed)	\$3,395.00
Brown & Philips - Survey (LS)	\$34,698.00
F R Aleman - SUE (LS)	\$6,121.00
Nodarse - Geotechnical (LS)	\$25,955.00
Nodarse - Q/A Testing (Not-to-Exceed)	\$25,000.00
Total Subconsultants	\$101,659.00
Subconsultant Procurement and Management (Lump Sum)	\$5,083.00

Expenses

Total Expenses	\$15,405.00
----------------	-------------

TOTAL NOT-TO-EXCEED AMOUNT:	\$314,711.00
-----------------------------	--------------

H E E*HILLERS ELECTRICAL ENGINEERING, INC.*

March 24, 2009

Mr. Mohsen Mohammadi, Ph.D., P.E.
 THE LPA GROUP INCORPORATED
 4503 Woodland Corporate Boulevard, Suite 400
 Tampa, Florida 33614

Subject: Electrical Design & Construction Services Fee Proposal for the Palm
 Beach County Department of Airports (PBCDOA) - PBIA Airport
 Modifications to the existing Runway's 13/31 Intersection Rehabilitation –
 Existing 2- LASHO's Systems Modifications (Lighting).

Dear Mohsen:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide The LPA Group (LPA)
 an electrical design & construction services fee proposal for the Palm Beach County
 Department of Airports- PBIA Runway 13-31 Lighting Systems Modifications.
 The following items are included in our scope:

- Includes all PBCDOA, FAA, Contractor and LPA design & construction services site visits & coordination meetings.
- Includes all electrical calculations.
- Includes installation plans reflecting all the LASHO lighting equipment, base can systems, circuit connections, cable, grounding, conduit, directional boring, trenching installations and removal of existing lighting system with modifications to existing remaining conduit systems.
- HEE shall provide electrical design to LPA for 90% & 100% on 11"x 17" sheets for reviews AutoCad-2007 and one full size set of plans & specifications to LPA.
- LPA shall provide base drawings, cover sheet and safety plan sheets and all printing of HEE plans & specifications to the PBCDOA for reviews, permits, and bid and construction phases.
- Bid & Award Services
- HEE shall provide electrical specifications, cost estimates and quantities to LPA.
- Construction Services include shop drawing review, RFI responses and 4-periodic site visits and 1- final inspection and testing.
- HEE shall provide Record drawing per the contractors provided red-line mark ups on AutoCad-2007.

Our proposed lump-sum fee for Electrical Design is:	\$ 6,490.
Our proposed lump-sum fee for Construction Services is:	<u>\$ 3,395.</u>
(See attachment)	Total \$ 9,885.

Sincerely,



PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBI R/W 13/31 Lighting & LASHO Modifications Design & Const. HILLERS ELECTRICAL ENGINEERING, INC. SCOPE FEE SUMMARY FEE PROPOSAL ELECTRICAL DESIGN & Construction Services to LPA 3-24-09									
Rate	\$105.00	\$95.00	\$90.00	\$75.00		\$40.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech		Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Taxilane & Apron Design									\$0.00
Field Visits/As-builts Review	1	8	8			2	19		\$1,665.00
Dsgn Mtgs.FAA, DOA, CH	1	4	4			1	10		\$885.00
Lighting Plans & Details	1	8	10	10		1	30		\$2,555.00
Spec's,Bid Items, Estimates	1	8	4			4	17		\$1,385.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	4	28	26	10	0	8	76		\$6,490.00
									\$0.00
									\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Construction Services									
Shop Drawing Reviews	1	1	8			1	11		\$960.00
RFI- Responses	1	2	1	1		1	6		\$500.00
Periodic Site Visit & Final Insp.	1	2	12			2	17		\$1,455.00
Record Drawings	1	1	1	2		1	6		\$480.00
							0		\$0.00
							0		\$0.00
Subtotal	4	6	22	3	0	5	40		\$3,395.00
Grand Total Hours	4	6	22	3	0	5	116		
Grand Total Labor Cost	\$420.00	\$570.00	\$1,980.00	\$225.00	\$0.00	\$200.00			\$9,885.00



BROWN & PHILLIPS, Inc.
PROFESSIONAL SURVEYING SERVICES

April 2, 2009

Mr. Mohsen Mohammadi
The LPA Group, Inc.
4503 Woodland Corporate Blvd.
Suite 400
Tampa, FL 33614

Re: PBIA Runway 13/31 Repair and Rehabilitation

Dear Mr. Mohammadi:

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 horizontal control (NAD 83/90 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Dept. Horizontal accuracy will be, at a minimum, 3rd Order Class I per FGDC standards.

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed onsite using the existing Palm Beach County benchmarks (NAVD 1988). Vertical accuracy will be, at a minimum, 2nd Order Class I per FGDC standards. At least two benchmarks will be set onsite.

III. TOPOGRAPHIC SURVEY

We will gather the following information:

- 50 ft longitudinal spacing full length of 13/31 including blast pads and displaced thresholds
- Traverse spacing:
 - Centerline
 - 12.5 ft o/s from CL
 - 25 ft o/s from CL
 - 37.5 ft o/s from CL
 - 50 ft o/s from CL
 - 75 ft o/s from CL
 - 85 ft o/s from CL
 - 10 ft past Edge of Pavement
- Locate intersecting Taxiway fillets and centerlines
- Markings
- In-pavement and Edge lights
- Pavement Cores associated with this project

Task I-03-PBI-L-028

Page A-10 of 24

04/03/2009

PBI Runway 13-31 Rehabilitation

901 Northpoint Parkway • Suite 119 • West Palm Beach, Florida 33407
(561) 615-3988 • Fax (561) 615-3986

- Additional ground shots within the survey limits of proposed construction area as needed to define unique topographic features such as depressions;
- Stakeout of sixteen (16) pavement cores, and identification of four (4) co-located borings;
- Runway centerlines (tie-in runway end points), Taxiway centerlines and other pavement markings;
- Miscellaneous Structures within the survey limits of the proposed construction area;
- Brown & Phillips will coordinate with OPS for Brown & Phillips to set up lighted "X" for runway closer
- Create tin file for DTM calculations
- 1 contingency day for additional surveying as required.

The following areas will be included in the topographic survey, as shown on Attachment 'B':

- Runway 13/31 North of Runway 9L/27R Intersection - 85 +/- feet either side of centerline;
- Runway 13/31 South of Runway 9L/27R Intersection - 25 feet either side of centerline.

The topographic survey will be performed to Florida Minimum Technical Standards, survey tolerance, Horizontal and Vertical Datum (NAD 83/90 and NAVD 88), and will be performed under the direct supervision of a Florida Professional Land Surveyor and Mapper. The survey will be performed at two tenths of a foot contour interval and the final drawings will be provided to LPA Group in AutoCAD format at 1"=50' scale.

The Topographic Survey will require the runway(s) to be shut down. (No work is being proposed to be done during times that the runways are open. All surveying work will be performed during the night when the runways are closed). It is assumed that the Topographical Survey will require at least nine (9) nights of Runway 13/31 being closed from 11pm to 6am. It is assumed the DOA will allow this work to be concurrent with the Project Level Pavement Condition Inspections, Geotechnical Investigation, and Utility Locates in order to limit runway closure time. It is assumed that additional runway closures required to complete the Topographical Survey will be done in direct communication with Air Traffic Control, allowing the crew(s) to exit the runway safety area so that landings may occur in the event of an unscheduled landing.

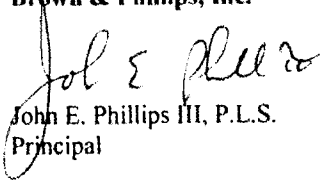
Mohammadi
April 2, 2009
Page 3

IV. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide LPA Group with (3) hard copies at 1"=50', an DTM as well as, AutoCAD file in the version requested, an ASCII file and a copy of survey field notes and calculations. Any additional work will be done on an hourly basis as approved by you. The proposed cost for this project is \$ 34,698.00 (\$34,108.00 per Attachment 'A' + \$590.00 Reimbursable). 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/ml

Accepted This _____ Day Of _____, 2009.

LPA Group

By: _____

Print Name: _____

ATTACHMENT 'A'

PBIA Runway 13/31 and 9L/27R Repair and Rehabilitation

Brown & Phillips, Inc. Project No:

Description:

Size:

Date of Proposal: April 2, 2009

TASK	3 MAN FIELD	CADD TECH	SURVEY TECH	PLS	COMMENTS
Horizontal Project Control Network	10		5	1	Shoot end of runway
Vertical Project Control Network	8		3		
Cross Sections Intersections	30		8	2	Cross sections at intersection of 13/31 and 9L/27R
Cross Sections on Runway 13/31	38		9	3	
Pavement Shots From Edge Full Strength Pavement	29		10	2	shots at 12.5' offsets
Runways 13/31 Light Can Elevations	5		2		
Pavement Core Stakeout and Boring Locations	12		6	1	Stake 16 pavement cores and co-located borings
Location of Markings	12		6	1	Locate runway centerlines, taxiway centerline, markings and misc. structures
Tin File			12	5	Create tin file
Drawing		50	12	6	Prepare survey drawing
1 Contingency Day	10	5	5	1	
Total Hours	154	55	78	22	
Rate/Hour	\$132.00	\$80.00	\$85.00	\$125.00	
Sub-total	\$20,328.00	\$4,400.00	\$6,630.00	\$2,750.00	
Total Price	\$34,108.00				

Reimbursable: Diesel Light Tower = \$590.00

March 9, 2009
N&A Project No. 05-08-0293-103

Mr. Mohsen Mohammadi
The LPA Group
4503 Woodland Corporate Blvd.
Suite 400
Tampa, FL 33614
Phone: (813) 889-3892

**RE: Proposal for Geotechnical Services - Revised
Palm Beach International Airport
Runway 13/31 and 9L/27R Repair and Rehabilitation**

Dear Mr. Mohammadi:

As requested, Nodarse & Associates, Inc. is pleased to submit this proposal to perform the required subsurface exploration and geotechnical services for **Runway 13/31 and 9L/27R Repair and Rehabilitation**.

