

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

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Meeting Date: November 3, 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:

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I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:


- (A) Amendment No. 7 to the General Consulting Agreement with The LPA Group, Incorporated for Consulting/Professional Services in the amount of \$1,773,072.80 and to exercise the second one (1) year renewal option for the continued performance of professional planning and design services related to the approved Palm Beach County Airports Capital Improvement Program; and
- (B) A Budget Transfer of \$1,251,277 in the Airports Improvement and Development fund from Reserves to provide budget to fund the consulting contract.

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 1-6 were approved for a net increase in the amount of \$5,902,072.50. 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. 7 in the amount of \$1,773,072.80 will provide funds to complete the following tasks and services: Task I Services – Palm Beach International Airport (PBIA)–Runway 13-31 Runway Safety Area (RSA) Improvements, PBIA–Parking Garage Rehabilitation Construction Administration (CA) Services, PBIA–Main Terminal Ductwork Project, PBIA- Exit Taxiway D CA Services, PBIA-Apron A Additional Design and Construction Phase Services, PBIA–Runway 9L West Residential Properties Appraisal and Acquisition/Relocation Services, Palm Beach County Glades Airport (PHK) Terminal and Maintenance Hangar Construction Additional Services, North Palm Beach County General Aviation Airport (F45) Drainage Structures & Drainage Field Improvements, F45 Wildlife Hazard Mitigation, and, Department of Airports Environmental Monitoring, Inspection, Training and Stormwater Pollution Prevention Plan (SWPPP) Update; Task III Services – Staff Extension and Miscellaneous Planning, Engineering and Construction Services. This Amendment will also allow the County, at its sole discretion, to exercise the second one (1) year renewal option for the continuation of services provided under this Agreement. 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 14.67%. The total DBE contract goal including all amendments is 19.07% 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, by exercising the second one (1) year renewal option.

- Attachments:
- 1. Amendment No. 7 with The LPA Group, Incorporated – 3 Originals
 - 2. Budget Transfer

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Recommended By:		<u>10/23/09</u>
	Department Director	Date
Approved By:		<u>10/26/09</u>
	County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2010	2011	2012	2013	2014
Capital Expenditures	\$ 1,773,073				
Operating Costs					
External Revenues					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$ 1,773,073				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes _____ No X
Budget Account No: Fund _____ Department _____ Unit _____ Object _____
Reporting Category _____

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

Approval of this item will authorize the expenditure of \$1,773,073. \$521,796 is in the current Budget in account 4111-121-A298. Certain tasks may be eligible for grant and PFC funding. Included is a transfer from Reserves of \$1,251,277.

C. Departmental Fiscal Review:

CM Sumner

III. REVIEW COMMENTS

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

\$521,796 will be available after the capital fund roll over process has been completed.

[Signature] 10/22/09
OFMB 10/20/09 CN 10/15/09

[Signature] 10/23/09
Contract Dev. and Control

B. Legal Sufficiency:

This amendment complies with
our review requirements.

[Signature] 10/26/09
Assistant County Attorney

C. Other Department Review:

Department Director

REVISED 9/03
ADM FORM 01

(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT)

AMENDMENT NO. 7 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. 7 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 first 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, on May 19, 2009, the COUNTY entered into an Amendment #6 (R2009 0841) 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.

WHEREAS, Article 2 of the Contract defines the performance period of the Contract as 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, it is the County's desire to exercise the second one (1)-year renewal option for the continuation of services provided by the CONSULTANT under this contract.

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 second one (1)-year renewal option for the continuation of services provided by the Consultant under this contract.
2. 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 **One Million Seven Hundred Seventy-Three Thousand Seventy-Two Dollars and Eighty Cents (\$1,773,072.80)** for the services in Amendment No. 7 to the original Contract.
3. 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 Seventh 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 Paul Holt, 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: [Signature]
Director of Airports
[Signature]
(Witness Signature - Consultant)

By: [Signature]
(Signature)
Paul Holt
(Print Signatory's Name)

Julie A. Lorenz
Witness Name (Type or Print)

Senior Vice President
(Print Title)
9/28/09
(Date of Execution)



EXHIBIT "I"
SCOPES OF SERVICES AND FEES

A. The scopes of service for this Amendment #7 include Specific 2009-2010 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 2009-2010 Projects:

- Task I-03-PBI-L-032 Palm Beach International Airport
Runway 13-31 RSA Improvements
- Task I-03-PBI-L-033 Palm Beach International Airport
Parking Garage Rehabilitation CA Services
- Task I-03-PBI-L-034 Palm Beach International Airport
Main Terminal Ductwork Project
- Task I-03-PHK-L-035 Palm Beach County Glades Airport (Pahokee)
Rebuilt FBO Terminal/Maintenance Hanger
Revise Permitted Docs. & Add'l. Construction
Administration Services
- Task I-03-DOA-L-036 Palm Beach County Department of Airports
2009-2010 Environmental Compliance Monitoring,
Inspection, Training, and SWPPP Update Services
- Task I-03-PBI-L-037 Palm Beach International Airport
Supplemental to High Speed Taxiways
Construction Services for Taxiway D
- Task I-03-PBI-L-038 Palm Beach International Airport
Apron 'A' Add'l. Design and
Construction Phase Services
- Task I-03-F45-L-039 North Palm Beach County General Aviation Airport
F45 Drainage Structures & Drainage Field Improvements
Agency Letter & Coordination
- Task I-03-F45-L-040 North Palm Beach County General Aviation Airport
F45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard
Environmental Permitting Svcs.
- Task I-03-PBI-L-041 Palm Beach International Airport
Runway 9L-West Six (6) Residential Parcels

Task III – Miscellaneous and Administrative Services for 2009-2010:

- Task III-03-DOA-L-001 Staff Extension
- Task III-03-DOA-L-002 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-032 PBI - Runway 13-31 RSA Improvements	\$484,465.00	\$30,469.00	\$6,862.00		\$521,796.00
Task I-03-PBI-L-033 PBI-Parking Garage Rehabilitation CA Services		\$52,833.00	\$7,925.00		\$60,758.00
Task I-03-PBI-L-034 PBI – Main Terminal Ductwork Project	\$20,536.00		\$300.00		\$20,836.00
Task I-03-PHK-L-035 Pahokee-Rebuilt FBO Terminal/Maint. Hangar Revise Permitted Docs. & Add'l. CA Services	\$87,612.00		\$4,873.10		\$92,485.10
Task I-03-DOA-L-036 2009-2010 Environmental Monitoring , Inspection, Training & SWPPP Update	\$2,541.00	\$279,656.00	\$14,083.00		\$296,280.00
Task I-03-PBI-L-037 PBI Supplemental to High Speed Taxiways/Construction Services for Taxiway D	\$599.00	\$45,562.00	\$5,670.00		\$51,831.00
Task I-03-PBI-L-038 Apron 'A' Add'l. Design and Construction Phase Services	\$14,398.00	\$73,192.00	\$4,500.00		\$92,090.00
Task I-03-F45-L-039 F45 Drainage Structures & Drainage Field Improvements Agency Letter & Coordination	\$15,294.50	\$247.00	\$975.00		\$16,516.50
Task I-03-F45-L-040 F45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services	\$267,471.00	\$45,648.00	\$11,120.00		\$324,239.00
Task I-03-PBI-L-041 Runway 9L-West Six (6) Residential Properties	\$5,059.00	\$101,182.20			\$106,241.20
Total Task I:	\$897,975.50	\$628,789.20	\$56,308.10	\$ - 0 -	\$1,583,072.80
III-03-DOA-L-001-Staff Extension					\$50,000.00
III-03-DOA-L-002-Misc. Planning, Engineering, and Construction Services					\$140,000.00
Total Task III:				-0-	\$190,000.00
Total Fees (Not to Exceed):	\$1,773,072.80				

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Attachments:

Schedule #1	Participation for DBE Consultants – AMENDMENT NO. 7
Exhibit “A”	Task I-03-PBI-L-032 PBI Runway 13-31 RSA Improvements Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “B”	Task I-03-PBI-L-033 PBI Parking Garage Rehabilitation CA Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “C”	Task I-03-PBI-L-034 PBI Main Terminal Ductwork Project Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “D”	Task I-03-PHK-L-035 Pahokee Rebuilt FBO Terminal/Maintenance Hangar Revise Permitted Docs & Add’l. Construction Admin. Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “E”	Task I-03-DOA-L-036 Palm Beach County Department of Airports 2009-2010 Environmental Monitoring, Inspection, Training & SWPPP Update Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “F”	Task I-03-PBI-L-037 Palm Beach International Airport Supplemental to High Speed Taxiways Construction Services for Taxiway D Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “G”	Task I-03-PBI-L-038 Palm Beach International Airport Apron ‘A’ Add’l. Design & Construction Phase Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “H”	Task I-03-F45-L-039 North Palm Beach County General Aviation Airport F45 Drainage Structures & Drainage Field Improvements Agency Letter & Coordination Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)

Exhibit “I”	Task I-03-F45-L-040 North Palm Beach County General Aviation Airport F-45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)
Exhibit “J”	Task I-03-PBI-L-041 Palm Beach International Airport Runway 9L-West Six (6) Residential Parcels Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants)

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Amendment # 7 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:	Mark Kistler	FAX NO.	813-889-3893
DATE:	September, 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	\$	\$	\$78,070.00	\$
Brown & Phillips, Inc. 901 Northpoint Parkway, Suite 119 West Palm Beach, Florida 33407 (561) 615-3988	Surveying/Mapping	\$39,235.00	\$	\$	\$
Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, Florida 33428 (561) 451-9165	Airfield Mechanical / Electrical Engineering / NAVAIDS	\$	\$24,375.00	\$	\$
Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Blvd., Ste 312 West Palm Beach, FL. 33409 (561) 616-3911	Electrical and Mechanical/Plumbing Engineering	\$	\$	\$	\$21,500.00
Scheda Ecological Associates, Inc. 1486-A Skees Rd. West Palm Beach, Florida 33411 (561) 689-9198	Environmental Services/Natural Resources	\$	\$	\$46,078.00	\$
C&N Environmental Consultants, Inc. 612 N. Orange Avenue, A-11 Jupiter, Florida 33458 (561) 744-7420	Environmental Monitoring	\$	\$	\$	\$50,824.60
		\$39,235.00	\$24,375.00	\$124,148.00	\$72,324.60
Total:		\$39,235.00	\$24,375.00	\$124,148.00	\$72,324.60

Total Fee:	\$1,773,072.80
Total % of DBE Participation:	14.67 %

*NOTE: With subconsultant services that will be performed for projects under Task III-03-DOA-L-001/002, the total DBE percentage under this Amendment No. 7 shall exceed 26%.

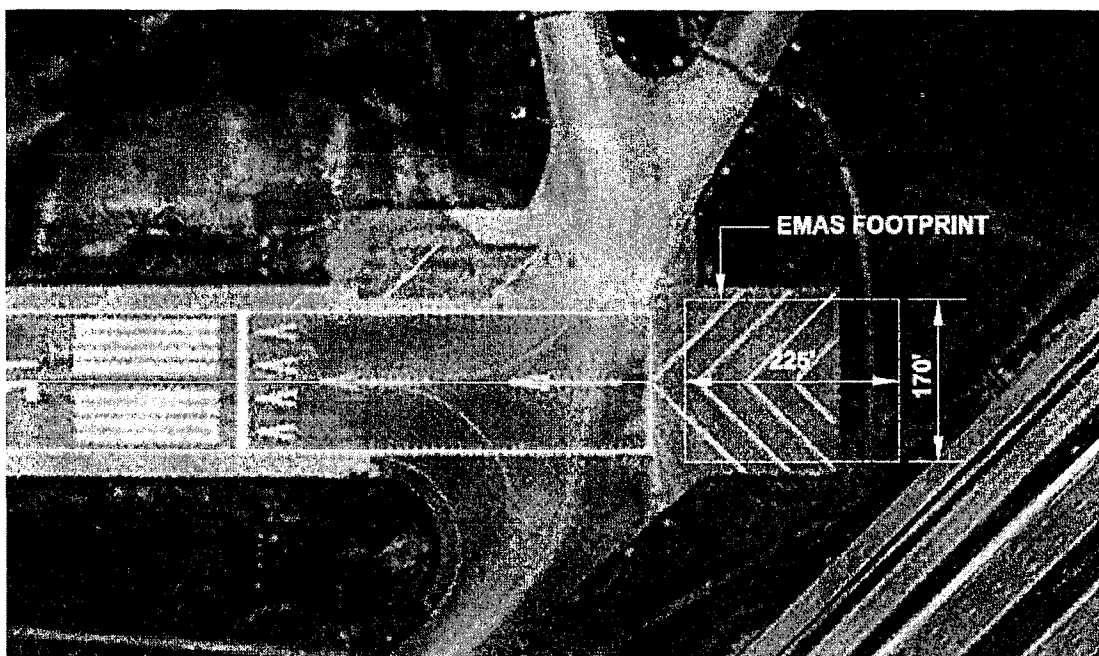
**EXHIBIT A
SCOPE OF SERVICES**

TASK I-03-PBI-L-032

**PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
RW 13-31 RSA IMPROVEMENTS**

Project Description

Palm Beach County (COUNTY) intends to improve the Runway 13-31 Safety Area 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 will include the installation of an Engineered Materials Arresting System (EMAS) at Runway 31 end. The EMAS will be approximately 225 feet long and 170 feet wide and will be constructed between the relocated threshold of RW 31 and the Perimeter road.



According to the FAA, the EMAS system developed by Engineering Arresting Systems Corporation (ESCO) using crushable concrete is the only system that meets the standards established in the Advisory Circular AS 150/5220-22A. The construction of this system will include the following elements:

1. A paved, properly drained, overrun area that will provide a bed for the arresting blocks.
2. A 35-foot paved lead-in ramp between the runway end and the arrestor bed (grooved for proper drainage).
3. A 2.5-ft by 2.5-ft concrete beam placed immediately in front of the arresting blocks as a debris deflector.
4. Frangible runway lights.
5. Proper access for Aircraft Rescue and Fire Fighting Equipment

The following tasks will be performed by the CONSULTANT and/or ESCO:

1. Preliminary Planning, including coordination meetings with the COUNTY and FAA ADO to establish the design criteria, including the appropriate location and configuration of the EMAS and establishment of the design/critical aircraft.

2. Performance modeling using ESCO's proprietary computer modeling.
3. Design Drawings for the base preparation, lighting modifications, EMAS system, and markings.

In addition, ESCO will prepare and implement a construction quality assurance program and will submit same to the COUNTY and the FAA ADO for approval. Also, ESCO will prepare an inspection and maintenance program for the COUNTY and the FAA ADO for approval prior to final project acceptance.

Several factors will be considered during the design of this project, including:

A. Evaluate Field Conditions

The CONSULTANT and ESCO will conduct one site visit to inspect and evaluate field conditions and to verify any potential above ground facilities that may be impacted by this project.

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 for the design of the base for the EMAS system.

C. Electrical Design

Minor modification of the runway end lights may be required as a part of this construction. The scope of electrical design work for CONSULTANT's Subconsultant, Hiller's Electrical Engineering, Inc., is included in Attachment 1.

D. Drainage Design & Permitting

This project will include the construction of new impervious areas and, therefore, will require drainage design and associated permitting. The CONSULTANT will review the currently approved Stormwater Master Plan and prepare a drainage design and the permit for submittal to SFWMD.

E. Topographic Survey

This design project will include a topographic survey of the site, including surface utility locations. It is anticipated that the survey work will be performed during daytime with the runway closed. The scope of survey services to be performed by CONSULTANT's Subconsultant, Brown & Phillips, Inc., is included in Attachment 2.

F. 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 to be performed by CONSULTANT's Subconsultant, Nodarse & Associates, Inc., is included in Attachment 3.

G. Subsurface Utility Engineering (SUE)

A subsurface utility investigation will not be performed for this project.

H. Estimated Construction Cost

The total construction cost of the EMAS system is estimated at \$3.5M. The cost of site preparation, drainage, paving, and marking is estimated at \$800,000. The total estimated construction cost is approximately \$4.3M.

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.

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 Details
- 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/General Notes
- Project Safety and Phasing Plan
- Soil Boring Plan
- Staking and Demolition Plan
- Grading and Drainage Plan
- Limits of EMAS System
- 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/Grooving Plans

- Lighting Plans
- EMAS Construction 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 during daytime.
- 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 during daytime.
- Subsurface Utilities Locating Services: Not included.
- Quality Assurance (Q/A) Testing: The CONSULTANT’s subconsultant (Nodarse & Associates) will perform Q/A testing during construction.