Based on the provided information from the Request for Proposal, we understand that the geotechnical field work will require (5) five nights of runway 13/31 being closed from 11pm to 7am; and include one (1) concurrent night of Runway 9L/27R being closed from 1am to 5am. It is assumed that DOA will allow this work to be concurrent with the project level pavement condition inspection, Topographic survey, and utility locates in order to limit runway closure time.

SCOPE OF SERVICES:

- Mobilize drill rig equipment and crew to the project site,
- Mobilize coring equipment,
- Site Reconnaissance, and coordination with PBIA officials before drilling,
- Perform a total of 16 pavement cores including surface course and base material and four (4) Standard Penetration Test (SPT) soil borings to a depth of approximately 10 feet below existing ground surface. It is assumed that the cores will be taken at the same location of the soil borings and as follows:
 - Runway 13/31 North of Runway 9L/27R – 4 Borings and 9 Cores;
 - Runway 13/31 and 9L/27R Intersection – 1 Core;
 - Runway 9L/27R West of Runway 13/31 – 1 Core;
 - Runway 9L/27R East of Runway 13/31 – 1 Core;
 - Runway 13/31 South of Runway 9L/27R – 4 Cores.

GAINESVILLE
TALLAHASSEE

JACKSONVILLE
TAMPA

LAKELAND
WEST PALM BEACH

BUILD ON OUR EXPERIENCE

MIAMI
ORMOND BEACH
WINTER PARK

2448 METROCENTRE BLVD. • WEST PALM BEACH, FLORIDA 33407
P: 561-616-0870 • 800-339-0870 • F: 561-616-0871
WWW.NODARSE.COM

- Record groundwater table at every boring location,
- Seal and grout boreholes,
- Visually classify the soil samples, photographs of each core, and test select samples for natural moisture content, grain size distribution analyses, organic content, and atterberg limits (if needed). Laboratory will include CBR and Proctor tests,
- Draft the soil boring and coring logs in AutoCAD,
- The results of the exploration will be presented in a geotechnical report. This report will include the following:
 - U.S.G.S. Quadrangle Map
 - Existing soil conditions on the basis of U.S.D.A. S.C.S. Soil Survey
 - Field exploration, testing, and sampling
 - Subsurface soil conditions encountered and USC soil classifications
 - Depth of groundwater at the time of the exploration
 - Laboratory test results

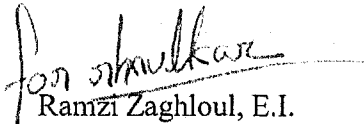
We understand that Brown & Phillips surveying will provide land surveying services to layout the proposed borings/cores.

Fee estimate for the above mentioned scope on this project is **\$25,955.00**. The rates from the "2009 fee schedule" are used and an overtime multiplier of 1.5 is applied to field services that have to be performed at night time. A detailed breakdown of this fee estimate is included in **Table 1** in the Attachment.

Any additional services authorized by you will be performed with additional charges. Any variation to the scope of work may require a modification to the cost estimate.

We appreciate the opportunity to provide you with our services. If you have any questions, please call our office at 561-616-0870.

Sincerely,
Nodarse & Associates, Inc.


Ramzi Zaghoul, E.I.
Project Engineer
ramziz@nodarse.com

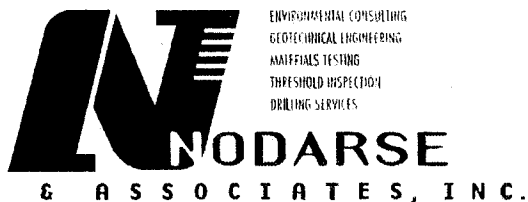
Fouad Masri, P.E.
Senior Vice President
fouadm@nodarse.com

Attachment: Fee Estimate Breakdown

Table 1: Fee Estimate for Geotechnical Services

Item	Description of work	Qty	Unit	\$ Unit Cost	Total Amount
Field Services					
1.	Mobilize Truck mounted drill rig*	1	Each	525.00	\$525.00
2.	Site Reconnaissance: Utility Coordination with PBIA before drilling. (Project Engineer)	8	Hr.	90.00	\$ 720.00
3.	Standard Penetration Test (SPT) Soil borings 4 @ 10 feet deep*	40	L.F	21.00	\$840.00
4.	Grout Boreholes (4-inch)*	40	L.F.	7.50	\$300.00
5.	Coring Equipment Mobilization*	1	Each	450.00	\$450.00
6.	Pavement Cores*	16	Each	450.00	\$7,200.00
7.	Grout seal holes and patch pavement (6-inches core)*	32	L.F	15.00	\$480.00
8.	Sampling for laboratory testing (CBR and Proctor Tests)*	4	Hr.	82.50	\$330.00
9.	Coordination with PBIA Official	10	Hr.	90.00	\$900.00
10.	Badging, security clearance and safety orientation (2-man crew for 1 day)	8	Per crew hr.	\$ 150.00	\$1,200.00
11.	Standby time for the drilling crew; 2-person crew*	10	Hr.	225.00	\$ 2,250.00
Laboratory Services					
12.	Soil Visual classification (Project Eng.)	10	Hr.	90.00	\$900.00
13.	Moisture Content	10	Test	15.00	\$150.00
14.	Grain Size Analysis- Full Gradation	10	Test	75.00	\$750.00
15.	Organic Content Test	3	Test	40.00	\$120.00
16.	CBR Tests	3	Test	350.00	\$1,050.00
17.	Core Thickness determination (includes photographic documentation)	16	Per Core	75.00	\$1,200.00
18.	Bitumen Extraction	4	Each	75.00	\$300.00
19.	Gradation of Extracted Aggregates	4	Each	75.00	\$300.00
Subtotal					\$19,965.00
Engineering and Technical Services					
20.	Principal Engineer	4	Hr.	150.00	\$ 600.00
21.	Senior Project Manager	10	Hr.	120.00	\$ 1,200.00
22.	Project Engineer	40	Hr.	90.00	\$ 3,600.00
23.	CADD Operator	8	Hr.	50.00	\$ 400.00
24.	Secretarial	4	Hr.	47.50	\$ 190.00
Subtotal					\$5,990.00
Total Fee Estimate					\$ 25,955.00

* Night time rate – An overtime multiplier of 1.5 is applied



March 19, 2009

Mr. Mohsen Mohammadi
THE LPA GROUP INCORPORATED
4503 Woodland Corporate Boulevard, Suite 400
Tampa, FL 33614
Phone: (813) 889-3892

**RE: Proposal for Q/A Testing Services
Runway 13/31 and 9L/27R Repair and Rehabilitation
Palm Beach International Airport
Palm Beach County, Florida**

Dear Mr. Mohammadi:

Nodarse & Associates, Inc. (N&A) is pleased to present this proposal for construction materials testing services for the above referenced project. This proposal presents our understanding of the proposed project, outlines the anticipated scope of services required, and provides a cost estimate for these services.

PROPOSED SCOPE OF SERVICES

The following Scope of Services is based on the information provided. The project plans are not provided to us at this time. We anticipate that our services for the project will include the following:

Site Subgrade Soils and/or Fill Soils

- Perform laboratory moisture-density relationship test (Proctors) on representative soils.
- Perform soil in-place field density tests at subgrade and fill soil locations, at the specified frequency to determine the percent compaction.

Paving Subgrade and Base Materials

- Perform soil in-place field density tests on the subbase to determine the percent compaction achieved by the contractor at the specified frequency.
- Perform density and thickness tests on base materials to verify that they are properly compacted and of sufficient thickness.
- Perform laboratory testing to determine the compaction characteristics, the maximum dry density, the optimum moisture content and the California Bearing Ratio (CBR).

Asphaltic Concrete Paving

- Observe the milling and resurfacing activities.
- Obtain field density and thickness measurements of in-place asphaltic concrete.
- Obtain asphaltic concrete cores for laboratory density testing.

GAINESVILLE
TALLAHASSEE

JACKSONVILLE
TAMPA

LAKELAND
WEST PALM BEACH

BUILD ON OUR EXPERIENCE

MIAMI
ORMOND BEACH
WINTER PARK

2448 METROCENTRE BLVD. • WEST PALM BEACH, FLORIDA 33407
P: 561-616-0870 • 800-339-0870 • F: 561-616-0871
WWW.NODARSE.COM

- Obtain asphaltic concrete sample for laboratory bitumen content, stability and gradation.

Concrete Testing

- **Slump:** Perform one test at point of discharge for each sample when test specimens are molded.
- **Concrete Temperature:** Measure temperature for each sample when test specimens are molded.
- **Concrete Test Specimens:** Mold one set of four (4" x 8") concrete test cylinders at the specified frequency of one set every 50 cubic yards or fraction thereof.
- Transport cast cylinders to our laboratory for testing.
- Perform laboratory curing, and compressive strength testing of cylindrical concrete specimens. Tests will be performed: one specimen at 7-days, two specimens at 28-days, and one cylinder will be placed on hold for further testing, if required.
- Report compressive strength test results in writing. *Failing tests will be reported within 24 hours of laboratory testing.*

PERSONNEL

The team proposed for this contract represents an experienced group of professionals with the expertise necessary to complete the required task assignments in a timely and cost-effective manner. Our professional staff of engineers and technical support personnel has a wide variety of experience, and we will utilize personnel whose experience level is commensurate with the work assignment.

The construction materials testing team will be led by Fouad S. Masri, P.E. as Project Manager. He will review the daily reports and test results prepared by the on-site personnel, be available for consultation, and provide properly trained personnel as needed.

REPORT OF FINDINGS

A detailed field report of the findings of our inspection activities will be left on-site daily with the appropriate project representative. A monthly progress report will be submitted summarizing our inspection activities during construction.

ESTIMATED COST OF SERVICES

\$ 25,000.00

We propose to provide the construction materials testing services on a unit cost basis. If there is a change in the construction schedule, or the scope of services outlined in our cost estimate, the total for our services is subject to change. If our total cost of services will exceed the figure presented in the attached Cost Estimate, we will obtain your permission before proceeding.

We believe that this proposal is a realistic estimate based on our current understanding of this project. Should you decide to give us the opportunity to be of service, we would be receptive to meet with you to discuss and negotiate both the scope and cost of this proposal.

SCHEDULE CONSIDERATIONS, ASSUMPTIONS, AND GENERAL CONDITIONS

Our cost estimate is based on the following qualifying assumptions:


1. Overtime rate will apply for work conducted before 7:00 am or after 6:00 pm during business days, Saturday, Sunday or company holidays at 1.5 times the applicable normal unit hourly rate for the engineering technician.
2. Re-inspection of non-conforming issues is not included in this proposal. Requests for additional time spent beyond our initial testing services will be considered additional services.
3. Stand-by time, during re-compaction, due to late arrival of concrete, etc. and concrete monitoring on a full time basis will be invoiced at the engineering technician hourly rate.
4. Soil sample and concrete cylinder pick-up will be scheduled to coincide with other testing whenever possible; however, when not on site for other testing, pick-up will be invoiced at the engineering technician hourly rate.
5. Clear and safe access to inspect items, as well as cooperation, will be provided by the contractor and his subcontractors.
6. We will provide a field representative to observe the contractor's work and conduct field tests. Our services do not include supervision or direction of the actual work of the contractor, his employees or agents, and the contractor should be so advised. The contractor should also be aware that neither the presence of our field representative, nor the observation and testing by our firm, shall excuse him in any way for defects discovered in his work. It is understood that our firm will not be responsible for job or site safety on this project. Job and site safety will be the sole responsibility of the contractor.
7. N&A shall not have control or charge of, and shall not be responsible for construction means, methods, techniques, sequences or procedures, nor for safety precautions and programs in connection with the contractor's work.
8. All testing and inspection services will be performed in accordance with the project plans and specifications unless otherwise noted. Test results apply only to those materials actually tested.
9. In this proposal, the words supervision, inspection, monitoring or "control" are used to mean observation of the work and the conducting of tests at appropriate times by N&A, or as required by your representative to confirm substantial compliance with plans and specifications.

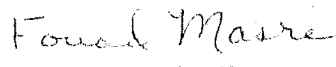
CLOSING

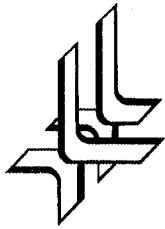
We trust that this proposal adequately and effectively addresses all of the necessary elements of your required scope of work. We appreciate your consideration of N&A for this exciting project and look forward to assisting you on this and future projects. Should you have any questions concerning this proposal, or if we can be of further assistance, please contact us at (561) 616-0870.

Sincerely,

NODARSE & ASSOCIATES, INC.


Rutu Nulkar, E.I.
Project Engineer


Fouad S. Masri, P.E.
Senior Vice President



F.R. ALEMAN

& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS
10305 N.W. 41st Street, Suite 200
Miami, Florida 33178
TEL: (305) 591-8777
FAX: (305) 599-8749
Email: dstanton@fr-aleman.com

CONSULTING ENGINEERS & SURVEYORS
www.FR-Aleman.com
Email: dennis.stanton@FR-Aleman.com

March 10, 2009

THE L.P.A. GROUP INCORPORATED

Attn: Mr. Mohsen Mohammadi
615 Crescent Executive Court, Suite 200
Lake Mary, FL. 32746-2146

RE: Project No: 326417
Project Title: Runway 13/31 and 9L/27R Repair and Rehabilitation Utility Locations
Facility Name: Palm Beach International Airport

SUBJECT: Price Proposal for SUE Services

Dear Mr. Mohammadi:

In accordance with your request, F.R. Aleman & Associates, Inc., (FRA) is pleased to submit our proposal to provide SUE SERVICES to your company.

F.R. Aleman & Associates, Inc., (FRA) is pleased to provide this proposal for utility locating services at the above referenced project. A subsurface Ground Penetrating Radar (GPR) unit will be used in addition to electromagnetic induction (EM). Based on the information provided FRA will attempt to provide horizontal locations of public and privately owned utilities prior to excavation. The provided site plan depicting the limits of survey shall be considered part of this proposal.

DESCRIPTION OF SERVICES

FRA will provide two (2) technicians, equipment and special tools to designate utilities at locations authorized and directed by your representative.

Electromagnetic induction is a method in which a transmitter signal is applied by directly coupling to a target. As long as the target is metallic, a receiver is used to detect the transmitted signal. Passive detection is another technique used to locate naturally occurring magnetic fields that exist on power cables generating a 50/60 Hz. Signal. Additionally, passive VLF signals can be detected on other metallic utilities that are typically long in length and are well grounded electrically. Some utility systems contain portions of non-metallic material and therefore may be un-locatable using EM techniques.

A GPR unit can assist in identifying non-metallic utilities and other structures that are unidentifiable using traditional electromagnetic techniques. The GPR method transmits electromagnetic waves, which are pulsed at discrete distance / time intervals. The transmitted pulse radiates through the earth whereby a portion of energy is reflected from interfaces of contrasting electrical properties (e.g. pavement and soil interface, soil stratigraphic changes and buried metallic objects) while the remaining energy continues until reaching additional reflectors where the process is repeated. Reflected energy is received by the antennae and recorded for later processing and interpretation. Factors such as soil moisture, clay content and variations in the dielectric constants of materials control the effectiveness of the GPR method. Wet conductive soils severely attenuate GPR signals and thus effective the depth of exploration. GPR energy cannot transmit through ferrous objects since metal acts as a pure reflector. In order to accurately conduct a radar survey, orthogonal scans must be made across the target area. Confined or obstructed areas that restrict the scanning pattern can impede the data collected and reduce the accuracy of the desired results.

Vacuum excavation is a technique used to safely expose utilities by using a combination of compressed and vacuum air. Once the utility has been exposed, vertical elevation, diameter and material type can be obtained.

Page 1 of 3

Miami - Orlando - Tampa - Jacksonville - Tallahassee
Task I-03-PBI-L-028 Page A-21 of 24 April 2009
PBI Runway 13-31 Rehabilitation

Electromagnetic & GPR Field Survey

- Conduct appropriate records research
- Program and calibrate electromagnetic utility locating equipment
- Perform horizontal locations of existing conductive utilities using electromagnetic techniques
- Mark selected targets on the ground surface as necessary
- Interpret field data and perform on-site designating field sketches
- Coordinate survey of utility targets with client.
- Review Utility survey for client.

LOCATE SUBSURFACE UTILITIES USING TEST HOLES

This service will include but not be limited to the following:

- Coordinate with utility agencies / owners/ The L.P.A Group Incorporated.
- Neatly cut and remove existing pavements (not to exceed 225-sq. In. Per cut).
- Excavate the cut in such a manner as to prevent any damage to wrappings, coatings or other protective coverings (i.e. vacuum / pressure excavations, hand digging).
- Furnish and install color-coded permanent above ground markers (i.e. p.k. nails, steel rods), directly above the centerline of the utility structure and record the elevation of the marker.
- Provide a restoration of the pavement, within the limits of the cuts, at the time of the backfill.
- Provide complete clean up of work sites to equal or better condition than before excavation.

CONDITIONS – Locating of underground utilities for pre-excavation

- Utility Locations are being provided in an attempt to prevent or reduce the likelihood of damage during excavation.
- Areas to be surveyed with GPR must be level and free of obstructions.
- Results are dependent upon field conditions at the time of locating services.
- If underground facilities are damaged, whether marked by FRA or not, it is your obligation to notify a representative of FRA within 48 hours of the damage.
- Prior to excavation, the contractor is responsible for securing locations of public utilities through Sunshine State One Call of Florida (800-432-4770).
- Airside Access or Badges provided by others (FRA personnel will obtain Airport Badges).

F.R. ALEMAN & ASSOCIATES, INC. S.U.E. SERVICES PRICE PROPOSAL			
ITEM DESCRIPTION	RATE	QUANTITY	ITEM PRICE
3 PERSON CREW LOCATING AND DESIGNATING CREW HOURLY	\$1,412.16	3 Days	\$4,236.48
Project Manager	\$151.21	8 Hours	\$ 1,209.68
Utility Coordinator	\$84.28	8 Hours	\$ 674.24
TOTAL COST			\$6,120.40

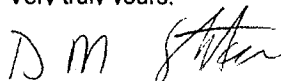
F.R. Aleman & Associates, Inc. appreciates the opportunity to submit this proposal and looks forward to our association on this project. This proposal is valid for acceptance through March 30, 2009, after which it shall be subject to reconfirmation by **FRA**. If this proposal is accepted prior to the above date, this pricing will be in effect for the next 30 days, after which time shall be subject to review and adjustment by **FRA**.

FRA based this estimate on a plans review with your company.

If you find this proposal acceptable, please sign the original of this Agreement in spaces provided below and return one (1) fully executed copy for our files which will serve as your formal authorization for our services.

We are prepared to commence work upon your notification and finalization of this Agreement. If you have any questions please do not hesitate to call me at my office (305) 591-8777.

Very truly yours.