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 Days
Phase 1A – Program Verification	14 Days

Phase 1B – Schematic Design	(Not Applicable)
Phase 2 – Design Development (30%)	30 Days
Phase 3A – Contract Documents (60%)	(Not Applicable)
Phase 3B – Contract Documents (90%)	30 Days
Phase 3C – Contract Documents (100%)	14 Days
Phase 4 – Bidding and Award of Contract	60 Calendar Days
Phase 5 – Construction Administration	150 Calendar Days (90 days actual construction)

Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 RSA Improvements
Task No. I-03-PBI-L-032

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	\$78.00	
Phase 1A: Program Verification								
Coordinate with DOA	4	2	2					8
Acquire and Examine Record Drawings				2		2		4
Perform Field Verifications	4		4					8
Concept Planning Meeting/Coordination with ESCO	4		4		4			12
Review/Update Construction Costs			2					2
Evaluate Existing Survey Data					2			2
Evaluate Existing Soils Data				2				2
Evaluate Utility Locations/Conflicts				2				2
Review meeting with DOA	2	2						4
Phase 1A: Program Verification Hours	14	4	12	6	6	2	0	44
Phase 1A: Program Verification Fee (LS)	\$2,814	\$684	\$2,052	\$864	\$648	\$164	\$0	\$7,226
Phase 2: Design Development (30% Submittal)								
Programming meeting(s) with Owner	2		2				2	6
General Coordination with ESCO (2 Meetings)	8		8		8		2	26
Process survey and base files						16		16
Site Design		2	4		8	16		30
Drainage Design								
Drainage Considerations		2	4	8				14
Identify watersheds				8	4			12
Model Existing drainage conditions			2	16				18
Proposed drainage routing- ditches, piping			2	8	4			14
Compare pre-and post stormwater volumes				8				8
Prepare Drainage maps				2	4			6
Pavement design			4					4
Submittal of Categorical Exclusion		2	2		2		2	8
Perform Field Verifications	4		4					8
Plan Sheet Production								
Prepare Cover sheet						2		2
Prepare General Notes						2		2
Prepare Project Layout Plan					2	4		6
Prepare Safety and Phasing Plan				2	2	4		8
Prepare Typical Sections				2		4		6
Prepare Soil Boring Layout Plan						2		2
Prepare Staking and Demolition Plan				2	8	16		26
Prepare Grading and Drainage Plan					8	16		24
Prepare Pavement Marking Plan					2	4		6
Prepare Engineer's Report			8	4				12
Prepare Detailed Cost Estimate				2	2			4
Quality Review	4							4
Review meeting with DOA	4	4						8
Phase 2: Design Development (30% Submittal) Hours	22	10	40	62	54	86	6	280
Phase 2: Design Development (30% Submittal) Fee (LS)	\$4,422	\$1,710	\$6,840	\$8,928	\$5,832	\$7,052	\$456	\$35,240

Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 RSA Improvements
Task No. I-03-PBI-L-032

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 3B: Contract Documents (90% Submittal)								
General Project Coordination with DOA	4	8					2	14
Meetings/Coordination with ESCO (4 Meetings)	8		16		8		4	36
FAA airspace checklist				2				2
Design of site contours and grading					16			16
Prepare Front Ends		2	4				16	22
Prepare Technical Specifications		2	8	16			24	50
Drainage Design				16	8			24
Refine proposed watersheds				4				4
Model Proposed storm system			2	16	4			22
Drainage report		2	2	8	2		2	16
Plan Sheet Production								0
Prepare Summary of Quantities Sheet						2		2
Revise Project Layout Plan						2		2
Prepare Safety Plan			2		2			4
Revise Construction Phasing plan			2		4			6
Revise Typical Sections			2			2		4
Revise Staking and Demolition plans			2		8	16		26
Prepare Paving Details			2		2	2		6
Prepare Grading and Drainage Sheets			2	4	8	16		30
Revise Profile Sheets					2	2		4
Prepare Drainage Detail sheets				2		2		4
Prepare Erosion Control Plans				2		4		6
Revise Pavement Marking/Grooving plan and details					2	4		6
Prepare Miscellaneous Details					2	4		6
Update Cost Estimates				2	2			4
Revise Engineers Report		2	2	2	2		8	16
Quality Review	4							4
Review Meeting with DOA	4	4						8
Phase 3B: Contract Documents (90% Submittal) Hours	20	20	46	74	72	56	56	344
Phase 3B: Contract Documents (90% Submittal) Fee (LS)	\$4,020	\$3,420	\$7,866	\$10,656	\$7,776	\$4,592	\$4,256	\$42,586
Phase 3C: Contract Documents (100% Submittal)								
Incorporate DOA 90% review comments		2			4	8		14
Finalize Plans				2	8	16		26
Finalize Front end Specifications		4					8	12
Finalize Technical Specifications			4	2			8	14
Prepare Bid Schedule		2	2				2	6
Finalize Cost Estimate			2	2		2		6
Finalize Engineer's Report		2	2		2		2	8
Quality Review	2							2
Phase 3C: Contract Documents (100% Submittal) Hours	2	10	10	6	14	26	20	88
Phase 3C: Contract Documents (100% Submittal) Fee (LS)	\$402	\$1,710	\$1,710	\$864	\$1,512	\$2,132	\$1,520	\$9,850
Phase 4: Bidding and Award of Contract								
Advertise and Coordinate	2						2	4
Distribute Bidding Documents							24	24
Pre-Bid Conference/ Minutes	2	4		2			2	10
Answers to Bidders/Issue Addenda			4	8			4	16
Bid Opening		2						2
Review Bids for Responsiveness		2	2				4	8
Certified Bid Tabs/Award Contract		2		2			4	8
Contract Preparation		2		2			8	12
Phase 4: Bidding and Award of Contract Hours	4	12	6	14	0	0	48	84
Phase 4: Bidding and Award of Contract Fee (LS)	\$804	\$2,052	\$1,026	\$2,016	\$0	\$0	\$3,648	\$9,546

Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Runway 13-31 RSA Improvements
Task No. I-03-PBI-L-032

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 5: Construction Administration								
General Coordination with DOA	8	4						12
Pre-Construction Conference		4					2	6
Weekly meetings (12 meetings)		12	24				8	44
Review Shop Drawings/Submittals		2	8				4	14
Review Pay Applications		2	4				2	8
Review Payrolls, DBE reports, EEO reports			2				2	4
Review Test Results			4					4
Bi-Monthly Site Visits (6 Visits)			12					12
Review and Respond to RFI's		2	4				4	10
Final Inspection/ Punch List items		4	4				2	10
Review/ Submit Record Drawings			2		4	8	2	16
Review Contractor's Closeout Documents			4				2	6
Prepare DBE Reporting Form			2				2	4
Submittal of Final Report/ Close Out Grant			4				4	8
Phase 5: Construction Administration Hours	8	30	74	0	4	8	34	158
Phase 5: Construction Phase Services Fee (NTE)	\$1,608	\$5,130	\$12,654	\$0	\$432	\$656	\$2,584	\$23,064
Total Basic Services								
Total Estimated Hours:	70	86	188	162	150	178	164	998
Total Estimated Labor Costs (Not-to-Exceed):	\$14,070	\$14,706	\$32,148	\$23,328	\$16,200	\$14,596	\$12,464	\$127,512
Special Services								
SFWMD Permit								
SFWMD Pre-Application Meeting		4	4					8
Prepare and Submit ERP Permit		4	24			4		32
Response to RAI's		2	16			2		20
Special Services Hours	0	10	44	0	0	6	0	60
Special Services Fee (LS)	\$0	\$1,710	\$7,524	\$0	\$0	\$492	\$0	\$9,726
Labor Totals								
Total Estimated Hours:	70	96	232	162	150	184	164	1058
Total Estimated Labor Costs (Not-to-Exceed):	\$14,070	\$16,416	\$39,672	\$23,328	\$16,200	\$15,088	\$12,464	\$137,238
Subconsultants								
ESCO - Design Phase (LS)								\$125,000.00
ESCO - Bidding/Construction Phase (LS)								\$210,000.00
Hillers - Site Electrical (LS)								\$8,000.00
Hillers - CA Services (Not-to-Exceed)								\$4,405.00
Brown & Philips - Survey (LS)								\$4,235.00
Nodarse - Geotechnical (LS)								\$5,070.00
Nodarse - Q/A Testing(Not-to-Exceed)								\$3,000.00
Total Subconsultants								\$359,710.00
Subconsultant Procurement and Management (Lump Sum)								\$17,986.00
Expenses								
Total Expenses								\$6,862.00
TOTAL NOT-TO-EXCEED AMOUNT:								
								\$521,796.00



HILLERS ELECTRICAL ENGINEERING, INC.

June 5, 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 New Runway 31 EMAS System- DOA & FAA Electrical & Lighting & NAVAID Systems Modifications.

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 31 EMAS electrical & 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 existing DOA & FAA electrical, lighting and NAVAID systems equipment relocation / replacements necessary needed to facilitate the new EMAS system. Base can systems, circuit's relocations, cable, signage, grounding, conduit, directional boring, trenching installations and modifications to existing remaining DOA & FAA duct bank / 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 CH.
- 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 8-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:	\$ 8,000.
Our proposed lump-sum fee for Construction Services is:	<u>\$ 4,405.</u>
NTE (See attachment)	Total \$12,405.

Sincerely,

Thomas Doran, Vice-President

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBI R/W 31 New EMAS Elec., Lighting, NAVAIDS Mod.Design & Const. HILLERS ELECTRICAL ENGINEERING, INC. SCOPE FEE SUMMARY FEE PROPOSAL ELECTRICAL DESIGN & Construction Services to LPA 6-05-09									
	Rate	\$105.00	\$95.00	\$90.00	\$75.00		\$40.00		
	Proj. Mgr.	Proj. 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	1	1	1		1	5		\$405.00
Dsgn Mtgs.FAA, DOA, LPA	1	4	4			2	11		\$925.00
Elec.Light, NAVAIDS Plans & Details	4	12	20	20		4	60		\$5,020.00
Spec's,Bid Items, Estimates	2	8	4			8	22		\$1,650.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
							0		\$0.00
Subtotal	8	25	29	21	0	15	98		\$8,000.00
									\$0.00
									\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Construction Services									
Shop Drawing Reviews	1	8	8			1	18		\$1,625.00
RFI- Responses	1	1	1	1		1	5		\$405.00
Periodic Site Visit & Final Insp.	1	2	16			4	23		\$1,895.00
Record Drawings	1	1	1	2		1	6		\$480.00
							0		\$0.00
							0		\$0.00
Subtotal	4	12	26	3	0	7	52		\$4,405.00
Grand Total Hours	4	12	26	3	0	7	150		
Grand Total Labor Cost	\$420.00	\$1,140.00	\$2,340.00	\$225.00	\$0.00	\$280.00			\$12,405.00



June 9, 2009

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

Re: End Runway 31 Topographic Survey to Perimeter Road

Dear Mohsen:

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 AND VERTICAL PROJECT NETWORK CONTROL

We will search for and locate the control used to perform the previous topographic survey of runway 13/31 (Project No. 09-016). We will supplement the existing control as necessary to allow us to efficiently complete this task.

II. TOPOGRAPHIC SURVEY AND CROSS SECTIONS

We will obtain elevations on the site on a fifty (50) foot grid on natural ground. For shots on pavement we will take measurements on a 25 foot grid. We will locate all above ground improvements on the site, locating sufficient points to give an accurate representation of the lay of the land. This will be performed at the South end of Runway 31 as shown on Attachment 'B'.

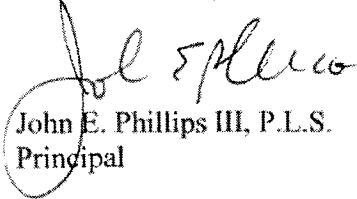
Mohammadi
June 9, 2009
Page 2

III. 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 \$4,235.00 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

Attachment

JEP/ml

Accepted This _____ Day Of _____, 2009.

LPA Group

By: _____

Print Name: _____

ATTACHMENT 'A' 2

End Runway 31 Topographic Survey to Perimeter Road

Brown & Phillips, Inc. Project No:

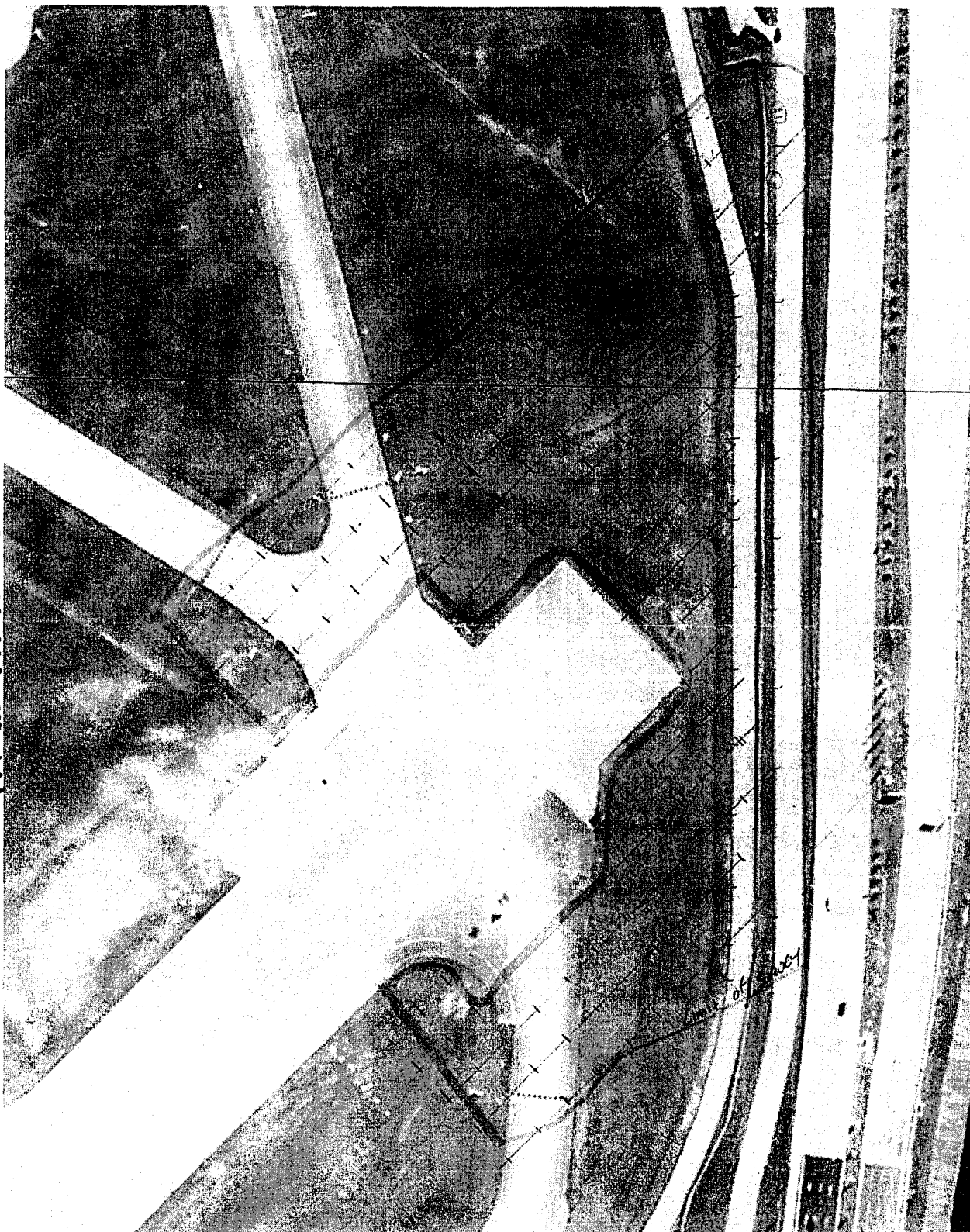
Description:

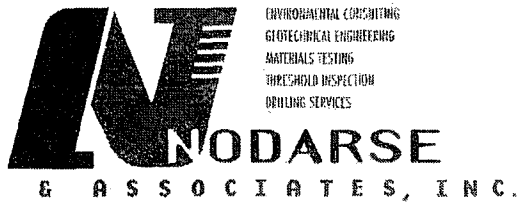
Size:

Date of Proposal: June 9, 2009

TASK	2 MAN FIELD	CADD TECH	SURVEY TECH	PLS	COMMENTS
Horizontal & Vertical Project Control Network	2		2	.5	Extend Horizontal control to area
Topographic Survey	6		2	.5	All above ground features
Cross Sections	14		3	1	Topo and cross sections within 250' of runway - cross sections at 25' grid on paved areas. Locate all above ground features.
Drawing		6	3	1	Prepare survey & create tin file
Total Hours	22	6	10	3	
Rate/Hour	\$115.00	\$80.00	\$85.00	\$125.00	
Sub-total	\$2,530.00	\$480.00	\$850.00	\$375.00	
Total Price	\$4,235.00				

Attachment B-2





June 4, 2009
N&A Project No. 05-08-0293-105

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

**RE: Proposal for Geotechnical Services
Palm Beach International Airport
Reconstruction End of Runway 13/31**

Dear Mr. Mohammadi:

As requested, Nodarse & Associates, Inc. is pleased to submit this proposal to perform the required subsurface exploration and geotechnical services for the reconstruction at the end of runway 13/31. Based on the provided information from the Request for Proposal, we understand that it is proposed to construct a brass pad approach about 240 ft long x 200 feet wide at the end of runway 13/31. The geotechnical field work will require (1) one night of runway 13/31 being closed from 11pm to 5am.

SCOPE OF SERVICES:

- Site Reconnaissance, and coordination with PBIA officials before drilling,
- Mobilize drill rig equipment and crew to the project site,
- Mobilize coring equipment,
- Perform a total of two (2) pavement cores including surface course and base material and two (2) 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.
- Pick up bulk soil sample for CBR test,
- 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, and organic content. Laboratory will include CBR and Proctor tests,
- Draft the soil boring and coring logs in AutoCAD,

The LPA Group: Runway 13/31
Nodarse & Associates, Inc., 05-08-0293-105
2


- 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


Fee estimate for the above mentioned scope on this project is **\$5,070.00**. The rates from the "2009 fee schedule" are used and it is assumed that all the field work will be performed in daytime during regular working hours. 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 Zaghloul, E.I.
Project Engineer
ramziz@nodarse.com

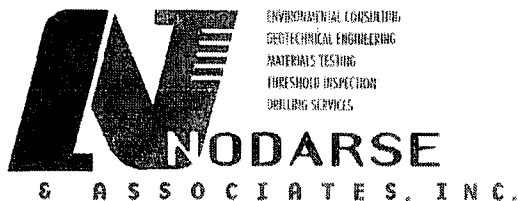

Fouad Masri, P.E.
Senior Vice President
fouadm@nodarse.com

Attachment: Fee Estimate Breakdown

The LPA Group: Runway 13/31
 Nodarse & Associates, Inc., 05-08-0293-105
 3

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	350.00	\$350.00
2.	Site Reconnaissance: Utility Coordination with PBIA before drilling. (Project Engineer)	3	Hr.	90.00	\$360.00
3.	Standard Penetration Test (SPT) Soil borings 2 @ 10 feet deep	20	L.F	14.00	\$280.00
4.	Grout Boreholes (4-inch)	20	L.F.	5.00	\$100.00
5.	Coring Equipment Mobilization	1	Each	300.00	\$300.00
6.	Pavement Cores	2	Each	300.00	\$600.00
7.	Sampling for laboratory testing (CBR and Proctor Tests)	1	Hr.	55.00	\$55.00
8.	Standby time for the drilling crew; 2-person crew	4	Hr.	150.00	\$ 600.00
Subtotal					\$2,645.00
Laboratory Services					
9.	Soil Visual classification (Project Eng.)	2	Hr.	90.00	\$180.00
10.	Moisture Content	3	Test	15.00	\$45.00
11.	Grain Size Analysis- Full Gradation	3	Test	75.00	\$225.00
12.	Organic Content Test	1	Test	40.00	\$40.00
13.	CBR Tests	1	Test	350.00	\$350.00
14.	Core Thickness determination (includes photographic doc.)	2	Per Core	75.00	\$150.00
Subtotal					\$990.00
Engineering and Technical Services					
15.	Principal Engineer	0.5	Hr.	150.00	\$75.00
16.	Senior Project Manager	3	Hr.	120.00	\$360.00
17.	Project Engineer	10	Hr.	90.00	\$900.00
18.	CADD Operator	2	Hr.	50.00	\$100.00
Subtotal					\$1,435.00
Total Fee Estimate					\$ 5,070.00



June 4, 2009
N&A Project No. 05-08-0293-208

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
Reconstruction at End of Runway 13/31
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.
- Obtain asphaltic concrete sample for laboratory bitumen content, stability and gradation.