D.M. Stanton
S.U.E. Director

P:\2051\SUEWO-03\Estimate\PBIA TAXIWAY F Extension 03-10-09.doc

ACCEPTED AND AGREED:

Client: The L.P.A. Group

By: _____

Name: _____

Title: _____

Date: _____

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport Runway 13-31 Rehabilitation	PROJECT NO:	Task No. I-03-PBI-L-028
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mohsen Mohammadi	FAX NO:	813.889.3893
DATE:	April 3, 2009	DEPARTMENT:	Airports

Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	DBE Subcontractor Amount			
		Black	Hispanic	S/WBE Women	Other (S/MBE)
Brown & Phillips, Inc. 901 Northpoint Parkway, Ste 119 West Palm Beach, Florida 33407 (561) 615-3988	Surveying & Mapping	\$34,698.00	\$	\$	\$
Hillers Electrical Engineering, Inc. 23257 State Road 7 Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Electrical Design and Construction Admin Svcs.	\$	\$9,885.00	\$	\$
Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870	Geotechnical Engineering and Materials Testing Svcs.	\$	\$	\$50,955.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$34,698.00	\$9,885.00	\$50,955.00	\$ - 0 -

Total Fee:	\$314,711.00	Total % of DBE Participation:	30.36%
------------	---------------------	-------------------------------	---------------

EXHIBIT B
SCOPE OF SERVICES

TASK I-03-PBI-L-029

Palm Beach County Department of Airports
Palm Beach International Airport
SOUTH TAXIWAY REHABILITATION

Project Description

Palm Beach County (COUNTY) intends to rehabilitate a section of an existing 50-foot wide pavement south of Taxiway R at Palm Beach International Airport, as shown in Figure 1. The project also includes the relocation of the tie-in taxiway to a future aircraft parking apron. The approximate length of the project is 1,500 feet. THE LPA GROUP INCORPORATED (CONSULTANT) will provide professional engineering design, bidding, and construction phase services for this project. Several factors will be considered during the design of this project, including:

A. Limits of Pavement Rehabilitation

The pavement section will begin at a location immediately west of Taxiway S and extend to the east to the end of the pavement section. The connection to the future aircraft parking apron will also be shifted to the East, as shown in Figure 1. The rehabilitation will consist of removing the deteriorated pavement section and replacing it with a new pavement section that will accommodate Group III aircraft (Boeing BJ).

B. Geometric Design

The pavement width will remain at 50 feet. Paved shoulders will not be constructed. It is anticipated that no significant grade changes will be required on this project.

C. Electrical Design

The new pavement section will have taxiway edge lighting and signage. LPA's subconsultant, Hillers Electrical, will perform this task, as shown in attachment 1.

D. Drainage Design & Permitting

It is anticipated that no additional impervious area will be constructed as a part of this project. Therefore, the CONSULTANT will not be required to provide any drainage design. The CONSULTANT will coordinate/meet with SFWMD to discuss this project and will submit an ERP application showing zero net addition in impervious area. The CONSULTANT will evaluate the structural capacity of two drainage structures located within the Taxiway Safety Area and will recommend replacement if necessary. The existing ditch south of the pavement will remain outside the Taxiway Safety Area for Group III aircraft and, therefore, will not be impacted. There will be a need to provide drainage outfalls in the infield area north of the proposed Taxiway and west of the ramp. This could be accomplished by either regarding this area or by providing an inlet structure and piping system to collect and route the water to the current outfalls. The CONSULTANT will perform this evaluation during the preliminary phase of this project prior to meeting with SFWMD.

F. Topographic Survey

This design project will include a topographic survey of the site, including surface utility locations. This work will be conducted in normal daytime hours. The scope of survey by Brown and Phillips is included in Attachment 2.

G. Geotechnical Investigation

The geotechnical investigation will include obtaining existing pavement cores; conducting soil borings up to 10' for soil classification and drainage characteristics; and carrying out soil strength tests (CBR). The scope of pre-design geotechnical investigation by Nodarse and Associates is included in Attachment 3.

H. Estimated Construction Cost

The construction cost is estimated at \$1.8M. This cost includes pavement removal, site grading, new pavement section, lighting, and signage. Recent bid prices will be used to provide an estimate of the construction cost. It is anticipated that this project will not require Additive bids.

Basic Services to be Provided by CONSULTANT

The CONSULTANT will provide the following basic services for this project.

Phase 1A – Program Verification

Not included.

Phase 1B – Schematic Design

Not included.

Phase 2 – Design Development (30% Submittal)

The CONSULTANT will proceed with the subsurface investigations and surveys and the preparation of the Design Development Documents which will define the engineering elements of the project, including:

- Horizontal and Vertical Geometrics
- Paving Details
- Drainage system
- Limits of pavement rehabilitation
- Typical Sections
- Limits of Electrical Design
- Outline of the Specifications

The CONSULTANT will prepare an Engineer's Design Report, which will include the design recommendations, project schedule, estimated construction costs, and the Preliminary Plans, which will include:

- Cover Sheet
- Project Layout Plan
- Project Safety and Phasing Plan
- Pavement Rehabilitation Plans
- Typical Sections
- Preliminary Electrical Design
- Miscellaneous Details

Six (6) copies of the Design Development Documents will be submitted to the COUNTY for review and approval.

Phase 3A - Contract Documents (60% Submittal)

Not included.

Phase 3B – Contract Documents (90% Submittal)

Upon approval of the 30% Engineering Documents and authorization by the COUNTY, CONSULTANT will proceed with the development of the 90% Design Documents, including the Plans as stated below, Cost estimate, General and Supplementary Provisions, Specifications, and Front End Documents.

- Cover Sheet
- Project Layout, Safety Plan, & Horizontal Control
- General Notes & Summary of Quantities
- Typical Sections and Paving Details
- Safety and Phasing Plan
- Staking & Demolition Plans
- Paving Plans
- Cross Sections (not included)
- Runway Profiles (if necessary)
- Pavement Marking
- Lighting Plans
- Misc. Details

CONSULTANT will submit six (6) copies of the 90% Design Documents for COUNTY review and comments.

Phase 3C – Contract Documents (100% Submittal)

Upon approval of the 90% Engineering Documents and authorization by the COUNTY, CONSULTANT will proceed with the development of the Final Design Documents, including the Final Engineer's Report, General and Supplementary Provisions, Final Specifications, and Front End Documents. The final construction plans will include the plans stated in the 90% documents.

CONSULTANT will submit four (4) copies of the Final Design Documents for COUNTY review and comments. CONSULTANT will perform quality reviews and make all revisions and additions to the Contract Documents and submit Final Signed and Sealed Contract Documents for Bidding.

Phase 4 – Bidding and Award of Contract

CONSULTANT will provide Bidding Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Phase 5 – Construction Administration

CONSULTANT will provide Construction Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Special Services to be Provided by CONSULTANT

The CONSULTANT will provide the following additional services for this project:

- Field Survey: The CONSULTANT'S subconsultant (Brown and Phillips) will acquire topographic survey information.
- Geotechnical Investigations: The CONSULTANT'S subconsultant (Nodarse & Associates) will acquire adequate soil borings and pavement cores along the proposed alignment of the canal and pond locations.
- Quality Assurance (Q/A) Testing: The CONSULTANT'S subconsultant (Nodarse & Associates) will perform Q/A testing during construction to ensure proper construction of any drainage structures, subgrade preparation, base and surface course.

Period of Services:

The CONSULTANT will perform the above services according to the following schedule. This schedule does not include review times required by the COUNTY:

Field Survey, Geotechnical, SUE	30 Calendar Days
Phase 1A – Program Verification	-
Phase 1B – Schematic Design	-
Phase 2 – Design Development (30%)	30 Calendar Days
Phase 3A – Contract Documents (60%)	-
Phase 3B – Contract Documents (90%)	60 Calendar Days
Phase 3C – Contract Documents (100%)	14 Calendar Days
Phase 4 – Bidding and Award of Contract	60 Calendar Days
Phase 5 – Construction Phase	120 Calendar Days (80 days actual construction)



	PALM BEACH INTERNATIONAL AIRPORT (PBI)	Proposed Taxiway Layout (No Ditch Impacts)		<table><tr><td>DATE</td><td>3/1/09</td></tr><tr><td colspan="2">Figure 1</td></tr><tr><td colspan="2">DRAWING NO.</td></tr></table>	DATE	3/1/09	Figure 1		DRAWING NO.	
DATE	3/1/09									
Figure 1										
DRAWING NO.										

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
South Taxiway Rehabilitation
Task No. I-03-PBI-L-029

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 2: Design Development (30%) (Lump Sum)								
Programming meeting with Owner	2	2						4
Process survey and base files						12		12
Analyze geotechnical information			2	4				6
Pavement Evaluation and Design			2	8				10
Drainage Evaluation/Area Calculations				12		4		16
<u>Plan Sheet Production</u>								
Prepare Cover sheet						2		2
Prepare General Notes				2		2		4
Prepare Project Layout Plan					2	4		6
Prepare Construction Phasing Plan			2	2		2		6
Prepare Typical Sections				2		2		4
Survey Control and Cores/Boring Layout Plan					2	2		4
Prepare Staking and Demolition Plan				2	4	12		18
Prepare Pavement Marking Plan					2	4		6
Prepare Engineer's Report			4	4			2	10
Prepare Preliminary Cost Estimate				2	2			4
Quality Review	2							2
Review meeting with DOA		2	2					4
Phase 2: Design Development (30%) (Lump Sum) Hour	4	4	12	38	12	46	2	118
Phase 2: Design Development (30%) (Lump Sum) Fee	\$804	\$684	\$2,052	\$5,472	\$1,296	\$3,772	\$152	\$14,232
Phase 3B: Contract Documents (90%) (Lump Sum)								
General Project Coordination	8	8	4	4	4			28
Design of site contours and grading				16	40			56
Prepare Front Ends		2	2				16	20
Prepare Technical Specifications		2	2	8			8	20
<u>Plan Sheet Production</u>								
Revise Project Layout Plan						2		2
Prepare Safety Plan			2		2	2		6
Revise Construction Phasing plan				2		2		4
Revise Typical Sections				2		2		4
Revise Staking and Demolition plans				2	4	8		14
Prepare Paving Details					2	4		6
Prepare Paving, Grading, and Drainage Plans			2	4	20	40		66
Prepare Profile Sheets					4	16		20
Revise Pavement Marking plan and details			2		2	4		8
Prepare Miscellaneous Details				2	2	2		6
Update Cost Estimates				2	2			4
Revise Engineers Report		2	2	4	2		4	14
Quality Review	2							2
Review Meeting with DOA		2						2
Phase 3B: Contract Documents (90%) (Lump Sum) Hour	10	16	16	46	84	82	28	282
Phase 3B: Contract Documents (90%) (Lump Sum) Fee	\$2,010	\$2,736	\$2,736	\$6,624	\$9,072	\$6,724	\$2,128	\$32,030
Phase 3C: 100% Documents (Lump Sum)								