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
GAINESVILLE TALLAHASSEE	JACKSONVILLE TAMPA	LAKELAND WEST PALM BEACH	MIAMI	ORMOND BEACH WINTER PARK		

LPA Group
 N&A Project No. 05-08-0293-208
 Page 2 of 4

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

\$ 3,000.00

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.

LPA Group
 N&A Project No. 05-08-0293-208
 Page 3 of 4

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.

*LPA Group
N&A Project No. 05-08-0293-208
Page 4 of 4*

CLOSING

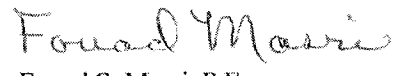
We trust that this proposal adequately and effectively addresses all of the necessary elements of your required scope of work. We appreciate your consideration of N&A for this exciting project and look forward to assisting you on this and future projects. Should you have any questions concerning this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

Sincerely,

NODARSE & ASSOCIATES, INC.



Ritu Nulkar, E.I.
Project Engineer



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

ENGINEERED ARRESTING SYSTEMS CORPORATION

AEROSAFETY & TECHNOLOGY
Emergency Arresting Systems



August 24, 2009

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

Attn: Richard Osborne, Aviation Planner
Subject Airport: Palm Beach International (PBI) Airport
Subject: RWY 13 Departure End – Runway Safety Area - EMAS

Dear Richard;

Engineered Arresting Systems Corporation (ESCO) is pleased to provide the following proposal for design of an Engineered Material Arresting System (EMAS) at the subject airport. Our total fee for design and support of EMAS is \$ 125,000.00.

Attached please find Exhibit A, which details the EMAS product design services to be provided and Exhibit B, which contains the breakdown on our design fee. As detailed in Exhibit B, a Performance Modeling fee is separated from the Design Support fee for the project. The Performance Modeling Fee covers the development, maintenance, and continued R&D associated with ESCO's proprietary, FAA-validated computer model (including costs associated with obtaining and using manufacturer's proprietary aircraft data), which allows us to predict aircraft performances under varying scenarios.

We look forward to working with you on the proposed effort. If you have any questions, or need any additional information, please do not hesitate to contact me.

Respectfully yours,

A handwritten signature in dark ink, appearing to read "David Heald". The signature is fluid and cursive, with the first name "David" being more prominent than the last name "Heald".

David Heald, C.M.
Regional Director - EMAS
Tel: 1.856.241.8620, Extension 451
Email: david.heald@zodiacaerospace.com

ENGINEERED ARRESTING SYSTEMS CORPORATION
2239 High Hill Road, Logan Township, NJ 08085 – USA. Tel: +856 241 8620 – Fax: +856 241 8621 – www.zodiacaerospace.com

ENGINEERED ARRESTING SYSTEMS CORPORATION

AEROSAFETY & TECHNOLOGY
Emergency Arresting Systems



EXHIBIT A

Project Description:

Design of Engineered Material Arresting System(s) for: Palm Beach International Airport

Runway Safety Area(s) – Runway 13 Departure End

Design Services:

The following work tasks will be accomplished by Engineered Arresting Systems Corporation (the CONSULTANT) in support of the EMAS installation design described in the project description. All work of the CONSULTANT will be done as a subordinate of The LPA Group Inc. (the ENGINEER), who will be responsible for overall project design and for supervision of the CONSULTANT. All work of the CONSULTANT will be performed by regular, full-time employees of ESCO, who perform services solely for ESCO or its affiliates. The CONSULTANT will provide Professional Engineering Signature/Certification of all pertinent EMAS documents and drawings generated by the CONSULTANT, including design reports, project drawings, statements of work, and/or specifications as applicable. Professional Engineering Certification will be for the State of Pennsylvania.

I-B Arrestor Bed Design

The CONSULTANT will:

- 1.1 Attend meetings and conferences as may be necessary to obtain and supply information and coordination and/or resolve any design matters or questions.
- 1.2 Work with the ENGINEER and the Airport Authority to define the critical aircraft for the EMAS based on data provided by Airport Authority and/or developed from other sources.
- 1.3 Conduct performance modeling to evaluate the arrestor bed configuration for the Project. This will be accomplished through use of ESCO's proprietary computer model. Design will be in accordance with FAA Advisory Circular AC 150/5220-22a, Engineered Materials Arresting System (EMAS).
- 1.4 Provide detailed product installation requirements and guidance to support the ENGINEER in preparation of detailed construction drawings (drawings to be prepared by the ENGINEER). Information will include longitudinal and side slope requirements for EMAS support pavement, and details of debris deflector, concrete foundation for debris deflector, requirements for pavement ramping, arrestor bed siting, block layout, and block profile.
- 1.5 Review detailed construction drawings and provides comments and recommendations to ensure EMAS product requirements have been met.

ENGINEERED ARRESTING SYSTEMS CORPORATION

AEROSAFETY & TECHNOLOGY
Emergency Arresting Systems



- 1.6 Provide results of computer modeling. Aircraft runway exit speed performance of selected aircraft will be provided by CONSULTANT to the ENGINEER without restriction and included in an EMAS Design Report. Due to the proprietary nature of ESCO's computer model and related product design methods, production process and product testing method, proprietary design information and computer model calculations will remain the exclusive proprietary property of ESCO and be retained by ESCO and not disclosed to the ENGINEER.
- 1.7 Provide a preliminary performance modeling design report as set forth in Item 1.2. Report will be finalized when all preliminary engineering drawings are made available to CONSULTANT.

TERMS AND CONDITIONS:

1. Payment Terms are: Net 30 Days
2. Services performed by the Parties will be conducted in a manner consistent with that level of care and skill ordinarily exercised by other members of the engineering profession currently practicing under similar conditions subject to the time limits and financial and physical constraints applicable to the services.
3. No Warranty, expressed or implied, is made.

ENGINEERED ARRESTING
SYSTEMS CORPORATION

AEROSAFETY & TECHNOLOGY
Emergency Arresting Systems



EXHIBIT B - COMPENSATION

1-C	Initial and Preliminary EMAS Arrestor Bed Design	
	Performance Modeling Lump Sum Fee	\$ 75,000
	Preliminary Design Support Lump Sum Fee	<u>\$ 30,000</u>
	Subtotal Initial and Preliminary Design	\$ 105,000
	<i>Submittal of Preliminary Design Report will complete this Phase</i>	
2-C	Final EMAS Arrestor Bed Design Lump Sum Fee	<u>\$ 20,000</u>
	Submittal of Preliminary Design Report will complete this Phase	<u></u>
	TOTAL FOR ESCO SERVICES	\$ 125,000

Fees stated are exclusive of sales, use or any similar or equivalent local taxes. This proposal is Firm-Fixed Price and valid for 90 days from the date of the offer (offer date: August 24, 2009).

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport PBI Runway 13-31 RSA Improvements	PROJECT NO:	Task I-03-PBI-L-032
CONSULTANT:	<u>THE LPA GROUP INCORPORATED</u>	PHONE NO.:	<u>813.889.3892</u>
CONTACT:	<u>Mark Kistler</u>	FAX NO:	<u>813.889.3893</u>
DATE:	<u>September 2009</u>	DEPARTMENT:	<u>Airports</u>

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, Ste 100 Boca Raton, Florida 33428 (561) 451-9165	Airfield Electrical/NAVAIDS Engineering	\$	\$12,405.00	\$	\$
Brown & Phillips, Inc. 901 Northpoint Pkwy., Ste 119 West Palm Beach, Florida 33407 (561) 615-3988	Survey	\$4,235.00	\$	\$	\$
Nodarse & Associates, Inc. 2448 Metrocentre Blvd. West Palm Beach, Florida 33407 (561) 616-0870	Geotechnical Engineering / Materials Testing	\$	\$	\$8,070.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$4,235.00	\$12,405.00	\$8,070.00	\$

Total Fee:	<u>\$521,796.00</u>	Total % of DBE Participation:	<u>4.735%</u>
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**EXHIBIT B
SCOPE OF SERVICES**

Task I-03-PBI-L-033

**PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
PARKING GARAGE REHABILITATION
CONSTRUCTION ADMINISTRATION SERVICES**

Project Description

The Palm Beach County Department of Airports (COUNTY) intends to rehabilitate structural and architectural elements of the Long Term (Old) and Short Term Parking Garages and the adjoining bridge and ramp structures adjacent to and part of the Airport Terminal Building.

THE LPA GROUP INCORPORATED (CONSULTANT) will perform the following Construction Administration Services for this project. Compensation for this work will be based on the Hour and Fee Estimate provided in Exhibit B.

Phase 5: Construction Administration Services

CONSULTANT will provide construction administration 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.

Other Provisions

- a) The COUNTY will provide the CONSULTANT and their SUBCONSULTANTS access to the site and all available information pertinent to this project. The COUNTY will also provide CONSULTANT all criteria and requirements, including all design and construction standards, which the COUNTY will require to be utilized for the construction of this project.
- b) The COUNTY will provide access to pertinent information regarding airport property, boundary, easement, right-of-way, and other information necessary for the construction and permitting of the project.

Exhibit B: Hour and Fee Estimate
Palm Beach International Airport
Parking Garage Rehabilitation Construction Admin. Services
Task I-03-PBI-L-033

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 5: Construction Administration (NTE)								
General Coordination with the County		12						12
General Coordination with the Contractor		12						12
Pre-Construction Conference		4		16			2	22
Attend Monthly meetings (9 meetings)		18		9				27
Site Visits - Bi-monthly		36						36
Review Shop Drawings/Submittals			4	40			10	54
Review Pay Applications, Payrolls, DBE Reports, EEO Reports		18					5	23
Review Test Results			1	6				7
Substantial Completion Visit & Punchlist		8		16		2	4	30
Review and Respond to RFI's		8		30	8	8	4	58
Final Inspection		4						4
Review/ Submit Record Drawings			4	8	24	40	2	78
Review Contractor's Closeout Documents		2	2	4			2	10
Submittal of Final Acceptance		4	2	4			2	12
Phase 5: Construction Administration (NTE) Hours	0	126	13	133	32	50	31	385
Phase 5: Construction Administration (NTE) Fee	\$0	\$21,546	\$2,223	\$19,152	\$3,456	\$4,100	\$2,356	\$52,833
Professional Design Fees								\$52,833.00
Expenses (LS)								\$7,925.00
TOTAL NOT TO EXCEED AMOUNT:								\$60,758.00

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport PARKING GARAGE REHABILITATION CONSTRUCTION ADMIN. SERVICES	PROJECT NO:	Task I-03-PBI-L-033
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Ryan Forney	FAX NO:	813.889.3893
DATE:	September 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)
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$	\$

Total Fee:	\$60,758.00	Total % of DBE Participation:	0%
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**EXHIBIT C
SCOPE OF SERVICES**

Task No. I-03-PBI-L-034

**PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
MAIN TERMINAL DUCTWORK PROJECT**

PROJECT DESCRIPTION

Palm Beach County (COUNTY) intends to make improvements to Palm Beach International Airport's (Airport) Main Terminal by further studying and addressing an on-going Condensation problem along the HVAC Duct that runs over the Second Level Concessions area Main Corridor, above the linear paneled lay-in ceiling system.

THE LPA GROUP INCORPORATED (CONSULTANT) will perform the following Basic Services for this project. Compensation for this work will be based on the Hour and Fee Estimate provided in Exhibit C Hour and Fee Estimate.

Phase 1A – Program Verification & Preliminary Findings Report

Summary of Services: *The following services will be performed in Phase 1A:*

- 1) General project coordination and formulation.
- 2) Review existing drawing records and Perform Field Verifications.
- 3) Coordination meeting with Airport Staff and Sub-Consultants.
- 4) Coordination and Review of Sub-Consultants Findings/Report. Submit preliminary report to Airport for review.
- 5) Preparation of Base Drawings (Reflected Ceiling Plans on autocadd)

Assumptions:

- 1) *The Airport will provide all available reports, drawings and other data in its possession in regard to the existing building.*
- 2) *The verification process will include one (1) on-site visit for coordination with staff.*

Deliverables: *Three (3) copies of the Preliminary Findings Report will be submitted to the COUNTY for review and approval.*

Phase 1B – Final Report & Plan of Action

Summary of Services: *The following services will be performed in Phase 1B:*

- 1) Submit Final Findings Report to Airport. Prepare and submit Project Schedules and

- Construction Cost Estimates based on options in the report.
- 2) THE CONSULTANT shall review with the COUNTY preliminary approaches to renovate and construct the Project based on report submitted in Phase 1A.
 - 3) The COUNTY shall decide and direct the CONSULTANT to follow one (1) option in the report.

Note: A new scope and fee proposal will be submitted under a separate Task (or CSA) at the conclusion of Phase 1B for CONSULTANT'S services for the option decided upon by the COUNTY.

Deliverables (Phase 1B): *Three (3) copies of final report Project Schedule and Construction Cost Estimate.*

June 24, 2009

Mr. Thomas Coco, R.A.
The LPA Group, Inc.
2000 Palm Beach Lakes Blvd., Suite 600
West Palm Beach, FL 33409

Re: PBIA Duct Condensation Evaluation
Mechanical/Electrical Engineering Services Proposal

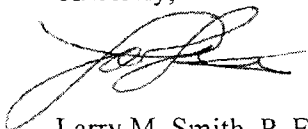
Dear Tom:

Smith Engineering Consultants, Inc. (SEC) is pleased to provide this proposal for the above referenced project. We propose to provide the following scope of services:

1. Initial site visit and review of record drawings.
2. Analyze the possible causes and potential solutions for the existing duct condensation problem.
3. Attend one (1) coordination meeting with The LPA Group.
4. Provide a letter report outlining our findings and recommendations, and their estimated construction costs.
5. Attend up to two (2) review meetings with Palm Beach County to discuss the report.

Our lump sum fee to provide the services described above is \$9,000. Thank you for using Smith Engineering Consultants as the source for these engineering services. We look forward to working with you on this project.

Sincerely,



Larry M. Smith, P. E.
President

Manhour Fee Estimate (PBC DOA Terminal Duct Condensation Study)

Attachment 1

(SEC Proposal Dated June 24, 2009)

Task	Principal	Engineer	Assistant Engineer	CADD Designer	Clerical
	\$150/ Hr.	\$125/ Hr.	\$95/ Hr.	\$65/ Hr.	\$45/ Hr.
1. Initial Site Visit and Record Drawing Review	6	4			
2. Analyze Causes and Solutions	12	8			
3. Coordination Meeting with LPA Group	2	2			
4. Letter Report and Cost Estimates	12	10			
5. Two (2) Meetings with PBC	8				
Sub-Totals	\$6,000	\$3,000	\$0	\$0	\$0
Total =					\$9,000

Exhibit C : Hour and Fee Estimate									
Task No. I-03-PBI-L-034									
Palm Beach International Airport									
PBI Main Terminal Ductwork Project									
Item/Task Description	Principal	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 1A – Program Verification & Preliminary Findings Report									
General project coordination and formulation				4	8				12
Review Existing Drawings Records/ Field Visits and verification.				0	10				10
Coordination meetings with Airport Staff and SUBCONSULTANTS.				4	4				8
Coordination and Review of Sub-Consultants Findings/ Report				4	10				14
Preparation of Base Drawings (Reflected Ceiling Plans on autocadd)					8		8		16
Phase 1A – Program Verification & Preliminary Findings Report Hours	0	0	0	12	40	0	8	0	60
Phase 1A – Program Verification & Preliminary Findings Report Fee	\$0	\$0	\$0	\$2,052	\$5,760	\$0	\$656	\$0	\$8,468
Phase 1B – Final Report & Plan of Action									
Submit Final report. Prepare and submit Project Schedules and Construction Cost Estimates based on options in the report.				2	6			2	10
Review with County preliminary approaches from Report				4	4				8
Phase 1B- Final Report & Plan of Action Hours	0	0	0	6	10	0	0	2	18
Phase 1B- Final Report & Plan of Action Fee	\$0	\$0	\$0	\$1,026	\$1,440	\$0	\$0	\$152	\$2,618
Labor Totals									
Total Estimated Hours:	0	0	0	18	50	0	8	2	78
Total Estimated Labor Costs:	\$0	\$0	\$0	\$3,078	\$7,200	\$0	\$656	\$152	\$11,086.00
Subconsultants									
Smith Engineering (LS)									\$9,000.00
Subconsultant Procurement and Management (LS)									\$450.00
Expenses									
Lump Sum Expenses									\$300.00
TOTAL LUMP SUM AMOUNT:									\$20,836.00
Note: This fee proposal only includes Phase 1a & 1b. The remaining phases will have a separate fee proposal once the preliminary approaches to renovate and construction of the Project has been aged to.									

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport Main Terminal Ductwork Project	PROJECT NO:	Task I-03-PBI-L-034
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Fernando Prieto	FAX NO:	813.889.3893
DATE:	September 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)
Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Blvd., Ste 312 West Palm Beach, Florida 33409 (561) 616-3911	Electrical & mechanical/Plumbing Engineering	\$		\$	\$9,000.00
			\$	\$	\$
		\$	\$		\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$	\$9,000.00

Total Fee:	\$20,836.00	Total % of DBE Participation:	43.19%
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EXHIBIT D
SCOPE OF SERVICES

Task No. I-03-PHK-L-035

PALM BEACH COUNTY DEPARTMENT OF AIRPORT
PALM BEACH COUNTY GLADES AIRPORT (PAHOKEE)
REBUILT FBO TERMINAL/MAINTENANCE HANGAR
REVISE PERMITTED CONSTRUCTION DOCUMENTS AND ADDITIONAL
CONSTRUCTION ADMINISTRATION SERVICES

The Palm Beach County Board of Commissioners (COUNTY), through the Department of Airports, intends to make improvements to the Palm Beach County Glades Airport (Pahokee) by rebuilding the Hurricane damaged Existing FBO Terminal/Maintenance Hangar.