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
South Taxiway Rehabilitation
Task No. I-03-PBI-L-029

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Incorporate DOA 90% review comments		2			8	16		26
Finalize Plans				2	4	8		14
Finalize Front end Specifications		4		2			8	14
Finalize Technical Specifications		4		2			8	14
Prepare Bid Schedule			2	2			2	6
Finalize Cost Estimate			2		2			4
Finalize Engineer's Report			2		2		4	8
Quality Review	2							2
Phase 3C: 100% Documents (Lump Sum) Hours	2	10	6	8	16	24	22	88
Phase 3C: 100% Documents (Lump Sum) Fee	\$402	\$1,710	\$1,026	\$1,152	\$1,728	\$1,968	\$1,672	\$9,658
Phase 4: Bidding Phase Services (Lump Sum)								
Advertise and Coordinate	2						2	4
Distribute Bidding Documents							24	24
Pre-Bid Conference/ Minutes	2	8		2			2	14
Answers to Bidders/Issue Addenda			4	8			8	20
Bid Opening		4						4
Review Bids for Responsiveness		2	4				4	10
Certified Bid Tabs/Award Contract		2		2			2	6
Contract Preparation		2		2			8	12
Phase 4: Bidding Phase Services (Lump Sum) Hours	4	18	8	14	0	0	50	94
Phase 4: Bidding Phase Services (Lump Sum) Fee	\$804	\$3,078	\$1,368	\$2,016	\$0	\$0	\$3,800	\$11,066
Phase 5: Construction Phase Services								
General Coordination with DOA	4	8						12
Submit Construction Management Plan		2	4	8			4	18
Pre-Construction Conference			2				2	4
Weekly meetings (12 meetings)			24				6	30
Review Shop Drawings/Submittals			8				4	12
Review Pay Applications			4				4	8
Review Payrolls, DBE reports, EEO reports			2				2	4
Review Test Results			4					4
Bi-Monthly Site Visits (3 Visits)			6					6
Review and Respond to RFI's			12				6	18
Final Inspection/ Punch List items		2	2				2	6
Review/ Submit Record Drawings			2		4	12	2	20
Review Contractor's Closeout Documents			2				2	4
Submittal of Final Report/ Close Out Grant			2	4			4	10
Phase 5: Construction Phase Services Hours	4	12	74	12	4	12	38	156
Phase 5: Construction Phase Services Fee (NTE)	\$804	\$2,052	\$12,654	\$1,728	\$432	\$984	\$2,888	\$21,542
Total Basic Services								
Total Estimated Hours:	24	60	116	118	116	164	140	738
Total Estimated Labor Costs (Not-to-Exceed):	\$4,824	\$10,260	\$19,836	\$16,992	\$12,528	\$13,448	\$10,640	\$88,528
Special Services								
SFWMD Permit								
SFWMD Pre-Application Meeting		2	2					4

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
South Taxiway Rehabilitation
Task No. I-03-PBI-L-029

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Prepare and Submit ERP Permit			16		8		4	28
Response to RAI's			4		4		2	10
Special Services Hours	0	2	22	0	12	0	6	42
Special Services Fee	\$0	\$342	\$3,762	\$0	\$1,296	\$0	\$456	\$5,856
Labor Totals								
Total Estimated Hours:	24	62	138	118	128	164	146	780
Total Estimated Labor Costs (NTE):	\$4,824	\$10,602	\$23,598	\$16,992	\$13,824	\$13,448	\$11,096	\$94,384

Subconsultants	
Hillers - Electrical Design (LS)	\$12,575.00
Hillers - CA Services (Not-to-Exceed)	\$8,265.00
Brown & Philips - Survey (LS)	\$9,495.00
Nodarse - Geotechnical (LS)	\$8,770.00
Nodarse - Q/A Testing (Not-to-Exceed)	\$10,000.00
Total Subconsultants	\$49,105.00
Subconsultant Procurement and Management (Lump Sum)	\$2,455.00
Expenses	
Total Expenses	\$7,082.00

TOTAL NOT-TO-EXCEED AMOUNT:	\$153,026.00
-----------------------------	--------------

H E E*HILLERS ELECTRICAL ENGINEERING, INC.*

April 18, 2009

Mr. Mohsen Mohammadi, Ph.D., P.E.
THE LPA GROUP INCORPORATED
4503 Woodland Corporate Boulevard, Suite 400
Tampa, Florida 33614

Subject: Electrical Design Fee Proposal for the Palm Beach County Department of
Airports (DOA) PBIA New Taxiway "X" to Apron Lighting & Signage
Systems.


Dear Mohsen:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide THE LPA GROUP
INCORPORATED an electrical design fee proposal for the PBDOA PBIA New Taxiway
"X" to Apron Lighting & Signage.

The following items are included in our scope:

- Includes all DOA, FAA and LPA design site visits & coordination meetings.
- Design new Taxiway "X" Lighting and modifications to existing Taxiway(s) systems.
- Design new Taxiway "X" Signage and modifications to the existing Taxiway signage.
- Design modifications to the existing airfield ductbanks & manhole system.
- Design installation details and layouts for lighting, signage, ductbanks and cable & conduit systems.
- LPA shall provide base plans to HEE on AutoCad-2007.
- HEE shall provide one (1) reproducible set of electrical design & specifications to LPA for 30% 60%, 90%, 100% reviews, bid, permit and construction phases.
- LPA shall provide all printing of plans & specifications to the FAA, FPL, Contractor and DOA for reviews, permits and bidding phases.
- HEE shall provide all electrical specifications, electrical bid items and cost estimates on Word to LPA.
- LPA shall provide Key sheet, Safety Plan sheet and Front-end to Specifications.
- HEE shall provide services during bid & award process.
- Does not include Construction Services

Our proposed lump-sum fee for TW "X" systems design is: \$ 12,575.
Sincerely,



Thomas Doran, Vice-President

23257 State Road 7, Suite 100, Boca Raton, Florida 33428 561-451-9165 Fax: 561-451-4886

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- Design New Taxiway "X" to Apron Lighting, Signage, FPL HILLERS ELECTRICAL ENGINEERING, INC. SCOPE FEE SUMMARY FEE PROPOSAL ELECTRICAL DESIGN to LPA 4-18-09									
	Rate	\$105.00	\$95.00	\$90.00	\$75.00		\$40.00		
	Proj. Mgr.	Proj. Eng.	Prof. Eng.	Proj. Eng	CADD/Tech		Clerical	Total	TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
DESIGN									\$0.00
Field Visits/As-builts Review	1	2	2			1	6		\$515.00
Dsgn Mtgs DOA, FAA, FPL, LPA	1	8	8			2	19		\$1,665.00
							0		\$0.00
Taxiway Lighting & Signage Systems	2	18	28	28		2	78		\$6,620.00
Installation Details & Layout	1	2	4	4		1	12		\$995.00
DOA & FPL Specifications & Bid Items	2	18	6			8	34		\$2,780.00
							0		\$0.00
							0		\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
Subtotal	7	48	48	32	0	14	149		\$12,575.00
									\$0.00
									\$0.00
Travel Expenses							0		\$0.00
Shipping							0		\$0.00
							0		\$0.00
									\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Grand Total Hours	7	48	48	32	0	14	149		
Grand Total Labor Cost	\$735.00	\$4,560.00	\$4,320.00	\$2,400.00	\$0.00	\$560.00			\$12,575.00

H E E

HILLERS ELECTRICAL ENGINEERING, INC.

April 18, 2009

Mr. Mohsen Mohammadi, Ph.D., P.E.
THE LPA GROUP INCORPORATED
4503 Woodland Corporate Boulevard, Suite 400
Tampa, Florida 33614

Subject: Electrical Construction Administration Services Fee Proposal for the Palm Beach County Department of Airports (DOA) proposed New Taxiway "X" to Apron Project. Scope & Fee Based on Calendar Day Construction Period (16 Weeks).

Dear Mohsen:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide The LPA Group (LPA) an engineering fee proposal for the DOA New Taxiway "X" to Apron Electrical construction administration services.

The following items are included in our scope:

- Includes 1 meeting per month (4) each electrical construction progress meetings with DOA, FAA, FPL, LPA and Contractor.
- Includes electrical, lighting, signage, FAA systems shop drawings submittals & approvals.
- Includes electrical periodic observation visits (2 hours per week for 16 weeks)
- Includes electrical Request For Information (RFI) Responses.
- Includes electrical testing, substantial and final Inspections.
- Includes Electrical record drawings based on contractor provided "redline mark ups".

Our proposed Lump-sum fee for Electrical Construction Services is: \$ 8,265.

Sincerely,



Thomas Doran, Vice-President

PBIA - New Taxiway "X" to Apron - Electrical Construction Administration Services									
HILLERS ELECTRICAL ENGINEERING, INC.									
SCOPE FEE SUMMARY									
FEE PROPOSAL Construction Services to LPA - 4-18-09									
Rate	\$105.00	\$95.00	\$90.00	\$70.00		\$40.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech		Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Construction Services									\$0.00
Construction Mtgs 1 per month	1	4	4			2	11		\$925.00
Shop Drawings Approvals	2	12	4			2	20		\$1,790.00
Periodic Site 4 Visits per Month	2	8	24			8	42		\$3,450.00
Testing of New Systems	1	2	2			1	6		\$515.00
Preliminary & Final Inspections	1	4	4			1	10		\$885.00
Record Drawings	1	1	2	4		1	9		\$700.00
							0		\$0.00
Subtotal	8	31	40	4	0	15	98		\$8,265.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Grand Total Hours	0	0	0	0	0	0	98		
Grand Total Labor Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$8,265.00



April 20, 2009

Mr. Mohsen Mohammadi
The LPA Group, Inc.
4503 Woodland Corporate Blvd.
Suite 400
Tampa, FL 33614

Re: PBIA Taxi Layout

Dear Mr. Mohammadi:

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 horizontal control (NAD 83/90 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Dept. Horizontal accuracy will be, at a minimum, 3rd Order Class I per FGDC standards.