BACKGROUND

The Project has gone through major revisions to the Scope and type of Construction Contract, from adding an automatic foam sprinkler system and going from a Design/Build to CMR contract. Eventually, at the start of the Construction Administration Phase of this Project, and through the progress of this Phase, there have been several instances where the COUNTY has requested the CONSULTANT to perform Additional Services. These Services were beyond the previous initial Contract and amended Construction Services, the following is a summary;

1. The COUNTY requested that the CONSULTANT and Electrical SUBCONSULTANT address several Site Electrical, Civil and Plumbing Design issues which were not addressed/coordinated in previous Construction Contract(s) for the rebuilding of the FBO/Maintenance Hangar and T-Hangars.
2. The CONSULTANT and Structural SUBCONSULTANT have expended additional time to process multiple reviews of several important submittals; Wood Trusses, Metal Building, Slab/Grade Beam/Wall/Beam Steel Reinforcing, Hydro swing Door, etc.
3. The COUNTY requested that the CONSULTANT and Structural SUBCONSULTANT coordinate with the Palm Beach County Building Department in the Local Product Approval process for the Hydro Swing Hangar Doors.

(The Florida Building Code requires all Exterior Components of a Building to have been previously approved by the State for Wind Loads to meet the Design Criteria's within the Code. Due to the size and the various conditions of these doors, a Local Product is required.)

4. During the initial Demolition Phase of the Project, 12' long pilings were uncovered in the field at an area between the FBO Office and Hangar Bay. The Geotechnical Report requires pilings with sufficient length (25' long

minimum length) to provide the proper embedment into solid rock, so as to meet design Dead and Uplift Loads as established by the Permitted Construction Documents (CD's). This unforeseen condition will require redesigning of the piling layout and foundation.

5. During the initial Formwork Layout of the Building, after the slab and grade beams had been completely demolished, it was determined that several of the new pilings were installed in the incorrect locations and the new orientation of the Building did not match the previous Existing Building layout. The mis-alignment was most pronounced in the New Porch area where the new pilings were installed too far to the west, thus not in-line with the designed grade beams along the western-most edge of the New Porch, as per the Construction Documents (CD's). This condition will require redesigning of the piling layout and foundation.
6. During the forming/preparation of the foundation, the General Contractor requested that the Construction Documents (CD's) be modified, the Foundation/Slab be poured in two separate pours as an alternate means and methods, requiring additional redesigning. This modification was agreed upon by the COUNTY.
7. The COUNTY requested that the CONSULTANT add a concrete walk around the New Porch, in lieu of asphalt to provide a more durable and stable surface, to the Project.

TASK DESCRIPTION

Revise Permitted Construction Documents (CD's) and provide Extended Construction Administration by performing the following Additional Services. Compensation for this work is based on the Hour and Fee Estimate provided in Exhibit D.

Phase 2B– Revise Permitted Construction Documents (CD's)

The following tasks will be performed in Phase 2B:

- 1) Site verification of existing conditions, in particular the existing pilings, site utilities, etc.,
- 2) Site verification of the Building Layout in relationship to the new installed pilings.
- 3) Coordinate the modifications of the Construction Documents (CD's) with Airport Staff, the SUBCONSULTANTS, plus the CMR and their SUBCONTRACTORS.
- 4) Coordination meetings with Airport Staff and SUBCONSULTANTS to determine additional site electrical work and the routing of new services to both the FBO/Hangar and the T-Hangar being constructed by others.
- 5) Coordination meetings with CMR, SUBCONSULTANTS and SUBCONTRACTORS to determine best routing of Site Utilities.
- 6) Revise Permitted Construction Documents (CD's) to address Field Conditions and Owner's Revisions, and coordinate re-submittals.
- 7) Assist in the preparation of New Site Work Construction Documents (CD's) to be used by FP & L and the CMR, along with the installation of a new Septic System.

Assumptions:

- 1) The Airport will provide all available reports, drawings and other data in its possession in regard to the existing building and site.
- 2) The verification process includes one (1) on-site visit for coordination with staff.

Deliverables: Three (3) signed and sealed copies of the Revised Construction Documents (CD's) will be submitted to the COUNTY for review and approval.

Phase 2C – Civil Design (Repackage Design)

The following tasks will be performed in Phase 2C:

- 1) Review subconsultant septic system design:
CONSULTANT will review completed septic system designs provided by the SUBCONTRACTOR, and provide written comments as needed. The review will encompass the following:
 - ✓ Septic tank capacity and requirements
 - ✓ Pump calculations and documentation
 - ✓ Drain field sizing and percolation data
 - ✓ Trench, cover, and water table data
- 2) Review / Provide Utility Clearance Data:
CONSULTANT will review completed designs to ensure all utilities have adequate vertical and horizontal clearance. Any comments will be provided in written form with a redline set of plans. The review will encompass the following:
 - ✓ Waterline separation
 - ✓ Storm Sewer separation
 - ✓ Electrical Component separation
 - ✓ Sanitary Sewer separation
- 3) Site Visit Prior to Drainage Design:
CONSULTANT (Orlando Office) will perform one (1) site visit to visually inspect the existing drainage patterns of the site. This is necessary to perform drainage designs, keep existing flow patterns intact, and prevent inadvertent ponding due to re-grading.
- 4) Drainage Plan: Drain Field Immediate Area:
CONSULTANT will prepare a grading plan for the immediate area around the proposed drain field. This will ensure that all storm water runoff is properly conveyed to the storm water retention facilities for treatment. The design will be prepared to scale in AutoCAD format, and will contain at a minimum:
 - ✓ Existing Drainage patterns delineated from the site visit and topography received from a licensed Florida surveyor

- ✓ Grading Plan with spot elevations and flow arrows depicting proposed drainage patterns
 - ✓ Erosion Control Plan with all applicable notes and details
- 5) Utilities: Sanitary from Building to Septic System:
CONSULTANT will design the sanitary sewer system extending from the proposed building to the new septic tank. The design will be prepared to scale in AutoCAD format, and will contain at a minimum:
- ✓ Sanitary Sewer Utility Plan
 - ✓ Horizontal dimensions to ensure adequate separation from other utilities
 - ✓ Pipe sizes, pipe lengths, invert elevations, details, and all applicable notes as required by State and Local Governments
- 6) Quality Assurance Review:
CONSULTANT will perform an in-house quality assurance review to assure plans and designs meet the required standards.

Phase 5 – Construction Administration Service

Beyond the additional general services, the services in this phase are a result of finding unforeseen conditions, in relationship to the existing pilings, and the implementation of extended Site Work to the original Scope of Work. The CONSULTANT will provide the following services in this Phase 5:

- 1) Site verification of existing conditions, in particular the existing pilings, site utilities, etc. Oversee the Testing of the Pilings to determine depths (12' long existing pilings unearthed below the FBO Area).
- 2) Extended numbers of Shop Drawing reviews; Slab/Walls/Beams Reinforcing, Wood Trusses, Metal Building and Hydro swing multiple submittals.
- 3) Site verification of the Building Layout in relationship to the existing and new installed pilings. Coordinate with Airport Staff, the SUBCONSULTANTS, plus the CMR and their SUBCONTRACTORS.
- 4) Coordination meetings with Airport Staff and SUBCONSULTANTS to incorporate COUNTY requested revisions, adding of concrete walk around FBO Porch and lowering of Hangar bay slab to reduce asphalt overpayment at the Apron.
- 5) Coordination meetings with Airport Staff and SUBCONSULTANTS to determine additional site electrical work and the routing of new services to both the FBO/Hangar and the T-Hangar being constructed by others.
- 6) Coordination meetings with CMR, SUBCONSULTANTS and SUBCONTRACTORS to determine best routing of Site Utilities.
- 7) Coordinate with CMR and the installation of FP & L services and with the installation of a new Septic System (Not part of the CONSULTANTS' original Scope of Work)
- 8) Standard Civil Construction Phase Services will be performed in accordance with the Master Agreement. In addition, a contract certification phase for the utilities portion will be included. This phase is limited to services during

construction necessary for the Engineer of Record to close out the project with jurisdictional agencies. It includes a minimum number of required inspections for utility tie-ins, force and water mains pressure test, lift station start-up, punch list preparation, punch list verification, shop drawings review, opinion on CCP's, requests for information and pertinent certifications. (Reference Exhibit B)

CONSULTANT will provide additional Construction Administration 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 D, Man Hour and Fee Estimate.

Other Provisions

- a) The COUNTY will provide the CONSULTANT and their SUBCONSULTANTS access to the site and all available information pertinent to this project. The COUNTY will also provide CONSULTANT all criteria and requirements, including all design and construction standards, which the COUNTY will require to be included in the Drawings and Specifications.
- b) The COUNTY will provide access to pertinent information regarding Airport property, boundary, easement, right-of-way and other information necessary for the design and permitting of the project.

Exhibit D : Hour and Fee Estimate
Task No. I-03-PHK-L-035
PALM BEACH COUNTY GLADES AIRPORT (PAHKOOE)
REBUILT FBO TERMINAL/MAINTENANCE HANGAR REVISE PERMITTED DOCS. & ADD'L CONSTRUCTION ADMIN. SERVICE

Item/Task Description	Program Manager	Project Manager	Senior Engineer / Arch / Planner	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 2B: Revise Permitted Construction Documents								
Site Verification & Coordination with Geotechnical & Structural Engineers			2		16			18
Coordinate revisions to Pilings/Foundation Plan			2		16			18
Coordinate the preparation of new Site Electrical Construction Documents			1		16		2	19
Coordinate with County during preparation of Revised CD's			1		8			9
Revise Architectural Construction Documents to address Field Conditions and Owner's Revisions			2		32			34
Coordinate revisions to Design Team Construction Documents to address Field Conditions and Owner's Revisions			1		8			9
Coordinate Permit re-submittals with CMR			1		2			3
Coordinate revised Construction Documents with CMR and Site Sub-contractors			1		8			9
Phase 2B: Revise Permitted Construction Documents Hours	0	0	11	0	106	0	2	119
Phase 2B: Revise Permitted Construction Documents Fee	\$0	\$0	\$1,881	\$0	\$11,448	\$0	\$152	\$13,481
Phase 2C: Civil Design (Repackage Design) (LS)								
Review subconsultant Septic System Design				3				3
Review/Provide Utility clearance Data				4				4
Site Visit Prior to Drainage Design				8				8
Drainage Plan: Drainfield Immediate Area					5	1		6
Utilities: Sanitary from Bldg. to Septic Tank					4	1		5
Quality Assurance Review			2					2
Repackage Design Hours (LS)	0	0	2	15	9	2	0	28
Repackage Design Fee (LS)	\$0	\$0	\$342	\$2,160	\$972	\$164	\$0	\$3,638
Phase 5: Construction Administration Service (LS)								
Phase 5.1: Civil Construction Administration (LS)								
Review Shop Dwgs.				8		4		12
Site Visits			6			8		14
Conference Calls			2	2	2	2	2	10
Review RFI's			4	8	2			14
Project Closeout			8				8	16
Construction Administration Hours (LS)	0	0	20	18	4	14	10	66
Construction Administration Fee (LS)	\$0	\$0	\$3,420	\$2,592	\$432	\$1,148	\$760	\$8,352
Phase 5.2: Additional Construction Administration (LS)								
Additional Coordination with the County			1		32			33
Additional Coordination with the CMR			1		40			41
Coordination with PBC Building Department for Hydroswing Local Product Approval			1		8			9
Additional review time Shop Drawings Re-submittals (Wood trusses, reinforcing & Metal Building)					20		2	22
Coordinate/review Site Electrical Work Shop Drawings & oversee site coordination			2		16			18
Site Verification of installed Pilings/building layout & coordination w/ CMR & engineers					16			16
Site Verification & coordination with Septic and Water utilities					16			16
Phase 5.2: Additional Construction Administration (LS) Hours	0	0	5	0	148	0	2	155
Phase 5.2: Additional Construction Administration (LS) Fee	\$0	\$0	\$855	\$0	\$15,984	\$0	\$152	\$16,991
Labor Totals								
Total Hours:	0	0	38	33	267	16	14	368
Total Consultant Labor Costs:	\$0	\$0	\$6,498	\$4,752	\$28,836	\$1,312	\$1,064	\$42,462.00
Subconsultants								
Botkins Parssi & Associates, Inc. (BP) - Additional Structural Engineering (LS)								\$30,500.00
Smith Consulting - Additional Site Electrical (LS)								\$12,500.00
Subconsultant Procurement and Management								\$2,150
Total Subconsultant Fees								\$45,150.00
Expenses								
Lump Sum Expenses								\$4,273.10
Civil Engineering Expenses								\$600.00
TOTAL LUMP SUM AMOUNT:								\$92,485.10



BOTKIN PARSSI & ASSOCIATES, INC.
CONSULTING ENGINEERS

June 10, 2009

Mr. Fernando R. Prieto, R.A.
The LPA Group, Inc.
2000 Palm Beach Lakes Blvd., Suite 600
West Palm Beach, FL 33409

REGARDING: Rebuild Pahokee Airport FBO/Maintenance Hangar
Additional Design Services and Providing of Construction
Administration Services

PROJECT No.: 06-232

Dear Fernando:

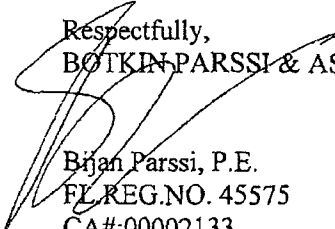
Botkin Parssi & Associates Consulting Engineers is pleased to provide this proposal for the above referenced project. We propose to provide the following scope of services, as requested by the LPA Group, Inc.:

1. Additional Structural Design services as may be needed to be provided during the Construction of the FBO/Maintenance Hangar.
2. Provide Construction Administrative services as may be needed to be provided, such as Shop Drawing reviews, Field Inspections, reviewing of Material Testing reports, responding to RFI's, etc.
3. Attend design/construction/coordination meetings.
4. Provide other Professional services as deemed necessary during the Construction of the Project.

We propose to provide the services described above at our standard hourly rates not to exceed \$30,500.00 without additional authorization. Our office thanks you for this opportunity to provide our Professional Engineering services.

If you require further information or have any questions, please call our office.

Respectfully,
BOTKIN PARSSI & ASSOCIATES, INC.


Brian Parssi, P.E.
FL REG. NO. 45575
CA#: 00002133

6141 Lake Worth Road • Lake Worth • FL 33463-3074 561.965.1957 Fax: 561.965.4308

<http://www.botkinparssi.com>
Page D-7 of 12

Task I-03-PHK-L-035

PHK-Rebuilt FBO Terminal/Maintenance Hangar

September 2009

Botkin Parssi & Associates, Inc., Hour and Fee Estimate				
Task I-03-PHK-L-035				
Palm Beach County Glades Airport (Pahokee)				
Rebuilt FBO Terminal, Maintenance Hangar Construction and Administration Services.				
Item/Task Description	Principal Engineer/Senior Engineer	Engineer	Drafting	Total
2009 Rate	\$185.00	\$100.00	\$65.00	
Phase – Construction Administration				
Meetings at LPA or at Airport	14.5	10		24.5
Site visits	5.5	14.5		20
Multiple review of metal building shop drawings, reanalyze building structure for changes. Coordination with metal building engineers.	7.25	25.5		32.75
Review and approve concrete mix.	1.5			1.5
Review slab reinforcing shop drawings, mark-up plans, prepare letter.	0.5	8.5	3.5	12.5
Multiple review of pile shop drawings, prepare emails, review existing pile survey, coordinate testing of piles.	3.25	10		13.25
Multiple review of truss shop drawings, coordinate with truss engineer, mark up plans.	3.25	18	5	26.25
Review CMU reinforcing shop drawings twice.	1.5	9.5		11
Review concrete mix CMU, lintel shop drawings twice.	2.5			2.5
Multiple reviews for hydro swing door	0.5	3.5	4	8
Revise ADA ramp orientation per Fire Department	0.5	2.5	5	8
Review revise building dimensions in coordination with LPA and metal building shop drawings.	0.5	4.25	5	9.75
Review pile installation survey	0.5			0.5
Respond to RFI's	4.75	17		21.75
Redesign foundation due to field survey and piles not being at correct location.	3.25	18.75	11.25	33.25
Redesign foundation due to incorrect pile installation and add DOA skirt as porch.	7.25	19.5	11.25	38
Initial review of hydro swing shop drawings and meeting with Building Department.	2.5	1		3.5
Total Estimated Hours:	59.5	162.5	45	267
Total Estimated Costs:	\$11,007.50	\$16,250.00	\$2,925.00	\$30,182.50
Expenses				
Lump Sum Expenses				\$317.50
TOTAL LUMP SUM AMOUNT:				\$30,500.00

SEC Smith Engineering Consultants, Inc.

January 9, 2009
(Revised April 15, 2009)

Mr. Fernando R. Prieto, R.A.
The LPA Group, Inc.
2000 Palm Beach Lakes Blvd., Suite 600
West Palm Beach, FL 33409

Re: Pahokee Airport Site Electrical Systems Re-configuration
Electrical Engineering Services Proposal

Dear Fernando:

Smith Engineering Consultants, Inc. (SEC) is pleased to provide this proposal for the above referenced project. We propose to provide the following scope of services:

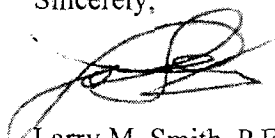
1. Initial site visit and review of electrical record drawings.
2. Coordinate with FPL to provide three-phase power to the site.
3. Electrical design for the re-configuration of the electrical services for the fuel farm, airfield lighting system, and T-hangars. These three (3) services will originate from the FBO/hangar electrical service previously designed. The rotary phase converters at the fuel farm will be removed so that the fuel pumps can be served directly by the correct voltage. The airfield lighting systems will be relocated to the new electrical room, and modified as necessary to accommodate the new voltage. (A separate power feed to the T-Hangars will be coordinated with FPL instead of feeding them from the new electrical room.) Site lighting will be designed for the parking areas throughout the site. Provisions for a portable standby power generator connection will be provided.
4. Other services as requested.
5. Attend design/coordination meetings as necessary.
6. Review the T-hangar electrical service.

SEC will prepare contract documents, suitable for bidding, permit, and construction, including plans and specifications. We propose to furnish AutoCAD drawings, using background plan drawings provided by you as a base.

SEC

We propose to provide the services described above at our standard hourly rates (see attached sheet) ~~not to exceed~~ ^{Lump Sum} \$12,500 without additional authorization. Thank you for using Smith Engineering Consultants as the source for these engineering services.

Sincerely,



Larry M. Smith, P.E.
President

Manhour Fee Estimate (PBC DOA Pahokee FBO Additional Services)
(SEC Proposal Dated April 15, 2009)

Task	Principal	Engineer	Assistant Engineer	CADD Designer	Clerical
	\$150/ Hr.	\$125/ Hr.	\$95/ Hr.	\$65/ Hr.	\$45/ Hr.
Additional Electrical Design					
1. Parking Lot Lighting	4	12		12	
2. Electrical Service Reconfiguration	8	12		8	
Sub-Totals	\$1,800	\$3,000	\$0	\$1,300	\$0
Additional Services					
1. Site Visits/Meetings	8	12			1
2. FPL Coordination	2	6			
3. T-Hangar Electrical Service Review	2	2			
4. Separate Plans into Three Packages	4	8		7	
Sub-Totals	\$2,400	\$3,500	\$0	\$455	\$45
Total =					\$12,500

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME: Palm Beach County Glades Airport (Pahokee)

PROJECT NO: Task I-03-PHK-L-035

Rebuilt FBO Terminal/Maintenance Hangar

Revise Permitted Construction Documents

and Additional Construction Admin Services

CONSULTANT: THE LPA GROUP INCORPORATED

PHONE NO.: 813.889.3892

CONTACT: Fernando Prieto

FAX NO: 813.889.3893

DATE: September 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)
Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Blvd, Ste 312 West Palm Beach, Florida 33409 (561) 616-3911	Electrical and Mechanical/Plumbing Engineering	\$	\$	\$	\$12,500.00
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$	\$12,500.00

Total Fee:	\$92,485.10	Total % of DBE Participation:	13.52%
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**EXHIBIT E
SCOPE OF SERVICES**

TASK I-03-DOA-L-036

**PALM BEACH DEPARTMENT OF AIRPORTS
2009-2010
ENVIRONMENTAL COMPLIANCE
MONITORING, INSPECTION, TRAINING & SWPPP UPDATE SERVICES**

PROJECT DESCRIPTION

The PALM BEACH COUNTY DEPARTMENT OF AIRPORTS (**PBCDOA**) has contracted THE LPA GROUP INCORPORATED (**LPA**) to provide monitoring, water quality sampling, inspection, and training services to comply with various state regulatory compliance permit conditions.

This scope of services has been developed to meet state regulatory permit conditions and will involve the following tasks:

TASK I. GROUNDWATER SAMPLING

Task I-A. Data Collection and Review

LPA and its subconsultant, **C and N Environmental Consultants (C&N)** will request, schedule, and coordinate a review of Palm Beach International Airport's (**PBIA**) existing groundwater sampling program and related permits with **PBCDOA**.

Task I-B. Field Meeting

LPA and **C&N** will coordinate and attend a meeting with **PBCDOA** to discuss the Groundwater Sampling Program and visit each of the fourteen (14) groundwater monitor wells that will be sampled.

Task I-C. Quarterly Sampling and Reports

C & N will collect quarterly water quality samples at fourteen (14) groundwater monitor wells and one (1) surface water station, and analyze them for the required parameters. **C & N** will develop and submit a quarterly report to **LPA** including the following information:

1. Location map of the groundwater monitor wells and surface water sample station;
2. Summary table of laboratory analysis results compared to State Water Quality Standards;
3. Recommended actions or additional sampling, if warranted.

LPA will review the Quarterly Report for accuracy and completeness and provide any comments to **C & N**. **LPA** will submit the Final Quarterly Report to **PBCDOA**.

Task I-D. Client Coordination

LPA will coordinate and schedule the sampling events with PBCDOA.

Assumptions:

- The **PBCDOA** will provide all available project related data, including electronic files, within fourteen (14) calendar days after the Notice to Proceed.
- All of the fourteen (14) groundwater monitor wells are located at PBLA.

Deliverable:

- Four (4) Quarterly Sampling Results Reports

TASK II. SWPPP UPDATE, INSPECTIONS, AND TRAINING

LPA will provide a complete update of the Stormwater Pollution Prevention Plan (SWPPP) for Palm Beach International Airport, North Palm Beach County General Aviation Airport – F45, Palm Beach County Park Airport - Lantana, and Palm Beach County Glades Airport - Pahokee (AIRPORTS) in order to include new information since the last update, perform annual compliance inspections, and develop a training program for employees and tenants. A SWPPP is mandated by the United States Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) as defined in 40 CFR 122.2. NPDES is the national program for issuing, modifying, or revoking permits under Sections 307, 318, 402, and 405 of the Clean Water Act. The Florida Department of Environmental Protection (FDEP) is the permitting PBCDOA for the NPDES Program in Florida.

The AIRPORTS SWPPP last tenant inspection was conducted in early 2009 by others.

Task II-1. In House Data Collection

Upon receipt of the Notice to Proceed, LPA will forward a Request for Information letter to PBCDOA for the following information for each AIRPORT:

- AIRPORT property map;
- Most recent Airport Layout Plan (ALP);
- AIRPORT aerial photograph and contour data (digital file);
- Current contact information for the members of the SWPPP Team;
- Current list of tenants and their contact information;
- List and location of facility changes since the last SWPPP was completed, including available as-built plans;
- Preventive maintenance records;
- Material Safety Data Sheets (MSDS) for all significant materials stored and/or used at the AIRPORT;
- Records for non-stormwater discharge inspections;
- Training, monitoring, and other inspection records;

- Facility Response Plan; and,
- Existing stormwater sampling data.

Inspection Areas List

LPA will review the existing SWPPP drainage map and site plan, the updated ALP, and available as-built plans in order to develop a list of areas that need to be evaluated during the annual compliance inspections.

NPDES Permit Coverage

LPA will coordinate with **PBCDOA** to determine if they would like to cover tenants under their NPDES permit, require them to acquire their own NPDES Multi-Sector General Permit (MSGP), and/or allow the tenant to adopt their AIRPORT SWPPP.

Tenant Questionnaire

LPA will develop a tenant questionnaire to gather the verify the tenant's contact information, identify the type of industrial activities that are currently being conducted in the leasehold, compile a preliminary list of the types of significant materials used and stored in the facility, and compile a preliminary list of best management practices (BMPs) that are currently being employed by the tenant.

Tenant Notification

Prior to the compliance inspection, **LPA** will provide **PBCDOA** with draft the Tenant Notification of Inspection letter, NPDES Compliance Commitment Certificate, and Tenant Questionnaire for approval. **LPA** will distribute the letter for **PBCDOA**.

Assumptions:

- *The **PBCDOA** will provide all available SWPPP data, including electronic files, within 14 calendar days after the Notice to Proceed.*
- *The **PBCDOA** will provide Material Safety Data Sheets (MSDS) of significant materials for **AIRPORT** operated facilities. Significant materials are defined as raw materials; fuels; finished materials such as diesel, gasoline, petroleum products, hydraulic fluid, fertilizer, pesticide, herbicides, sealants, and paint; and waste products that have the potential to be released with stormwater discharges.*
- *The **PBCDOA** will provide the electronic files of the most recent aerial photograph and contour data for the **AIRPORT**.*
- *The **PBCDOA** has updated drainage maps of each **AIRPORT**.*
- ***LPA** will review the as-built plans of new facilities since the last ALP and Drainage Master Plan updates at **PBDOA**'s file room.*
- *There are approximately sixty (60) industrial use tenants at Palm Beach International Airport.*
- *There are three (3) industrial use tenants (Aircraft Maintenance Specialist, Landmark Aviation, and Barry Aviation) at North County General Aviation Airport.*
- *There are approximately fifteen (15) industrial use tenants (Aircoastal Helicopter, Bipe, Candy Apple Yellow, Control Logistics, Florida Aero Paint, Florida Airmotive, Kemper Aviation, Tropic Air Power, Aero Maintenance, Palm Beach Propeller, Palm Beach*

Aircraft Services, Stemman Tool & Die., Teleflex Aero-Hose Technology, and Windward Aviation) at Park Airport (Lantana).

- *There is one (1) industrial use tenant (Pahokee Aviation) at Glades Airport (Pahokee).*

Task II-2. Annual Compliance Inspections

III-2.1 Annual Site Compliance Inspection

LPA will perform the annual site compliance inspection coincidentally with the non-stormwater discharge inspection and tenant inspections for each **AIRPORT**. The annual site compliance inspection will accomplish the following:

- ➔ Field verify identified potential pollutant sources;
- ➔ Identify new potential pollutant sources that resulted from recent **AIRPORT** development projects since the last SWPPP update;
- ➔ Field verify as-built maps of structures and facilities that were constructed after the last drainage master plan and ALP update in order to update the drainage and site map;
- ➔ Photograph and document the location of new and/or modified drainage patterns and structures;
- ➔ Review and photograph current conditions at the **AIRPORT**; and,
- ➔ Verify, photograph, and evaluate current stormwater controls.

II-2.2 Visual Non-stormwater Discharge Inspection

LPA will perform a visual non-stormwater discharge inspection concurrently with the annual compliance inspection, which is the inspection of each outfall for flow, source of runoff, and the determination of whether the discharge is from stormwater runoff or another source that may potentially be an illicit discharge. If an illicit or non-stormwater discharge is identified and further investigation is necessary, these services will be performed under a separate agreement. As part of the drainage structures field inspection, the size and type of material for each structure will be field verified, as well as the direction of stormwater flow. **LPA** will interview **AIRPORT** staff to gather facility and tenant services information. The results of the site evaluation will be used to update the SWPPP for each **AIRPORT**.

II-2.3 Tenant and Building Inspections

LPA will perform Tenant Inspections during the same time period as the site evaluation, which will consist of the inspection of tenant leased hangars and other buildings. The inspections will be conducted to determine if there is industrial activity being performed in the leased area, identify potential sources of stormwater pollutions, compile a list of general significant materials in hangars or buildings, and document the storage locations of these materials and waste disposal methods.

Information collected during the compliance inspections will be used to update the existing SWPPP.

Assumptions:

- *The site evaluation will be performed coincidentally with the non-stormwater discharge and tenant inspections.*

- The **PBCDOA** will notify the tenants of the date of tenant inspection.
- The **PBCDOA** will provide security clearance, escort, and access to all **AIRPORT** facilities, including tenant leased hangars.
- Hangars or buildings that are inaccessible will not be inspected and will be noted as "Inaccessible" in the Inspection Report.
- A drainage engineer will review the as-built maps and field verify the accuracy of the as-built maps during the facility inspections.

Task II-4. Report Preparation

II-4.1 Update SWPPP

LPA will incorporate new information, update, and reformat the **AIRPORT** SWPPP in the following sections:

- Facility description - Site Facility, Tenants, Facility Changes, and Drainage.
- Site Evaluation Results;
- Potential Stormwater Pollutants for each Commercial Tenant;
- Stormwater Management Controls;
- Management Practices; and
- Facility Monitoring plan.

II-4.2 Drainage Map

The drainage maps will be revised to identify industrial use facilities and hangars using a Computer Aided Design and Drafting (CADD) program. Based upon the results of the annual compliance inspection, LPA will update the **AIRPORT** drainage map to include any modifications as a result of the new improvements and submit a DRAFT drainage and site map to the **PBCDOA** for review. The contour map information will be incorporated to support drainage sub-basins and the flow direction of stormwater runoff previously determined in the Stormwater Master Plan Study conducted by others. The updated drainage map will contain the locations of the outfall inspection areas, facility names, contours, and sub-basin limits. Each outfall will be located using a handheld Global Positioning System unit. The diameter and/or dimensions of each outfall will be field verified and recorded. The registered Professional Engineer certification of the Drainage Map will be based upon previous survey data and information provided by the **AIRPORT** that was field verified by LPA.

II-4.3 Facility Layout Plan

Federal regulations require that a site schematic plan be prepared showing the location of all potential sources of stormwater pollution. LPA will use the **AIRPORT** Layout Plan (ALP) as a base to develop the site schematic plan and identify new facilities, new tenants, and new stormwater structures and submit it to the **AIRPORT** for review. Comments received from the **AIRPORT** will be incorporated into the Final Facility Layout Plan.

A registered Professional Engineer (P.E.) will certify the SWPPP.

II-4.4 Inspection Report

LPA will prepare the Inspection Report that will consist of the following:

- Date of inspection.
- Results of the Visual Non-Stormwater Discharge Inspection including photographs and signed inspection forms from the non-stormwater discharge inspection.
- Results of the Tenant Inspection including photographs and signed completed industrial tenant inspection forms, tenant questionnaire, and NPDES compliance certificate for each tenant.
- Results of the facility inspection i.e. fences, waste management, parking areas, runways, taxiways, and aprons.
- A summary of the BMPs currently implemented at the **AIRPORT**.

Assumptions:

1. The **PBCDOA** will provide comments on the Draft SWPPP and Inspection Report to **LPA** within 30 calendar days of receiving the Plan and Report.
2. Two (2) copies each of the Draft and Final SWPPP and Inspection Report will be submitted to the **PBCDOA**.
3. One (1) electronic copy each of the Final SWPPP and Inspection Report in both Microsoft Word and Adobe Acrobat format will be provided to the **PBCDOA**.
4. If necessary, the development of an Emergency Response Plan will be performed under a separate agreement.
5. If necessary, the design of secondary containment structures for refueling trucks will be performed under a separate agreement.
6. If necessary, the design of stormwater management and control structures will be performed under a separate agreement.
7. If necessary, renewal of the **AIRPORT** NPDES Multi-sector General Permit will be performed under a separate agreement.

Deliverable:

- One (1) Compact disc containing both Acrobat files and Microsoft Word files of the Updated SWPPP and Annual Inspection Report for each **AIRPORT**.
- Two (2) copies of the Updated SWPPP and Annual Inspection Report for each **AIRPORT**.

TASK II-5. TRAINING WORKSHOP

LPA will develop a training class tailored to existing conditions at the **AIRPORT** to comply with SWPPP requirements. The purpose of the training class is to educate **AIRPORT** staff and tenants about the **AIRPORT**'s Stormwater Management Pollution Prevention Program. Training materials will include a Microsoft PowerPoint presentation, a training handout, class test questionnaire, and certificate of attendance.

Assumptions:

1. The training class will be held after the annual compliance inspection is completed.
2. The training class will be approximately 1.5 hours long including the test.

3. *Reproduction expense for training class materials is based on the assumption that a maximum number of MS PowerPoint handouts and compact disc would be reproduced for the class based upon the number of industrial use tenants.*

Deliverable:

- *Sixty (60) compact discs containing Acrobat files of the PowerPoint Training Presentation, training booklet, examination form, answer sheet and certificate of attendance for the Palm Beach International Airport.*
- *Five (5) compact discs containing Acrobat files of the PowerPoint Training Presentation, training booklet, examination form, answer sheet and certificate of attendance for the North County General Aviation Airport.*
- *Twenty-eight (28) compact discs containing Acrobat files of the PowerPoint Training Presentation, training booklet, examination form, answer sheet and certificate of attendance for the Park Airport.*
- *Eight (8) compact discs containing Acrobat files of the PowerPoint Training Presentation, training booklet, examination form, answer sheet and certificate of attendance for the Glades Airport.*

TASK III. CONTINGENCY SERVICES

LPA and C & N will provide the following services as needed:

- A. Emergency response and containment including initial containment and evaluation of the spill;
- B. Groundwater monitoring well replacement;
- C. Monitoring of the construction of a fuel system upgrade;
- D. Soil sampling of suspect spills;
- E. Supervision of large scale fuel clean up or remediation;
- F. Maintenance of groundwater wells;
- G. Other tasks as requested that is related to the Task I through III,

Services under this task will be provided based upon the contracted hourly rate plus direct expenses or per event rate.

TASK IV. CLIENT COORDINATION AND MEETING

Client Coordination

LPA will coordinate all project activities with the PBCDOA.

Meeting

LPA will attend a meeting at PBCDOA's request to discuss the details and status of the project.

Project Status Reports

All completed and schedule of project activities for the upcoming month will be included in a monthly project progress report.

SCHEDULE

LPA will initiate project activities immediately upon receipt of authorization to proceed. The anticipated duration of the project is 13 months.

COST ESTIMATE

Exhibit F provides for all manpower and expenses necessary to complete the outlined scope of work. Actual billing will be lump sum based upon a percent complete of the project in accordance with the Master Agreement between the LPA and the PBCDOA.