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed onsite using the existing Palm Beach County benchmarks (NAVD 1988). Vertical accuracy will be, at a minimum, 2nd Order Class I per FGDC standards. At least two benchmarks will be set onsite.

III. TOPOGRAPHIC SURVEY AND CROSS SECTIONS

We will obtain the following information:

- Cross sections on a 25 ft grid in the paved areas to the taxiway object free area
- Cross sections on a 50 ft grid in the natural ground areas to the taxiway object free area
- Show all above ground utilities & striping
- Asbuilt any structure in the survey area
- Create tin file for DTM
- Edge of existing ramp to east and infield area east of pavement to be removed

Task I-03-PBI-L-029

Page B-12 of 17

4/20/2009

PBI South Taxiway Rehabilitation

901 Northpoint Parkway • Suite 119 • West Palm Beach, Florida 33407
(561) 615-3988 • Fax (561) 615-3986

EST Users: michelle.lane My Documents \BY COMPANY\LPA GROUP\PBI Taxi Layout.doc

Mohammadi
April 20, 2009
Page 3

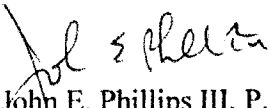
The topographic survey will be performed to Florida Minimum Technical Standards, survey tolerance, Horizontal and Vertical Datum (NAD 83/90 and NAVD 88), and will be performed under the direct supervision of a Florida Professional Land Surveyor and Mapper. See Attachment 'B' for the limits of the survey.

V. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide LPA Group with (6) hard copies, an AutoCAD file in the version requested, an ASCII file and a copy of survey field notes and calculations. Any additional work will be done on an hourly basis as approved by you. The proposed cost for this project is \$9,494.50 per Attachment 'A'. 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

Attachments

JEP/ml

Accepted This _____ Day Of _____, 2009.

LPA Group

By: _____

Print Name: _____

ATTACHMENT 'A'

PBIA Taxi Layout

Brown & Phillips, Inc. Project No:

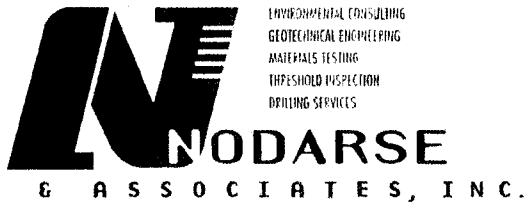
Description:

Size: 1400' +/-

Date of Proposal: April 20, 2009

TASK	3 MAN FIELD	CADD TECH	SURVEY TECH	PLS	COMMENTS
Horizontal Project Control Network	3		2	.5	Extend Horizontal control to area
Vertical Project Control Network	2		.5		Run benches to area and set two benchmarks
Baseline	2.5		.5		Layout baseline at 50' intervals
Topographic Survey and Cross Sections	33.5		6		Topo and cross sections within 100' of centerline. Cross Sections at 25' grid on paved areas. Locate all above ground features.
Drawing		17	12	7	Prepare survey & create tin file
Total Hours	41	17	21	7.5	
Rate/Hour	\$132.00	\$80.00	\$85.00	\$125.00	
Sub-total	\$5,412.00	\$1,360.00	\$1,785.00	\$937.50	
Total Price	\$9,494.50				

[illegible]



March 10, 2009
Revised April 20, 2009
N&A Project No. 05-08-0293-104

Mr. Mohsen Mohammadi
The LPA Group
4503 Woodland Corporate Blvd.
Suite 400
Tampa, FL 33614
Phone: (813) 889-3892

RE: Proposal for Geotechnical Services - Revised
Palm Beach International Airport
South Side Pavement
Palm Beach County, FL

Dear Mr. Mohammadi:

As requested, Nodarse & Associates, Inc. is pleased to submit this proposal to perform the required subsurface exploration and geotechnical services for South Side Pavement Evaluation at Palm Beach International Airport.

SCOPE OF SERVICES:

- Mobilize drill rig equipment and crew to the project site,
- Mobilize coring equipment,
- Site Reconnaissance, and coordination with PBIA officials before drilling,
- Perform a total of five (5) pavement cores including surface course and base material and eight (8) Standard Penetration Test (SPT) soil borings to a depth of approximately 10 feet below existing ground surface. It is assumed that the cores will be taken at five of the boring locations.
- Pick up two (2) samples for CBR and proctor
- Record groundwater table at every boring location,
- Seal and grout boreholes,
- Visually classify the soil samples, photographs of each core, and test select samples for natural moisture content, grain size distribution analyses, organic content. Laboratory tests will include CBR and Proctor tests,

Task I-03-PBI-L-029

Page B-15 of 17

4/20/2009

PBI South Taxiway Rehabilitation

GAINESVILLE
TALLAHASSEE

JACKSONVILLE
TAMPA

LAKELAND
WEST PALM BEACH

MIAMI
WEST PALM BEACH

ORMOND BEACH
WINTER PARK

BUILD ON OUR EXPERIENCE

2448 METROCENTRE BLVD. • WEST PALM BEACH, FLORIDA 33407
P: 561-616-0870 • 800-339-0870 • F: 561-616-0871
WWW.NODARSE.COM

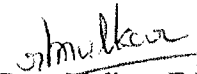
- Draft the soil boring and coring logs in AutoCAD,
- The results of the exploration will be presented in a geotechnical report. This report will include the following:
 - U.S.G.S. Quadrangle Map
 - Existing soil conditions on the basis of U.S.D.A. S.C.S. Soil Survey
 - Field exploration, testing, and sampling
 - Subsurface soil conditions encountered and USC soil classifications
 - Measure Pavement Thickness and photographic document
 - Depth of groundwater at the time of the exploration
 - Laboratory test results

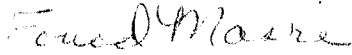
For our geotechnical work, the fee totals a lump sum amount of **\$8,770.00**. The rates from the "2009 fee schedule" are used.

Any additional services authorized by you will be performed with additional charges. Any variation to the scope of work may require a modification to the cost estimate.

We appreciate the opportunity to provide you with our services. If you have any questions, please call our office at 561-616-0870.

Sincerely,
Nodarse & Associates, Inc.


Rutu Nulkar, E.I.
Project Engineer
rutun@nodarse.com


Fouad Masri, P.E.
Senior Vice President
fouadm@nodarse.com

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport South Taxiway Rehabilitation	PROJECT NO:	Task No. I-03-PBI-L-029
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mohsen Mohammadi	FAX NO:	813.889.3893
DATE:	April 3, 2009	DEPARTMENT:	Airports

Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	DBE Subcontractor Amount			
		Black	Hispanic	S/WBE Women	Other (S/MBE)
Brown & Phillips, Inc. 901 Northpoint Parkway, Ste 119 West Palm Beach, Florida 33407 (561) 615-3988	Surveying & Mapping	\$9,495.00	\$	\$	\$
Hillers Electrical Engineering, Inc. 23257 State Road 7 Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Electrical Design and Construction Admin Svcs.	\$	\$20,840.00	\$	\$
Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Fl. 33407 (561) 616-0870	Geotechnical Engineering / Materials Testing	\$	\$	\$18,770.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$9,495.00	\$20,840.00	\$18,770.00	\$

Total Fee:	<u>\$153,026.00</u>	Total % of DBE Participation:	32.09%
------------	----------------------------	-------------------------------	---------------

EXHIBIT C
SCOPE OF SERVICES

TASK I-03-PBI-L-030

Palm Beach County Department of Airports
Palm Beach International Airport
PBI TERMINAL LIGHTING

Project Description

Palm Beach County (COUNTY) intends to upgrade terminal lighting at Palm Beach International Airport. The lighting design and engineering services portion of this work was completed under Task III-02-PBI-L-002-018. THE LPA GROUP INCORPORATED (CONSULTANT) will provide additional professional engineering services for bidding, and construction phase services for this project. The project will include the following elements, as shown on Exhibit A:

Phase 4 – Bidding and Award of Contract

CONSULTANT will provide Bidding Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Phase 5 – Construction Administration

CONSULTANT will provide Construction Phase services in accordance with the General Scope of Services (Exhibit A to Contract for Consulting/Professional Services dated 11/21/06) and as shown in the attached Exhibit B, Man Hour and Fee Estimate.

Exhibit B : Hour and Fee Estimate
Palm Beach International Airport
Terminal Lighting
Task No. I-03-PBI-L-030

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 4: Bidding Phase Services (LS)								
Advertise and Coordinate		2					4	6
Distribute Bidding Documents		4					18	22
Pre-Bid Conference/ Minutes		4					2	6
Answers to Bidders/Issue Addenda		8					8	16
Bid Opening		2						2
Review Bids for Responsiveness		2		4				6
Certified Bid Tabs/Award Contract		2					4	6
Contract Preparation		2					8	10
Phase 4: Bidding Phase Services (LS) Hours	0	26	0	4	0	0	44	74
Phase 4: Bidding Phase Services (LS) Fee	\$0	\$4,446	\$0	\$576	\$0	\$0	\$3,344	\$8,366
Phase 5: Construction Phase Services (NTE)								
General Coordination with DOA		4					2	6
Pre-Construction Conference		2					4	6
Monthly meetings (4 meetings)		4					2	6
Review Shop Drawings/Submittals			2				2	4
Review Pay Applications		2	2				2	6
Review Payrolls, DBE reports, EEO reports		2	2				2	6
Monthly Site Visits (4 Visits)		4						4
Review and Respond to RFI's			2				2	4
Final Inspection/ Punch List items		2					4	6
Review/ Submit Record Drawings		2				4	2	8
Review Contractor's Closeout Documents		2					2	4
Submittal of Final Report/ Close Out Grant		2					2	4
Phase 5: Construction Phase Services (NTE) Hours	0	26	8	0	0	4	26	64
Phase 5: Construction Phase Services (NTE) Fee	\$0	\$4,446	\$1,368	\$0	\$0	\$328	\$1,976	\$8,118
Total Basic Services								
Total Estimated Hours:	0	52	8	4	0	4	70	138
Total Estimated Labor Costs (Not-to-Exceed):	\$0	\$8,892	\$1,368	\$576	\$0	\$328	\$5,320	\$16,484
Labor Totals								
Subconsultants								
Hillers - CA Services (Not-to-Exceed)								\$15,335.00
Total Subconsultants								\$15,335.00
Subconsultant Procurement and Management (Lump Sum)								\$767.00
Expenses								
Total Expenses								\$1,500.00
TOTAL NOT-TO-EXCEED AMOUNT:								\$34,086.00

H E E

HILLERS ELECTRICAL ENGINEERING, INC.