Exhibit E : Fee Summary
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
Task I-03-DOA-L-036
2009 - 2010 ENVIRONMENTAL MONITORING, INSPECTION, TRAINING SERVICES & SWPP UPDATES

Item/Task Description	Classification								
	Program Manager	Project Manager	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$201.00	\$171.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK I: Groundwater Sampling									
A. Data collection and review			1				4		5
B. Field meeting			8						8
C. Quarterly sampling and report			4		4				8
D. Client coordination			4						4
TASK I: Groundwater Sampling Hours		0	17	0	4	0	4	0	25
TASK I: Groundwater Sampling Fee		\$0	\$2,907	\$0	\$576	\$0	\$328	\$0	\$3,811
TASK II: SWPPP Update, Inspections & Training									
A. Palm Beach International Airport			87	10	39	299	292	0	727
B. North County General Aviation Airport			53	5	30	101	138	0	327
C. Palm Beach County Park Airport (Lantana)			69	5	31	146	147	0	398
D. Palm Beach County Glades Airport			52	5	27	71	109	1	265
TASK II: SWPPP Update, Inspections & Training Hours		0	261	25	127	617	686	1	1717
TASK II: SWPPP Update, Inspections & Training Fee		\$0	\$44,631	\$4,275	\$18,288	\$66,636	\$56,252	\$76	\$190,158
TASK III: Contingency Services			Hourly plus expenses; \$20,000 included in C & N fee						
A. Emergency Spill Response & Containment (\$1800/event)									0
B. Groundwater Monitor Well Replacements									0
C. Fuel System Upgrades									0
D. Soil Sample of Suspect Spills, per Sample (\$480/sample)									0
E. Supervision of Large Scale Fuel Clean Up/Remediation									0
F. Maintenance of Groundwater Wells									0
G. Client Coordination									0
TASK III: Contingency Services Hours		0	0	0	0	0	0	0	0
TASK III: Contingency Services Fee		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TASK IV: Client Coordination and Management									
Client coordination	4	12	16						32
Project status reports	4	18	12						34
TASK IV: Client Coordination and Management Hours	8	30	28	0	0	0	0	0	66
TASK IV: Client Coordination and Management Fee	\$1,608	\$5,130	\$4,788	\$0	\$0	\$0	\$0	\$0	\$11,526
Labor Totals									
Total Estimated Hours:	8	30	306	25	131	617	690	1	1808
Total Estimated Labor Costs:	\$1,608	\$5,130	\$52,326	\$4,275	\$18,864	\$66,636	\$56,580	\$76	\$205,495.00
Subconsultants									
C & N Environmental (N.T.E.)									\$50,825.00
Scheda Ecological Associates									\$23,491.00
Subconsultant Procurement and Management (LS)									\$3,716.00
Expenses									
Expenses									\$12,753
TOTAL NOT TO EXCEED AMOUNT:									\$296,280

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK IIA-1: Data Collection and Review							
Request and review updated tenant and facility list			1		4		5
Request and review maintenance documents			1		4		5
Review existing SWPPP & coordinate files review	1		4		8		13
ALP and stormwater master plan I (print, & mark areas for inspection)		1	1		4		6
Draft inspection notification letter & develop tenant questionnaire	1			2	8		11
Submit notification and acquire approval	1						1
Coordinate and schedule inspection with Client	1						1
Print notification letters and distribute to tenants			0.5	2			2.5
Develop inspection form and inspection areas checklist			1		8		9
TASK IIA-1: Data Collection and Review Hours	4	1	8.5	4	36	0	53.5
TASK IIA-1: Data Collection and Review Fee	\$684	\$171	\$1,224	\$432	\$2,952	\$0	\$5,463
TASK IIA-2: Annual Compliance Inspections							
Task 2.1 Facility and BMPs Inspections							
<i>i. Security measures (gates and fences)</i>				2			2
<i>ii. ARFF</i>				2	2		4
<i>iii. Maintenance and warehouse building</i>				6			6
<i>iv. Ground maintenance and storage buildings</i>				4	4		8
<i>v. Parking areas</i>				2	2		4
<i>vi. Refuse collection areas</i>				2	2		4
<i>vii. Oil-water separators</i>				2	2		4
<i>viii. Fuel farms/tanks (estimated 21 storage tanks onsite)</i>				10	10		20
<i>ix. Significant materials inventory</i>				12	12		24
<i>x. Wash rack</i>				1	1		2
<i>xi. Runways, taxiways, and aprons</i>				2	2		4
<i>xii. Off site influences</i>				2	2		4
<i>xiii. Aircraft Deicing Area</i>				1	1		2
Task 2.2 Non-stormwater discharge inspection							
<i>i. Outfalls (4 total)</i>				4			4
Task 2.3 Drainage Structures/BMPs Inspection							
<i>i. Ditches and swales</i>				8			8
<i>ii. Ponds (12 total)</i>				6			6
<i>iii. As builts field verification</i>			8				
Task 2.4 Industrial Tenant Inspections							
<i>i. Tenant hangars and buildings (up to 60, rental car, airlines, etc.)</i>				36			36
TASK IIA-2: Annual Compliance Inspections Hours	0	0	8	102	40	0	150
TASK IIA-2: Annual Compliance Inspections Fee	\$0	\$0	\$1,152	\$11,016	\$3,280	\$0	\$15,448

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK IIIA-4: Report Preparation							
Task 4.1 Annual Compliance Inspection Report							
a. Draft Inspection Report							
<i>i. Facility and BMPs inspection results (completed forms)</i>			4	12	70		86
<i>ii. Industrial Tenant inspection results (photos, BMPs, etc.)</i>			2	6	54		62
<i>iii. Non-stormwater discharge inspection results</i>			2	6			8
<i>iv. Drainage Structures inspection results</i>					16		16
<i>QC and Reproduction</i>	4			8			12
b. Final Inspection Report							
<i>Address and discuss comments with Client</i>	4			8	2		14
<i>Revise Draft Inspection Report</i>	2			4	12		18
<i>QC & Certification</i>	4	6					10
<i>Reproduction</i>				4			4
Task 4.2 Update SWPPP							0
a. Draft SWPPP							
<i>i. Physical information/description</i>				8			8
<i>ii. SWPPP Team and Tenant List</i>				4	4		8
<i>iii. Tenants/Facility Changes</i>	1			8			9
<i>iv. Stormwater drainage changes</i>	1			6			7
<i>v. Significant materials inventory</i>	1			8	16		25
<i>vi. Potential sources of stormwater contamination</i>	1			2			3
<i>vii. BMPs</i>	2			8			10
<i>viii. Monitoring Plan</i>				4			4
<i>ix. Update inspection forms</i>	1			4			5
<i>x. Procedures for review/modification/certification</i>				6			6
<i>QC & Reproduction</i>	4			4	2		10
b. Drainage map							0
<i>Revise Master drainage map for SWPPP</i>	1	2		6	16		25
c. Facility map							0
<i>Revise ALP for facility map</i>	1			4	8		13
d. Final SWPPP				2			2
<i>i. Review, address, and discuss comments with Client</i>	8			8			16
<i>ii. Revise draft SWPPP</i>	4			16			20
<i>QC & Reproduction</i>	4	1		8			13
Task 4.3 Tenant Compliance Coordination							
<i>i. Industrial Tenant Inspection Results Letters (print & distribute)</i>	4			8	8		20
<i>ii. Industrial Tenants Follow-up and Coordination</i>	8			30			38
<i>iii. Coordinate tenants follow up with PBDOA</i>	16						16
TASK IIIA-4: Report Preparation Hours	71	9	8	192	208	0	488
TASK IIIA-4: Report Preparation Fee	\$12,141	\$1,539	\$1,152	\$20,736	\$17,056	\$0	\$52,624
TASK IIA-5: Annual Training							
a. Training notification letter (print & distribute)			0.5	1			1.5
b. Develop training presentation slides							0
<i>i. Draft slides</i>	1		12				13
<i>ii. Review and coordinate comments</i>	1						1
<i>iii. Final slides</i>			1		4		5
c. Develop forms - attendance, test, answer key, certificate			1		4		5

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
d. Coordinate/schedule training class	1						1
e. Print training materials and create CDs for class	1						1
f. Conduct training class	8						8
TASK IIA-5: Annual Training Hours	12	0	14.5	1	8	0	35.5
TASK IIA-5: Annual Training Fee	\$2,052	\$0	\$2,088	\$108	\$656	\$0	\$4,904
Labor Totals							
Total Estimated Hours:	87	10	39	299	292	0	727
Total Estimated Labor Costs:	\$14,877	\$1,710	\$5,616	\$32,292	\$23,944	\$0	\$78,439.00
Expenses							
Lump Sum Expenses							\$6,705.00
Scheda Ecological Associates							\$13,299.72
TOTAL LUMP SUM AMOUNT:							\$98,443.72

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
NORTH COUNTY GENERAL AVIATION AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior Engineer / Arch / Planner	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK IIB-1: Data Collection and Review							
Request and review updated tenant and facility list			1		1		2
Request and review maintenance documents					1		1
Review existing SWPPP & coordinate files review			2		3		5
ALP and stormwater master plan I (print, & mark areas for inspection)			1		2		3
Draft inspection notification letter & develop tenant questionnaire				1	4		5
Submit notification and acquire approval	1						1
Coordinate and schedule inspection with Client	1						1
Print notification letters and distribute to tenants			0.5				0.5
Develop inspection form and inspection areas checklist			1		3		4
TASK IIB-1: Data Collection and Review Hours	2	0	5.5	1	14	0	22.5
TASK IIB-1: Data Collection and Review Fee	\$342	\$0	\$792	\$108	\$1,148	\$0	\$2,390
TASK IIB-2: Annual Compliance Inspections							
Task 2.1 Facility and BMPs Inspections							
<i>i. Security measures (gates and fences)</i>					1		1
<i>ii. Maintenance and warehouse building</i>					1		1
<i>iii. Ground maintenance and storage buildings</i>					1		1
<i>iv. Parking areas</i>					1		1
<i>v. Refuse collection areas</i>					1		1
<i>vi. Fuel farms/tanks (2 underground storage tanks)</i>					1		1
<i>vii. Significant materials inventory</i>					3		3
<i>viii. Runways, taxiways, and aprons</i>					1		1
<i>ix. Off site influences</i>					1		1
Task 2.2 Non-stormwater discharge inspection							
<i>i. Outfall (1 total)</i>					1		1
Task 2.3 Drainage Structures/BMPs Inspection							
<i>i. Ditches and swales</i>					3		3
<i>ii. Ponds (4 total)</i>					4		4
<i>iii. As built/s field verification</i>			6				
Task 2.4 Industrial Tenant Inspections							
<i>i. Tenant hangars and buildings (up to 5 industrial tenants)</i>					5		5
TASK IIB-2: Annual Compliance Inspections Hours	0	0	6	0	24	0	30
TASK IIB-2: Annual Compliance Inspections Fee	\$0	\$0	\$864	\$0	\$1,968	\$0	\$2,832
TASK IIB-4: Report Preparation							
Task 4.1 Annual Compliance Inspection Report							
a. Draft Inspection Report							
<i>i. Facility and BMPs inspection results (completed forms)</i>			2	4	24		30
<i>ii. Industrial Tenant inspection results (photos, BMPs, etc.)</i>			1	2	20		23
<i>iii. Non-stormwater discharge inspection results</i>			1	3			4
<i>iv. Drainage Structures inspection results</i>					8		8
<i>QC and Reproduction</i>	2			3	6		11
b. Final Inspection Report							
<i>Address and discuss comments with Client</i>	2			8	2		12
<i>Revise Draft Inspection Report</i>	1			4	6		11
<i>QC & Certification</i>	2	2		2			6
<i>Reproduction</i>				2			2

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
NORTH COUNTY GENERAL AVIATION AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior Engineer / Arch / Planner	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Task 4.2 Update SWPPP							
a. Draft SWPPP							
i. Physical information/description				4			4
ii. SWPPP Team and Tenant List				1	2		3
iii. Tenants/Facility Changes	1			4			5
iv. Stormwater drainage changes	1			3			4
v. Significant materials inventory	1			4	8		13
vi. Potential sources of stormwater contamination	1			2			3
vii. BMPs	2			4			6
viii. Monitoring Plan				2			2
ix. Update inspection forms	1			4			5
x. Procedures for review/modification/certification				2			2
QC & Reproduction	2			4	2		8
b. Drainage map							
Revise Master drainage map for SWPPP	1	2		3	8		14
c. Facility map							
Revise ALP for facility map	1			3	6		10
d. Final SWPPP				2			2
i. Review, address, and discuss comments with Client	4			6			10
ii. Revise draft SWPPP	4			8			12
QC & Reproduction	2	1		4			7
Task 4.3 Tenant Compliance Coordination							
i. Industrial Tenant Inspection Results Letters (print & distribute)	3			3			6
ii. Industrial Tenants Follow-up and Coordination	4			8			12
iii. Coordinate tenants follow up with PBDOA	8						8
TASK IIB-4: Report Preparation Hours	43	5	4	99	92	0	243
TASK IIB-4: Report Preparation Fee	\$7,353	\$855	\$576	\$10,692	\$7,544	\$0	\$27,020
TASK IIB-5: Annual Training							
a. Training notification letter (print & distribute)			0.5	1			1.5
b. Develop training presentation slides							
i. Draft slides	1		8				9
ii. Review and coordinate comments	1		4				5
iii. Final slides			1		4		5
c. Develop forms - attendance, test, answer key, certificate			1		4		5
d. Coordinate/schedule training class	1						1
e. Print training materials and create CDs for class	1						1
f. Conduct training class	4						4
TASK IIB-5: Annual Training Hours	8	0	14.5	1	8	0	31.5
TASK IIB-5: Annual Training Fee	\$1,368	\$0	\$2,088	\$108	\$656	\$0	\$4,220
Labor Totals							
Total Estimated Hours:	53	5	30	101	138	0	327
Total Estimated Labor Costs:	\$9,063	\$855	\$4,320	\$10,908	\$11,316	\$0	\$36,462
Expenses							
Lump Sum Expenses							\$1,635.70
Scheda Ecological Associates							\$3,209.00
TOTAL LUMP SUM AMOUNT:							\$41,306.70

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PARK AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK IIC-1: Data Collection and Review							
Request and review updated tenant and facility list			1		2		3
Request and review maintenance documents			1		2		3
Review existing SWPPP & coordinate files review			2		3		5
ALP and stormwater master plan (print, & mark areas for inspection)		1	1		2		4
Draft inspection notification letter & develop tenant questionnaire	1			2	4		7
Submit notification and acquire approval	1						1
Coordinate and schedule inspection with Client	1						1
Print notification letters and distribute to tenants			0.5	1			1.5
Develop inspection form and inspection areas checklist			1		4		5
TASK IIC-1: Data Collection and Review Hours	3	1	6.5	3	17	0	30.5
TASK IIC-1: Data Collection and Review Fee	\$513	\$171	\$936	\$324	\$1,394	\$0	\$3,338
TASK IIC-2: Annual Compliance Inspections							
Task 2.1 Facility and BMPs Inspections							
<i>i. Security measures (gates and fences)</i>					1		1
<i>ii. ARFF</i>					1		1
<i>iii. Ground maintenance and storage buildings</i>					1		1
<i>iv. Parking areas</i>					1		1
<i>v. Refuse collection areas</i>					1		1
<i>vi. Oil-water separators</i>					1		1
<i>vii. Fuel farms/tanks (estimated 4 storage tanks onsite)</i>					4		4
<i>viii. Significant materials inventory</i>					8		8
<i>xi. Runways, taxiways, and aprons</i>					1		1
<i>xii. Off site influences</i>					1		1
Task 2.2 Non-stormwater discharge inspection							
<i>i. Outfalls (4 total)</i>					4		4
Task 2.3 Drainage Structures/BMPs Inspection							
<i>i. Ditches and swales</i>					2		2
<i>ii. Ponds (3 total)</i>					3		3
<i>iii. As built/s field verification</i>			6				
Task 2.4 Industrial Tenant Inspections							
<i>i. Tenant hangars and buildings (up to 15 industrial tenants)</i>				12			12
TASK IIC-2: Annual Compliance Inspections Hours	0	0	6	12	29	0	47
TASK IIC-2: Annual Compliance Inspections Fee	\$0	\$0	\$864	\$1,296	\$2,378	\$0	\$4,538
TASK IIC-4: Report Preparation							
Task 4.1 Annual Compliance Inspection Report							
a. Draft Inspection Report							
<i>i. Facility and BMPs inspection results (completed forms)</i>			2	8	28		38
<i>ii. Industrial Tenant inspection results (photos, BMPs, etc.)</i>			1	6	18		25
<i>iii. Non-stormwater discharge inspection results</i>			1	4			5
<i>iv. Drainage Structures inspection results</i>					4		4
<i>QC and Reproduction</i>	2			2	4		8
b. Final Inspection Report							
<i>Address and discuss comments with Client</i>	3			8	2		13
<i>Revise Draft Inspection Report</i>	2			8	8		18
<i>QC & Certification</i>	2	2					4
<i>Reproduction</i>				2			2

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PARK AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Task 4.2 Update SWPPP							
a. Draft SWPPP							
i. Physical information/description				2			2
ii. SWPPP Team and Tenant List				2	4		6
iii. Tenants/Facility Changes	1			4			5
iv. Stormwater drainage changes	1			2			3
v. Significant materials inventory	1			4	8		13
vi. Potential sources of stormwater contamination	1			2			3
vii. BMPs	2			4			6
viii. Monitoring Plan				2			2
ix. Update inspection forms	1			4			5
x. Procedures for review/modification/certification				2			2
QC & Reproduction	2			4			6
b. Drainage map							
Revise Master drainage map for SWPPP	1	1		4	8		14
c. Facility map							
Revise ALP for facility map	1			4	8		13
d. Final SWPPP				2			2
i. Review, address, and discuss comments with Client	4			8			12
ii. Revise draft SWPPP	4			8			12
QC & Reproduction	4	1		3			8
Task 4.3 Tenant Compliance Coordination							
i. Industrial Tenant Inspection Results Letters (print & distribute)	4			3			7
ii. Industrial Tenants Follow-up and Coordination	8			28			36
iii. Coordinate tenants follow up with PBDOA	14						14
TASK IIC-4: Report Preparation Hours	58	4	4	130	92	0	288
TASK IIC-4: Report Preparation Fee	\$9,918	\$684	\$576	\$14,040	\$7,544	\$0	\$32,762
TASK IIC-5: Annual Training							
a. Training notification letter (print & distribute)			0.5	1			1.5
b. Develop training presentation slides							0
i. Draft slides	1		12				13
ii. Review and coordinate comments	1						1
iii. Final slides			1		4		5
c. Develop forms - attendance, test, answer key, certificate			1		4		5
d. Coordinate/schedule training class	1						1
e. Print training materials and create CDs for class	1				1		2
f. Conduct training class	4						4
TASK IIC-5: Annual Training Hours	8	0	14.5	1	9	0	32.5
TASK IIC-5: Annual Training Fee	\$1,368	\$0	\$2,088	\$108	\$738	\$0	\$4,302
Labor Totals							
Total Estimated Hours:	69	5	31	146	147	0	398
Total Estimated Labor Costs:	\$11,799	\$855	\$4,464	\$15,768	\$12,054	\$0	\$44,940.00
Expenses							
Lump Sum Expenses							\$2,607.50
Scheda Ecological Associates							\$5,975.28
TOTAL LUMP SUM AMOUNT:							\$53,522.78