April 7, 2009

Mr. Ryan Forney, AIA
The LPA Group, Inc.
2000 Palm Beach Lakes Blvd. Suite 600
West Palm Beach, Florida 33409

Subject: Electrical Engineering Construction Services Fee Proposal for the Palm Beach County Department of Airports (PBCDOA) – Enplaning & Deplaning Lighting Project for the PBI Terminal at the Arrival Level 1 & Departure Level 3 Roadway Sections and Premium Parking Lot located directly adjacent to Arrival Level 1 Area. (Scope & Fee based on 120 Days Construction Period).

Dear Ryan:

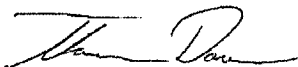
Hillers Electrical Engineering, Inc. (HEE) is pleased to provide The LPA Group (LP) an Electrical engineering construction services fee proposal for the Palm Beach County Department of Airports- Lighting Project for the PBI Terminal Arrival Level 1 & Departure Level 3 Roadways at Terminal Entrances and Premium Parking Lot.

The following items are included in our scope:

- Bid & Award
- Includes all DOA, County P& Z, FPL and LPA construction coordination meetings.
- Includes electrical, lighting progress meetings.
- Includes electrical, lighting systems shop drawings submittals & approvals.
- Includes electrical periodic observation visits (4 hours per week x 17 weeks).
- Includes electrical, lighting Request For Information (RFI) Responses.
- Includes electrical & lighting testing, substantial and final Inspections.
- Includes record drawings based on contractor provided "redline mark ups".

Our proposed NTE construction service is: \$ 15,335.

Sincerely,



Thomas Doran, Vice-President

PBC DOA- Terminal Enplaning & Deplaning Electrical & Lighting Const. Services									
HILLERS ELECTRICAL ENGINEERING, INC.									
SCOPE FEE SUMMARY									
FEE PROPOSAL Construction Services to LPA 4-7-09									
Rate	\$95.00		\$90.00	\$85.00	\$75.00	\$35.00			
	Proj. Mgr.		Prof. Eng	Proj. Eng	CADD/Tech	Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Construction Services									\$0.00
Bid & Award	2		9	9		4	24		\$1,905.00
Elec.& Lght. Shop Drawings Approv	2		16	8		2	28		\$2,380.00
Periodic Site Visits (120 Day Proj)	2		24	44		17	87		\$6,685.00
Testing of New Systems	1		8	8		4	21		\$1,635.00
Preliminary & Final Inspections	1		8	4		2	15		\$1,225.00
Record Drawings	1		4	4	9	1	19		\$1,505.00
							0		\$0.00
Subtotal	9	0	69	77	9	30	194		\$15,335.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Grand Total Hours	0	0	0	0	0	0	194		
Grand Total Labor Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$15,335.00

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport Terminal Lighting	PROJECT NO:	Task No. I-03-PBI-L-002-030
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mohsen Mohammadi	FAX NO:	813.889.3893
DATE:	April 3, 2009	DEPARTMENT:	Airports

Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	DBE Subcontractor Amount			
		Black	Hispanic	S/WBE Women	Other (S/MBE)
Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Electrical Engineering	\$	\$15,335.00	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$15,335.00	\$	\$

Total Fee:	\$34,086.00	Total % of DBE Participation:	44.99%
------------	--------------------	-------------------------------	---------------

EXHIBIT D

SCOPE OF SERVICES

Palm Beach County Department of Airports
Task I-03-PBI-L-031
Palm Beach International Airport
Runway Designation Remarketing and
Airfield Signage

Project Description

The Palm Beach County Department of Airports (DOA) intends to bring the pavement markings at runway hold bars up to compliance with the latest FAA Advisory Circular for pavement markings (AC 150/5340-1J Change 2). The scope of work will update the runway hold position markings and add the surface painted hold position signs at the runway hold position markings at each of the following locations:

- Connector Taxiways for Runway 9L-27R (C1-5, C7-10, D1-2, E2, F2-3, G1, H1-2, J1, K1, L1-2 & S1)
- Connector Taxiways for Runway 13-31 (A1-2, B1-3, C6, D3, E1, F1, F4-5, G2, H3-4)
- Connector Taxiways for Runway 9R-27L (L3-4, R1-5 & S2)

This work will also include the updating of the runway numerals to reflect the current magnetic declination for both runways at Palm Beach International Airport which will increase the numerals by a single numeral. Runway 13-31 will be renumbered as Runway 14-32. Runway 9-27 will be renumbered as Runway 10-28. These updated numerals will be used on the surface painted hold position signs at the locations mentioned above. This work will be coordinated with signage improvements that will update the sign panels to reflect the new numerals.

Phase 1: Program Verification/Schematic Design

NOT INCLUDED

Phase 2: Design Development (30% Design)

NOT INCLUDED

Phase 3A- 60% Design

NOT INCLUDED

Phase 3B - 90% Design

Upon issuance of the Notice to Proceed, the Consultant will proceed with the 90% Submittal to include the following:

- | | |
|--|-------------------------------------|
| • Preliminary Front End Documents | • Construction Cost Estimates |
| • Preliminary Technical Specifications | • Construction Phasing and Schedule |
| • FAA Coordination | • 90% Engineer's Report |

The Consultant will also prepare 90% Plans, which will include:

Cover Sheet
Phasing and Safety Plan
Signing and Marking Plans

Project Layout Plan
General Notes
Miscellaneous Details

The Consultant will meet with the DOA to review the Plans, Specifications, and the Engineer's Report to verify all concerns, issues, and potential conflicts are addressed prior to proceeding with Final Construction Documents.

Deliverables: Six (6) copies of the 90% Plans in 11"x17" format, 90% Engineer's Report and Preliminary Contract Documents will be submitted to the COUNTY for distribution to airport staff, FAA, and FDOT for review.

Phase 3C - 100% Documents:

The Consultant shall address any changes requested by the airport at the 90% review meeting in this Phase. Upon issuance of the Notice to Proceed, the Consultant will proceed with the 100% Plans to include the following:

- Incorporate Airport Comments
- Final Plans
- Final Front-end Documents
- Final Technical Specifications
- General Provisions/Supplementary Conditions
- Bid Schedule
- Final Quantities

The Consultant will prepare a final Construction Cost Estimate, a 100% Engineer's Report, and the Final Plans, which will consist of the 100% Plans, incorporating comments from Airport staff and a final quantity sheet.

Deliverables: Six (6) copies of the 100% Plans in 11"x17" format, the final Engineer's Report and Contract Documents will be submitted to the Airport for distribution to airport staff, FAA, and FDOT.

Phase 4 - Bidding Phase Services:

Standard bidding phase services will be performed in accordance with the Master Agreement.

Deliverables: Bid tabulation and Engineer's review of bids and recommendation of award.

Phase 5 - Construction Phase Services:

It is assumed that construction inspection will be accomplished by PBCDOA personnel, and that the construction contract time will be short (less than 60 days). Limited shop drawing review, as well as attendance at one construction meeting, is included in this scope and fee.

Period of Services:

The design and advertisement of the project will be completed within 60 days of the Notice to Proceed.

Exhibit B Task No. I-03-PBI-L-031 PROJECT NAME: PBI Runway Designation Remarking and Airfield Signage Manhour and Fee Estimate								
Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 4 - Construction Documents (90% & 100%) (LS)								
Coordination with DOA staff		2	7				1	10
Coordination with FAA			3				1	4
Coordination with Signage Consultant			2			2		4
Site Visit/Field Verification			4					4
Cover Sheet						1		1
Project Layout & Safety Plan			1		1	2		4
General Notes & Summary of Quantities			1		1	2		4
Pavement Marking Removal Plans					1	2		3
New Pavement Marking Plans			1		16	8		25
Marking & Construction Details			1		1	6		8
90% Specifications			2				16	18
QA/QC			1	2				3
Cost Estimate			1		1	2	1	5
Meeting with County to discuss 90% review comments	2	1	4			1		8
100% Construction Plans			2		6	4		12
100% Specifications			1				8	9
Updated Cost Estimate			1			1		2
QA/QC			4					4
Phase 4 - Construction Documents (90% & 100%) (LS) Hour	2	3	36	2	27	31	27	128
Phase 4 - Construction Documents (90% & 100%) (LS) Fee	\$402	\$513	\$6,156	\$288	\$2,916	\$2,542	\$2,052	\$14,869.00
Phase 5: Bidding (LS)								
Advertise and Coordinate							2	2
Distribute Bidding Documents							18	18
Pre-Bid Conference/Minutes	2	8					2	12
Answers to Bidders/Issue Addenda		4		4			4	
Bid Opening		4						
Review bids for responsiveness		2					8	
Certified Bid Tabs/Award Contract		1					2	
Contract Preparation		4					8	12
Phase 5: Bidding (LS) Hours	2	23	0	4	0	0	44	73
Phase 5: Bidding (LS) Fee	\$402	\$3,933	\$0	\$576	\$0	\$0	\$3,344	\$8,255.00
Phase 6: Construction Administration (NTE)								
General Coordination with the County	1	2	2					5
Review Shop Drawings/Submittals			1	2				3
Substantial Completion Inspection / Prep Punch List								0
Final Inspection/ Punch List items (Additional Time)			4	4				8
Phase 6: Construction Administration (NTE) Hours	1	2	7	6	0	0	0	16
Phase 6: Construction Administration (NTE) Fee	\$201	\$342	\$1,197	\$864	\$0	\$0	\$0	\$2,604.00
Labor Totals								
Total Estimated Hours	5	28	43	12	27	31	71	217
Total Estimated Labor Costs	\$1,005	\$4,788	\$7,353	\$1,728	\$2,916	\$2,542	\$5,396	\$25,728.00
Subconsultants								
Hilliers - Design (LS)								\$9,105.00
Hilliers - Construction Services (NTE)								\$3,895.00
Subconsultant Procurement and Management - Lump Sum								\$650.00
Expenses								
Lump Sum Expenses Estimate								\$3,162
TOTAL NOT TO EXCEED AMOUNT:								\$42,540

H E E*HILLERS ELECTRICAL ENGINEERING, INC.*

April 7, 2009

Mr. Ryan Forney, AIA
 The LPA Group, Inc.
 2000 Palm Beach Lakes Blvd. Suite 600
 West Palm Beach, Florida 33409

Subject: Electrical Design & Construction Services Fee Proposal for the
 Palm Beach County Department of Airports (DOA) PB IA- Airfield
 Signage Improvements Project- Replacement of all existing sign
 designations for Runway's 9L-27R, 9R-27L and 13-31 signs to reflect new
 FAA designations for the existing Runways per current FAA Advisory.

Dear Ryan:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide The LPA Group
 Inc.(LPA) an electrical design & constructions services fee proposal for the DOA - PBIA
 Airport Airfield Signage Improvements Project- Runway(s) Signage New Designations.
 The following items are included in our scope:

- Includes all DOA, FAA ATC and LPA Design Team design coordination meetings.
- Includes on- site verifications for all runway's sign designation replacements and existing signs foundation replacements.
- Includes designing proposed signage plans reflecting installation details and layout for all airfield signs replacements, panel replacements, concrete foundations and signage schedules.
- LPA shall provide base plans to HEE on AutoCad-2007.
- HEE shall provide 1- reproducible set of signage plans & specifications to LPA for (1) 100% review, bid, construction phases to LPA.
- LPA shall provide all printing of plans & specifications to DOA.
- HEE shall provide all electrical specifications, electrical bid items and cost estimates on Word to LPA.
- LPA shall provide Key sheet, Safety Plan sheet and Front-end to Specifications.
- Construction Services include shop drawing reviews & approvals, RFI – Responses, periodic site visits, final inspection and record drawings.

Our proposed lump-sum fee for airfield signage design is:	\$ 9,105.
Our proposed lump-sum fee for airfield signage const. services is:	<u>\$ 3,895.</u>
Total	\$13,000.

Sincerely,



Thomas Doran, Vice-President

23257 State Road 7, Suite 100, Boca Raton, Florida 33428 561-451-9165 Fax: 561-451-4886

Task I-03-PBI-L-031

Page D-4 of 6

04/09/2009

PBI Runway designation Remarking &
 Airfield Signage

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- Additional Services PBI A Signage Improvements Project Design & Const.Services.									
HILLERS ELECTRICAL ENGINEERING, INC. 3- Runway's New Designations - Signage Replacements									
SCOPE FEE SUMMARY									
FEE PROPOSAL ELECTRICAL DESIGN to LPA 03-16-09									
Rate	\$105.00	\$95.00	\$90.00	\$75.00		\$40.00			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech		Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
DESIGN									\$0.00
Dsgn Mtgs DOA, LPA	1	8	8			1	18		\$1,625.00
On site verifications\Discovery Phase	1	2	4			1	8		\$695.00
100% Review & Bid Design Plans	2	16	16	8		2	44		\$3,850.00
Specifications, Cost Estimates & Bid Items	2	8	8			8	26		\$2,010.00
Bid & Award	1	4	4			2	11		\$925.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	7	38	40	8	0	14	107		\$9,105.00
Construction Services									
							0		\$0.00
Shop Drawings	1	8	8			1	18		\$1,625.00
							0		\$0.00
Periodic Site Visits (30 days)	1	4	12			1	18		\$1,605.00
Final Inspections & Record Drawings	1	2	2	2		1	8		\$665.00
							0		\$0.00
Subtotal	3	14	22	2	0	3	44		\$3,895.00
Grand Total Hours	10	52	62	10	0	17	151		
Grand Total Labor Cost	\$1,050.00	\$4,940.00	\$5,580.00	\$750.00	\$0.00	\$680.00			\$13,000.00

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport Runway Designation Remarking & Airfield Signage	PROJECT NO:	Task No. I-03-PBI-L-031
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mohsen Mohammadi	FAX NO:	813.889.3893
DATE:	April 3, 2009	DEPARTMENT:	Airports


Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	DBE Subcontractor Amount			
		Black	Hispanic	S/WBE Women	Other (S/MBE)
Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Electrical Engineering	\$	\$13,000.00	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$13,000.00	\$	\$

Total Fee:	<u>\$42,540.00</u>	Total % of DBE Participation:	30.56%
------------	---------------------------	-------------------------------	--------

ACORDTM CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 7/1/08												
PRODUCER Ames & Gough 8300 Greensboro Drive, Suite 980 McLean, VA 22102 703-827-2277		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.												
INSURED The LPA Group Incorporated 700 Huger Street P. O. Box 5805 Columbia, SC 29250		<table><tr><td>INSURERS AFFORDING COVERAGE</td><td>NAIC #</td></tr><tr><td>INSURER A: Continental Casualty Company</td><td></td></tr><tr><td>INSURER B:</td><td></td></tr><tr><td>INSURER C:</td><td></td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr></table>	INSURERS AFFORDING COVERAGE	NAIC #	INSURER A: Continental Casualty Company		INSURER B:		INSURER C:		INSURER D:		INSURER E:	
INSURERS AFFORDING COVERAGE	NAIC #													
INSURER A: Continental Casualty Company														
INSURER B:														
INSURER C:														
INSURER D:														
INSURER E:														

COVERAGES						
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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE	\$
					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
					MED EXP (Any one person)	\$
					PERSONAL & ADV INJURY	\$
					GENERAL AGGREGATE	\$
					PRODUCTS - COMP/OP AGG	\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	\$
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	\$
					OTHER THAN EA ACC	\$
					AUTO ONLY: AGG	\$
	EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE	\$
					AGGREGATE	\$
						\$
						\$
						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS	OTH-ER
					E.L. EACH ACCIDENT	\$
					E.L. DISEASE - EA EMPLOYEE	\$
					E.L. DISEASE - POLICY LIMIT	\$
A	Professional Liability	AEH 00 301 02 94	07/01/08	07/01/09	\$5,000,000 Per Claim \$5,000,000 Annual Aggregate	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS	
REFERENCE: Airport Consulting/Engineering Services *Cancellation Notice: In the event the above policy is canceled, non-renewed or materially changed (materially changed defined as a reduction in the policy limit by endorsement during the policy period) prior to the expiration date thereof, the Company will provide 30 days written notice to the certificate holder named below. This policy has full prior acts coverage.	

CERTIFICATE HOLDER Palm Beach Co. Dept. of Airports Attn: Nancy Herrera Planning & Development Division 846 Palm Beach Int'l. Airport West Palm Beach, FL 33406	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL * DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 
---	--


IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

ACORD™ CERTIFICATE OF LIABILITY INSURANCE						DATE (MM/DD/YYYY) 7/30/2008	
PRODUCER (803)799-5533 FAX: (803)771-0166 Keenan Suggs 700 Huger St. Suite 100 Columbia SC 29201				THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
INSURED THE LPA GROUP INCORPORATED The LPA GROUP of North Carolina, p.a. P.O. Box 5805 Columbia SC 29250				INSURERS AFFORDING COVERAGE		NAIC #	
				INSURER A: Cincinnati Insurance Co.		10677	
				INSURER B:			
				INSURER C:			
				INSURER D:			
				INSURER E:			
COVERAGES							
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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR/ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY	CPP0838007	8/1/2008	8/1/2009	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/>	COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
	<input type="checkbox"/>	CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$ 5,000
	<input checked="" type="checkbox"/>	Contractual				PERSONAL & ADV INJURY	\$ 1,000,000
	<input checked="" type="checkbox"/>	Ded. \$10,000.00				GENERAL AGGREGATE	\$ 1,000,000
		*GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	\$ 1,000,000
		<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO. <input type="checkbox"/> LOC					
A		AUTOMOBILE LIABILITY	CPP0838007	8/1/2008	8/1/2009	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/>	ANY AUTO				BODILY INJURY (Per person)	\$
	<input type="checkbox"/>	ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input type="checkbox"/>	SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	\$
	<input checked="" type="checkbox"/>	HIRED AUTOS					
		<input checked="" type="checkbox"/> NON-OWNED AUTOS					
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC	\$
						AUTO ONLY: AGG	\$
A		EXCESS/UMBRELLA LIABILITY	CPP0838007	8/1/2008	8/1/2009	EACH OCCURRENCE	\$ 9,000,000
	<input checked="" type="checkbox"/>	OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE	\$ 9,000,000
	<input type="checkbox"/>						\$
	<input type="checkbox"/>	DEDUCTIBLE					\$
	<input type="checkbox"/>	RETENTION \$					\$
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WC191564904	8/1/2008	8/1/2009	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
						E.L. EACH ACCIDENT	\$ 500,000
						E.L. DISEASE - EA EMPLOYEE	\$ 500,000
						E.L. DISEASE - POLICY LIMIT	\$ 500,000
A		OTHER	CPP0838007	8/1/2008	8/1/2009	Valuable Paper	750,000
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS RE: Airport Consulting/Engineering Services. Palm Beach County Board of Commissioners, a political subdivision of the State of Florida, its officers, employees and agents are additional insureds. Waiver of Subrogation provided.							
CERTIFICATE HOLDER				CANCELLATION			
Palm Beach County Dept of Airports Attn: Nancy Herrera Planning & Development Division 846 Palm Beach Int'l Airport West Palm Beach, FL 33406				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 			
ACORD 25 (2001/08) INS025 (0108).08a				© ACORD CORPORATION 1988 Page 1 of 2			

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.