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
GLADES AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK IIA-1: Data Collection and Review							
Request and review updated tenant and facility list			1		2		3
Request and review maintenance documents			1		2		3
Review existing SWPPP & coordinate files review			2		3		5
ALP and stormwater master plan I (print, & mark areas for inspection)		1	1		3		5
Draft inspection notification letter & develop tenant questionnaire	1			1	4		6
Submit notification and acquire approval	1						1
Coordinate and schedule inspection with Client	1						1
Print notification letters and distribute to tenants			0.5	2			2.5
Develop inspection form and inspection areas checklist			1		3		4
TASK IIA-1: Data Collection and Review Hours	3	1	6.5	3	17	0	30.5
TASK IIA-1: Data Collection and Review Fee	\$513	\$171	\$936	\$324	\$1,394	\$0	\$3,338
TASK IIA-2: Annual Compliance Inspections							
Task 2.1 Facility and BMPs Inspections							
<i>i. Security measures (gates and fences)</i>					1		1
<i>ii. Maintenance building</i>					1		1
<i>iii. Parking areas</i>					1		1
<i>iv. Refuse collection areas</i>					1		1
<i>v. Fuel farms/tanks (4 underground storage tanks onsite)</i>					2		2
<i>vi. Significant materials inventory</i>					6		6
<i>vii. Runways, taxiways, and aprons</i>					1		1
<i>viii. Off site influences</i>					1		1
Task 2.2 Non-stormwater discharge inspection							
<i>i. Outfalls (1 total)</i>					1		1
Task 2.3 Drainage Structures/BMPs Inspection							
<i>i. Ditches and swales</i>					3		3
<i>ii. Ponds (4 total)</i>					4		4
<i>iii. As built/s field verification</i>			6				
Task 2.4 Industrial Tenant Inspections							
<i>i. Tenant hangars and buildings (1 industrial tenant)</i>					4		4
TASK IIA-2: Annual Compliance Inspections Hours	0	0	6	0	26	0	32
TASK IIA-2: Annual Compliance Inspections Fee	\$0	\$0	\$864	\$0	\$2,132	\$0	\$2,996
TASK IIA-4: Report Preparation							
Task 4.1 Annual Compliance Inspection Report							
a. Draft Inspection Report							
<i>i. Facility and BMPs inspection results (completed forms)</i>			2	4	10		16
<i>ii. Industrial Tenant inspection results (photos, BMPs, etc.)</i>			1	3	8		12
<i>iii. Non-stormwater discharge inspection results</i>			1	2			3
<i>iv. Drainage Structures inspection results</i>					6		6
<i>QC and Reproduction</i>	1			1	2		4

Exhibit E : Hour and Fee Estimate
TASK I-03-DOA-L-036
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
GLADES AIRPORT
2009 SWPP PLAN UPDATE, INSPECTIONS, AND TRAINING

Item/Task Description	Classification						
	Senior (Scientist)	Senior (Engineer / Arch / Planner)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate Schedule	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
b. Final Inspection Report							
Address and discuss comments with Client	2			2	2		6
Revise Draft Inspection Report	1			2	4		7
QC & Certification	1	2					3
Reproduction				2			2
Task 4.2 Update SWPPP							0
a. Draft SWPPP							
i. Physical information/description				2			2
ii. SWPPP Team and Tenant List				1	3		4
iii. Tenants/Facility Changes	1			5			6
iv. Stormwater drainage changes	1			1			2
v. Significant materials inventory	1			3	8		12
vi. Potential sources of stormwater contamination	1			3			4
vii. BMPs	2			4			6
viii. Monitoring Plan				2			2
ix. Update inspection forms	1			2			3
x. Procedures for review/modification/certification				1			1
QC & Reproduction	2			2			4
b. Drainage map							0
Revise Master drainage map for SWPPP	1	1		3	8		13
c. Facility map							0
Revise ALP for facility map	1			2	6		9
d. Final SWPPP							0
i. Review, address, and discuss comments with Client	2			4			6
ii. Revise draft SWPPP	4			8			12
QC & Reproduction	3	1		2			6
Task 4.3 Tenant Compliance Coordination							
i. Industrial Tenant Inspection Results Letters (print & distribute)	1			1			2
ii. Industrial Tenants Follow-up and Coordination	5			5			10
iii. Coordinate tenants follow up with PBDOA	10						10
TASK IIA-4: Report Preparation Hours	41	4	4	67	57	0	173
TASK IIA-4: Report Preparation Fee	\$7,011	\$684	\$576	\$7,236	\$4,674	\$0	\$20,181
TASK III-5: Annual Training							
a. Training notification letter (print & distribute)			0.5	1		1	2.5
b. Develop training presentation slides							0
i. Draft slides	1		8				9
ii. Review and coordinate comments	1						1
iii. Final slides			1		4		5
c. Develop forms - attendance, test, answer key, certificate			1		4		5
d. Coordinate/schedule training class	1						1
e. Print training materials and create CDs for class	1				1		2
f. Conduct training class	4						4
TASK III-5: Annual Training Hours	8	0	10.5	1	9	1	29.5
TASK III-5: Annual Training Fee	\$1,368	\$0	\$1,512	\$108	\$738	\$76	\$3,802
Labor Totals							
Total Estimated Hours:	52	5	27	71	109	1	265
Total Estimated Labor Costs:	\$8,892	\$855	\$3,888	\$7,668	\$8,938	\$76	\$30,317.00
Expenses							
Lump Sum Expenses							\$1,805
Scheda Ecological Associates							\$1,007.00
TOTAL LUMP SUM AMOUNT:							\$33,129

C & N ENVIRONMENTAL CONSULTANTS, INC.

612 N. Orange Ave., A-11
Jupiter, Florida 33458
(561) 744-7420
(561) 744-2887 FAX

JOB#: 09-036

PROPOSAL

To: The LPA Group Incorporated
4503 Woodland Corporate Blvd
Suite 400
Tampa, FL 33614
Attn: Mariben Andersen

Phone: (813) 889-3892
Fax: (813) 889-3893
Email: MAndersen@lpagroup.com

From: Cheryl M. Carpenter, President
Project Mgr: Mark Brady, Env. Scientist
Date: September 17, 2009
Project: PBIA Sampling/Monitoring Services

Scope of Work:				
Groundwater sampling compliance monitoring services.				
	Hours/ Units	Rate	Extended Price	Totals

Task 1 Monitoring Orientation

1) Attendance at a kick-off meeting at PBDOA			\$ 720.00	
2) Preliminary site visit of the sample stations			\$ 360.00	

Task 1 Time & Materials Upset Limit Not to Exceed \$ 1,080.00

Task 2 Groundwater Sampling Services

a. Water quality samples of 14 wells; One surface water sample at PBIA's to comply with the Consumptive Use Permit	\$900/event	\$ 3,600.00	
b. Laboratory analyses	\$3336.15/qtr	\$ 13,344.60	
c. Quarterly report preparation (Report of findings & maintenance will be submitted.)	\$3200/rpt	\$ 12,800.00	

Task 2 Time & Materials Upset Limit Not to Exceed \$ 29,744.60

Task 3 Contingency Services

a. Emergency spill response & containment includes evaluation

and initial spill containment \$ 1,800.00

b. Groundwater monitor well replacements	Time & Materials
c. Fuel system upgrades	Time & Materials
d. Soil sampling of suspect spills, per sample	\$480/sample
e. Supervision of large scale fuel clean up/remediation	Time & Materials
f. Maintenance of Groundwater wells	Time & Materials

* Time & Materials See Attached Rate Sheet

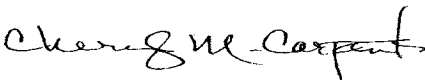
Task 3 Time & Materials Upset Limit Not to Exceed \$ 20,000.00

TOTAL TASK 1, 2, AND 3 TIME & MATERIALS UPSET LIIMIT \$ 50,824.60

AGREED & ACCEPTED:

Authorized Signature
for The LPA Group Incorporated

Date



Cheryl M. Carpenter, President
for C & N Environmental Consultants, Inc.

REV 9-17-09
REV 8-13-09
7/31/2009

Date

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach County Department of Airports Environmental Compliance Monitoring, Inspection, Training & SWPP Updates	PROJECT NO:	Task I-03-DOA-L-036
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mariben Anderson	FAX NO:	813.889.3893
DATE:	September 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)
C&N Environmental Consultants, Inc. 612 N. Orange Avenue, A-11 Jupiter, Florida 33458 (561) 744-7420	Environmental / Monitoring / Groundwater Sampleing	\$	\$	\$	\$50,825.00
Scheda Ecological Associates, Inc. 1486-A Skees Road West palm Beach, Florida 33411 (561) 689-9198	Environmental Services/Natural Resources	\$	\$	\$23,491.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$23,491.00	\$50,825.00

Total Fee:	\$296,280.00	Total % of DBE Participation:	25.08%
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**EXHIBIT F
SCOPE OF SERVICES**

TASK I-03-PBI-L-037

**PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
SUPPLEMENTAL TO HIGH SPEED TAXIWAYS
CONSTRUCTION SERVICES FOR TAXIWAY D**

Project Description

Palm Beach County (COUNTY) intends to build the base bid of the High Speed Exit Taxiways project. The portion included in the base bid was Taxiway "D" and a small section of Taxiway "C" shoulder to the west. THE LPA GROUP INCORPORATED (CONSULTANT) will provide professional engineering construction phase services for this project. Ranger Construction was the low bidder with a price of \$1,683,997.10.

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 J, Man Hour and Fee Estimate. CONSULTANT'S subconsultant, Hillers Electrical Engineering, Inc. shall provide electrical construction administration services as described in their letter of proposal to CONSULTANT dated 9/9/09, attached (Pages F-2 and F-3).

Period of Services:

The CONSULTANT will perform the above services according to the following schedule:

Phase 1 – Construction Phase	155 Calendar Days (80 days actual construction)
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H E E

HILLERS ELECTRICAL ENGINEERING, INC.

September 9, 2009

Mr. Douglas Hambrecht, P.E.
THE LPA GROUP INCORPORATED
1320 Executive Center Drive
Atkins Building, Suite 100
Tallahassee, Florida 32301

Subject: Electrical Construction Administration Services Fee Proposal for the Palm Beach County Department of Airports (DOA) proposed New Exit Taxiway "D" Project. Scope & Fee Based on Calendar Day Construction Period (80 Nights).

Dear Doug:

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

The following items are included in our scope:

- Includes 2 meetings 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 (4 hours per week for 12 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: \$ 11,970.
Not-To-Exceed

Sincerely,



Thomas Doran, Vice-President

PBIA - New Exit Taxiway "D" - Electrical Construction Administration Services HILLERS ELECTRICAL ENGINEERING, INC. SCOPE FEE SUMMARY FEE PROPOSAL Construction Services to LPA - 9-09-09									
	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 2 per month	1	8	8			2	19		\$1,665.00
Shop Drawings Approvals	2	20	8			2	32		\$2,910.00
Periodic Site 4 Visits per Month	4	12	24			8	48		\$4,040.00
Testing of New Systems	2	8	8			2	20		\$1,770.00
Preliminary & Final Inspections	1	4	4			1	10		\$885.00
Record Drawings	1	1	2	4		1	9		\$700.00
							0		\$0.00
Subtotal	11	53	54	4	0	16	138		\$11,970.00
							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	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	138		
Grand Total Labor Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$11,970.00

EXHIBIT F: Hour and Fee Estimate
PALM BEACH INTERNATIONAL AIRPORT
SUPPLEMENTAL TO HIGH SPEED TAXIWAYS
CONSTRUCTION SERVICES FOR TAXIWAY D
Task I-03-PBIL-037

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 5: Construction Phase Services								
General Coordination with DOA	2	6	16					24
Submit Construction Management Plan			2	4			4	10
Prepare for and Attend Pre-Construction Conference		2		5			2	9
Weekly meetings (16 meetings)				48			6	54
Review Shop Drawings/Submittals				10			4	14
Review Pay Applications				4			4	8
Review Change Orders				4				4
Review Test Results				14				14
Bi-Monthly Site Visits (8 Visits)		4		16				20
Prepare Engineer's Field Visit Report				16			2	18
Review and Respond to RFI's			2	15			6	23
Final Inspection, Generate Punch List			4	4			4	12
Review As-Built and Record Drawings				2	4	12	2	20
Review Contractor's Closeout Documents				10			2	12
Submittal of Final Report/ Close Out Grant	2			2			4	8
Phase 5: Construction Phase Services Hours	4	12	24	154	4	12	40	250
Phase 5: Construction Phase Services Fee (NTE)	\$804	\$2,052	\$4,104	\$22,176	\$432	\$984	\$3,040	\$33,592
Subconsultants								
Hillers - CA Services (Not-to-Exceed)								\$11,970.00
Subconsultant Procurement and Management (Lump Sum)								\$599.00
Expenses								
Expenses (LS)								\$5,670.00
TOTAL NOT-TO-EXCEED AMOUNT:								\$51,831.00

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport SUPPLEMENTAL TO HIGH SPEED TAXIWAYS CONSTRUCTION SERVICES FOR TAXIWAY D	PROJECT NO:	Task I-03-PBI-L-037
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Doug Hambrecht	FAX NO:	813.889.3893
DATE:	September 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	Airfield Electrical / NAVAIDS Engineering	\$	\$11,970.00	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$11,970.00	\$	\$

Total Fee:	\$51,831.00	Total % of DBE Participation:	23.09%
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**EXHIBIT G
SCOPE OF SERVICES**

Task No. I-03-PBI-L-038

**PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
APRON A ADDITIONAL DESIGN AND CONSTRUCTION PHASE SERVICES**

PALM BEACH COUNTY (COUNTY) has requested additional design and construction phase services from THE LPA GROUP INCORPORATED (CONSULTANT) for the Apron A Additional Construction Phase Services project at the Palm Beach International Airport. Standard Design and Construction Phase Services will be performed in accordance with the Master Agreement. The work for this task shall consist of performing the additional design and construction phase services as described below.

PHASE 1B: DESIGN PHASE SERVICES

This task assignment includes design revisions that were made after the December 20, 2008 contract Amendment No. 5, I-03-PBI-L-026 (Apron A Design-Additional Services). Since then, several additional design revisions have been made. These design revisions were out of scope revisions which took a considerable design effort, LPA is requesting compensation for the four major revisions shown in the scope and fee as outlined below:

- Provide alternative layout analysis and design of cul-de-sac for large vehicle turnaround at north gate.
- Provide design and alternate bid items for PCC pavement. Includes pavement design, additional design plan sheets, joint layouts, details, and specifications.
- A coordination meeting was held with FAA and ATCT contractor(s) and it was discovered that the pond location proposed on the 90% design review plans needed to be relocated. As a result, CONSULTANT shall revise pond location from northeast corner of project to southwest. Includes revisions to connecting ditches and pipes.
- Revise demolition plans to reflect current conditions. Several changes have been made to the site since the original survey was conducted in 2008. These field changes needed to be verified and reflected on the demolition plans.

PHASE 5: CONSTRUCTION PHASE SERVICES

CONSULTANT shall provide construction administration services in accordance with the Master Agreement and as outlined in the fee spreadsheet for the anticipated duration of the Apron Construction Project.

When I-03-PBI-L-020 (Apron A & Utilities Construction Phase Services) was originally written, it was assumed that both the Apron A utilities and the Apron construction could be completed for the fee provided. The original fee included 324 hours for a six-month construction project. To date, the Apron A utilities project is approaching its ninth month and required additional effort in reviewing change

proposals, attendance at progress meetings, review of RFI's coordination and revisions to comply with PBCWUD requirements that have nearly exhausted the construction administration scope of services.

SUBCONSULTANT SERVICES

CONSULTANT shall contract with a geotechnical testing firm to perform QA testing services in accordance with the Master Agreement.

The amount budgeted for QA testing (\$25,000) in the original CA services agreement is insufficient to provide the Quality Assurance testing required to complete the project.

The remaining subconsultant is as follows:

Hillers Electrical Engineering's services have yet to commence. Their fee in the original agreement will remain adequate.

Item/Task Description	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
Palm Beach County Approved Rates	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 1B: Add'l. Design Phase Services (Beyond 12/20/08)								
Coordination meeting with Owner			8				2	10
Plan Revisions								
Addition of Cul-De-Sac			2	10		10		22
Addition of PCC Pavement Alternates			2	16		16		34
Revise pond location			2	12	12			26
Revise demolition plans to current conditions			2	2		4		8
Quality Control	2		2					4
Phase 1B: Add'l. Design Phase Services (Beyond 12/20/08) Hours	2	0	18	40	12	30	2	104
Phase 1B: Add'l. Design Phase Services (Beyond 12/20/08) Fee (LS)	\$402	\$0	\$3,078	\$5,760	\$1,296	\$2,460	\$152	\$13,148
Phase 5: Construction Phase Services								
Construction Duration (6 Months)								
General Coordination with the County	2	6	10	8			4	30
General Coordination with the contractor			12	24			4	40
Pre-Construction Conference		2	4	4			2	12
Bi-Weekly meetings (2 hours)			24	24				48
Review shop drawings/ submittals			4	8	8		8	28
Review pay applications			4	6				10
Preview payrolls, DBE reports, EEO reports			2	4				6
Review test results				4				4
Monthly Site Visits		4	12	24				40
Review and respond to RFI's			4	36			8	48
Final inspection/ puunchlist items		4	4	4			2	14
Review and submit record drawings				4	16		2	22
Review contractor's closeout documents			2	4			2	8
Prepare DBE reporting form				2				2
Submittal of final report/ close out grant	2		2	8	4		16	32
Phase 5: Construction Phase Services Hours	4	16	84	164	28	0	48	344
Phase 5: Construction Phase Services Fee (NTE)	\$804	\$2,736	\$14,364	\$23,616	\$3,024	\$0	\$3,648	\$48,192
Labor Totals								
Total Estimated Hours:	6	16	102	204	40	30	50	448
Total Estimated Labor Costs:	\$1,206	\$2,736	\$17,442	\$29,376	\$4,320	\$2,460	\$3,800	\$61,340.00
Subconsultants								
Nodarse - Quality Assurance Testing (NTE)								\$25,000.00
Subconsultant Coordination and Procurement (LS)								\$1,250.00
Expenses								
Lump Sum Expenses								\$4,500.00
TOTAL NOT-TO-EXCEED AMOUNT								
								\$92,090.00

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	Palm Beach International Airport APRON A ADDITIONAL DESIGN CONSTRUCTION PHASE SERVICES	PROJECT NO:	Task I-03-PBI-L-038
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Ryan Forney	FAX NO:	813.889.3893
DATE:	September 2009	DEPARTMENT:	Airports

		DBE Subcontractor Amount			
Name, Address and Phone Number of DBE Subcontractor	Type of Work to be performed	Black	Hispanic	S/WBE Women	Other (S/MBE)
Nodarse & Associates, Inc. 2448 Metrocentre Blvd. West Palm Beach, Florida 33407 (561) 616-0870	Geotechnical Engineering/Materials Testing	\$	\$	\$25,000.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$25,000.00	\$

Total Fee:	<u>\$92,090.00</u>	Total % of DBE Participation:	<u>27.15%</u>
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EXHIBIT H
SCOPE OF SERVICES

TASK I-03-F45-L-039

Palm Beach County Department of Airports
North Palm Beach County General Aviation Airport
F45 Drainage Structures & Drainage Field Improvements
Agency Letter & Coordination

I. F45 Drainage Structures

PROJECT DESCRIPTION

The Palm Beach County Department of Airports (DOA) desires to address concerns over wildlife hazards that impact safe air operations at North Palm Beach County General Aviation Airport (Airport). In order to improve the safety for pilots and their passengers, the DOA intends to perform maintenance of existing storm drainage inlets in the Airport infield areas that currently trap water and act as wildlife attractants.

The proposed design will consist of earthen fill to generate a relatively uniform graded area that does not negatively impact the air operations and discourages attracting wildlife that could create a problem for Airport users.

The design and production of construction plans will consist of the following items:

Grading	Safety Plan and Project Layout
Typical Sections/Details	FAA and FDOT coordination

PHASE 1: PROGRAM VERIFICATION/ DESIGN DEVELOPMENT

THE LPA GROUP INCORPORATED (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 review the current Airport System Plan and the Stormwater Master Plan to ensure the design meets the goals of the project for the airfield. The CONSULTANT will prepare a memorandum with typical detail showing the recommended method for addressing the ponding problem. Because the work is a maintenance item, the CONSULTANT will proceed to 60% Design Development following approval of the repair solution.

PHASE 2: DESIGN DEVELOPMENT (60% DESIGN)

The services included with Phase 1 will begin with defining the parameters for design to include:

- Drainage Considerations
- Submittal of Environmental Documentation
- General Coordination with Airport staff
- General Coordination with Resource Agencies

The CONSULTANT shall proceed with the design to perform the repair operations. It is assumed that no new stormwater ponds will be required for this work and that the existing permit will only need to be modified. A set of preliminary drawings and an Engineer’s Report that will define the design elements of the project will include:

- Drainage Evaluation
- Preliminary Cost Estimates
- Preliminary Construction Schedule

The CONSULTANT will prepare the Preliminary Plans, which will include:

General Notes	Construction Phasing Plan
Typical Sections & Details	Grading and Drainage Plan

Deliverables: Six (6) copies of the Preliminary Plans in 11"x17" format will be submitted to the Airport for distribution to Airport staff for review and comment.

Upon submittal of the 60% plans, the CONSULTANT will meet with the Airport to discuss project specifics and identify any concerns they may have.

PHASE 3: FINAL DESIGN

The CONSULTANT shall address any changes requested by the Airport at the 60% review meeting in this Phase. Upon issuance of the Notice to Proceed, the CONSULTANT will proceed with the Final Plans to include the following:

- Incorporated DOA Comments
- Final Plans
- Final Technical Specifications
- FAA airspace checklist
- Construction Phasing and Schedule

The CONSULTANT will prepare the Final Plans, which will consist of the 100% Plans and Technical Specifications, incorporating comments from Airport staff. The Final Plans shall include:

General Notes	Construction Phasing Plan
Typical Sections & Details	Grading and Drainage Plan

Deliverables: Six (6) copies of the Final Plans in 11"x17" format and Technical Documents will be submitted to the Airport for distribution to Airport staff for review.

PHASE 4: BIDDING AND AWARD OF CONTRACT
NOT INCLUDED IN THIS SCOPE OF SERVICES

PHASE 5: CONSTRUCTION PHASE SERVICES:

Standard construction administration phase services will be performed in accordance with the Master Agreement dated November 21, 2006.

PERIOD OF SERVICES:

The design and advertisement of this project will be completed upon receipt of Notice to Proceed as follows:

Phase 1:	14 Days
Phase 2:	14 Days
Phase 3:	35 Days
Phase 5:	120 Days

II. F45 Drainage Field Improvements Agency Letter & Coordination

PROJECT DESCRIPTION

Palm Beach County Department of Airports (DOA) has contracted the services of THE LPA GROUP INCORPORATED (CONSULTANT) to prepare state and federal regulatory environmental permit documents to implement wildlife hazard abatement measures at North Palm Beach County General Aviation Airport (Airport), Palm Beach County, Florida (project). The Airport is located along Bee Line Highway, approximately 12 miles northwest of West Palm Beach, Florida.

The wildlife abatement measures for this project involves filling and grading the area around stormwater drainage inlets that have eroded over time and cleaning obstructed stormwater structures. These stormwater structures are located at the airfield within the Airport. Because the areas around the drainage inlets are lower in elevation than the surrounding area, water collects and pools and does not drain, thereby providing suitable conditions for water fowl and wading birds. These birds are considered hazards to safe aircraft operations.

The following paragraphs outline the services necessary to prepare the agency project notification letters for filling the depressions around the drainage inlets and removing the silt from the drainage structures.

TASK 1. FIELD VISIT AND DATA COLLECTION

CONSULTANT will take photographs of each drainage structure and characterize the vegetation, hydrological conditions and other pertinent physical characteristics of each drainage structure and the area immediately adjacent to it that have to be repaired, replaced, cleaned out, filled and/or graded. There are up to forty (40) drainage structures at the Airport.

Prior to performing the field visit, a map with the location of each drainage structure will be developed.

Assumptions:

- 1. Access, security clearance and an escort if necessary will be provided by the DOA.*
- 2. The DOA will provide CONSULTANT with a map depicting the location and other information of each structure.*

Deliverable:

- 1. Results of the field visit data collection will be contained in the Corps of Engineers (COE) and SFWMD letters.*

TASK 2. COE NOTIFICATION LETTER AND COORDINATION

COE Notification Letter

CONSULTANT will prepare a project notification letter to the Corps of Engineers (COE) with the following information:

1. Project description;
2. Determination that each structure is a swale;
3. Completed COE wetland forms;
4. Map depicting the location of each structure;
5. Description and photograph of each structure; and
6. Proposed work for each structure.

The structure description will include the type of vegetation inhabiting the area around the structure, soil conditions, and other physical characteristics observed during the site visit.

COE Meeting and Coordination

CONSULTANT will attend one (1) on-site meeting with a COE representative to evaluate each structure.

CONSULTANT will coordinate with COE to ensure that the project notification letter was received and request for a confirmation letter or electronic confirmation that a permit is not required for the proposed project activities.

Assumptions:

1. *Coordination with COE has indicated that a Section 404B or COE Dredge and Fill permit is not required for the project.*
2. *The drainage structures are not located within Waters of the U. S.*
3. *The on-site meeting will be scheduled concurrently with the SFWMD on-site meeting.*

Deliverables:

1. *COE Letter*

TASK 3. SFWMD NOTIFICATION LETTER AND COORDINATION

SFWMD Notification Letter

CONSULTANT will prepare a project notification letter to the SFWMD with the following information:

1. Project description;
2. Map depicting the location of each structure;
3. Description and photograph of each structure; and
4. Proposed work for each structure.

SFWMD Meeting and Coordination

CONSULTANT will attend one (1) on-site meeting with a SFWMD representative to evaluate each structure. CONSULTANT will coordinate with SFWMD to ensure that the project notification letter was received and request for a confirmation letter or electronic confirmation that a permit is not required for the proposed project activities.

Assumptions:

- 1. Coordination with SFWMD has indicated that an Environmental Resource Permit is not required for the project.*
- 2. The project notification letter will be submitted to SFWMD Regulatory Division who will forward a copy to the SFWMD Enforcement Division for their records.*
- 3. The on-site meeting will be scheduled concurrently with the SFWMD on-site meeting.*

Deliverables:

- 1. SFWMD Project Notification Letter.*

TASK 4. PROJECT MANAGEMENT***Project Coordination***

CONSULTANT will forward drafts of the agency letter notifications for DOA's review and approval prior to submittal to COE and SFWMD. CONSULTANT will coordinate the agency on-site meeting with DOA.

CONSULTANT will coordinate project tasks with DOA. CONSUTLANT will prepare monthly progress reports to apprise the DOA of scheduled and completed tasks, and, if applicable, issues that may affect the project schedule and/or budget.

Assumptions:

- Project management and coordination hours are based upon a 3-month project schedule.*

Deliverable:

- Project Status Reports.*

Exhibit H

NORTH PALM BEACH COUNTY GENERAL AVIATION AIRPORT
TASK I-03-F45-L-039

**F45 DRAINAGE STRUCTURES & DRAINAGE FIELD IMPROVEMENTS PROJECT AGENCY
LETTER & COORDINATION**

FEE SUMMARY

<u>F45 Drainage Structures (NTE)</u>	<u>TOTAL</u>
Program Verification/Schematic Design	\$1,285.00
Design Development 60% and Final	\$4,177.50
CA Phase Services	\$247.00
<u>SPECIAL SERVICES</u>	
SFWMD Coordinate Permit	\$82.00
<u>Expenses</u>	<u>\$290.00</u>
TOTAL F45 DRAINAGE STRUCTURES (NTE)	\$6,081.50
<u>F45 Drainage Field Improvements Project Agency Notification Letters & Coordination Services</u>	
Task I thru Task 4 - Total	\$7,158.00
<u>Subconsultant</u>	
Scheda Ecological Associates	\$2,469.00
Subconsultant Procurement & Management	\$123.00
<u>Expenses</u>	<u>\$685.00</u>
TOTAL F45 DRAINAGE FIELD IMPROVEMENTS PROJECT (LS) AGENCY NOTIFICATION LETTERS & COORDINATION SERVICES	\$10,435.00
TOTAL FEES (NOT- TO EXCEED)	\$16,516.50

Exhibit H : Hour and Fee Estimate
North Palm Beach County General Aviation Airport
F45 Drainage Structures & Drainage Field Improvements Agency Letter & Coordination
Task I-03-F45-L-039

Item/Task Description	Program Manager	Project Manager	Senior Engineer / Arch / Planner /Scientist)	Engineer / Arch /Planner /Scientst	Designer	Technician	Clerical	Total
Rate Schedule	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Phase 1: Program Verification/Design Development								
Coordinate with DOA	2	2						4
Acquire and Examine Record Drawings				1		1		2
Perform Field Verifications			1	1				2
Phase 1: Program Verification/Design Development Hours	2	2	1	2	0	1	0	8
Phase 1: Program Verification/Design Development Fee	\$402	\$342	\$171	\$288	\$0	\$82	\$0	\$1,285
Phase 2: Design Development (60% Design)								
Site Design			1	2	4	4		11
<u>Plan Sheet Production</u>								
Prepare General Notes		0.5		1		1		2.5
Prepare Construction Phasing Plan				1		2		3
Prepare Typical Sections & Details				2		2		4
Prepare Grading and Drainage Plan						4		4
Quality Review	2							2
Phase 2: Design Development (60% Design) Hours	2	0.5	1	6	4	13	0	26.5
Phase 2: Design Development (60% Design) Fee	\$402	\$85.50	\$171	\$864	\$432	\$1,066	\$0	\$3,020.50
Phase 3: Final Design								
General Project Coordination	1	2						3
Incorporate DOA review comments		1			1	2		4
FAA airspace checklist			1					1
Phase 3: Final Design Hours	1	3	1	0	1	2	0	8
Phase 3: Final Design Fee	\$201	\$513.00	\$171.00	\$0	\$108	\$164	\$0	\$1,157
Phase 5: Construction Phase Services								
General Coordination with DOA		1					1	2
Phase 5: Construction Phase Services Hours	0	1	0	0	0	0	1	2
Phase 5: Construction Phase Services Fee (NTE)	\$0	\$171	\$0	\$0	\$0	\$0	\$76	\$247
Total Basic Services								
Total Estimated Hours:	5	6.5	3	8	5	16	1	44.5
Total Estimated Labor Costs (Not-to-Exceed):	\$1,005	1,111.50	513.00	\$1,152	\$540	\$1,312	\$76	\$5,709.50
Special Services								
SFWMD Permit								
Coordinate on Permit						1		1
Special Services Hours	0	0	0	0	0	1	0	1
Special Services Fee	\$0	\$0	\$0	\$0	\$0	\$82	\$0	\$82
Labor Totals								
Total Estimated Hours:	5	6.5	3	8	5	17	1	45.5
Total Estimated Labor Costs (Not-to-Exceed):	\$1,005	1,111.50	513.00	\$1,152	\$540	\$1,394	\$76	\$5,791.50
Expenses								
Total Expenses								\$290.00
TOTAL NOT-TO-EXCEED AMOUNT:								
\$6,081.50								

Exhibit H : Hour and Fee Estimate
North Palm Beach County General Aviation Airport
F45 Drainage Structures & Drainage Field Improvements Agency Letter & Coordination
Task I-03-F45-L-039

Item/Task Description	Program Manager	Project Manager	Senior Scientist	Senior Engineer	Scientist	Designer	Technician	Clerical	Total
Rate	\$201.00	\$171.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Task 1. Field Visit and Data Collection									
Site visit						10			10
Location map over aerial photo for field use							2		2
Task 1. Field Visit and Data Collection Hours	0	0	0	0	0	10	2	0	12
Task 1. Field Visit and Data Collection Fee	\$0	\$0	\$0	\$0	\$0	\$1,080	\$164	\$0	\$1,244
TASK 2: COE Notification Letter and Coordination									
Notification Letter					1				1
i. Project description						1			1
ii. Swale determination (Rapanos)			1						1
iii. COE wetland forms			1						1
iv. Structures location map						1	2		3
v. Structure description (soils, plants, & hydrology) and photos			1			8	4		13
vi. Proposed work for each structure (typical)			1			2			3
QC and reproduction			1			2		1	4
COE meeting and coordination (concurrent with SFWMD mtg.)			2		4				6
TASK 2: COE Notification Letter and Coordination Hours	0	0	7	0	5	14	6	1	33
TASK 2: COE Notification Letter and Coordination Fee	\$0	\$0	\$1,197	\$0	\$720	\$1,512	\$492	\$76	\$3,997
TASK 3: SFWMD Notification Letter and Coordination									
Notification Letter					1				1
i. Project description									0
ii. Structures location map									0
iii. Structure vegetative description and photo									0
iv. Proposed work for each structure									0
QC and reproduction			1						1
SFMWD meeting and coordination (concurrent with COE mtg.)			2		4				6
TASK 3: SFWMD Notification Letter and Coordination Fee	0	0	3	0	5	0	0	0	8
TASK 3: SFWMD Notification Letter and Coordination Fee	\$0	\$0	\$0	\$0	\$144	\$0	\$0	\$0	\$144
TASK 4: Client Coordination and Meeting									
Client coordination			2						2
Project management			2						2
TASK 4: Client Coordination and Meeting Hours	0	0	4	0	0	0	0	0	4
TASK 4: Client Coordination and Meeting Fee	\$0	\$0	\$684	\$0	\$0	\$0	\$0	\$0	\$684
Labor Totals									
Total Estimated Hours:	0	0	14	0	10	24	8	1	57
Total Estimated Labor Costs:	\$0	\$0	\$2,394	\$0	\$1,440	\$2,592	\$656	\$76	\$7,158.00
Expenses									
Lump Sum Expenses	\$685.00								
Subconsultant									
Scheda Ecological Associates	\$2,469.00								
Subconsultant Administrative Fee	\$123.00								
TOTAL LUMP SUM AMOUNT:	\$10,435.00								

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	North Palm Beach County General Aviation Airport - F45 Drainage Structures & Drainage Field Improvements Agency Letter & Coordination	PROJECT NO:	Task I-03-F45-L-039
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mark Kistler / Mariben Anderson	FAX NO:	813.889.3893
DATE:	September 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)
Scheda Ecological Associates, Inc. 1486-A Skees Road West Palm Beach, Florida 33411 (561) 689-9198	Environmental Services/Natural Resources	\$		\$2,469.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$2,469.00	\$

Total Fee:	<u>\$16,516.50</u>	Total % of DBE Participation:	<u>14.95 %</u>
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EXHIBIT I
SCOPE OF SERVICES

Task I-03-F45-L-040

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
NORTH PALM BEACH COUNTY GENERAL AVIATION AIRPORT
F45 WILDLIFE HAZARD MITIGATION AND
WETLAND WILDLIFE HAZARD ENVIRONMENTAL PERMITTING SERVICES

I. F45 WILDLIFE HAZARD MITIGATION

PROJECT DESCRIPTION

The Palm Beach County Department of Airports (DOA) desires to address concerns over wildlife hazards that impact safe air operations at North Palm Beach County General Aviation Airport. In order to improve the safety for pilots and their passengers, the DOA intends to fill in certain designated wetland areas that will be mitigated in other areas that do not create a threat to Airport users.

The proposed design will consist of earthen fill to generate a relatively uniform graded area that does not negatively impact the air operations and discourages attracting wildlife that could create a problem for Airport users.

The design and production of construction plans will consist of the following items:

Environmental Impact Assessment	Grading
Stormwater Permit	Storm Drainage System
Survey	Earthwork
Geotechnical Evaluation	Quantity Calculations
Safety Plan and Project Layout	Typical Sections/Details
Cross Sections	FAA and FDOT coordination

PHASE 1: PROGRAM VERIFICATION/SCHEMATIC DESIGN

The LPA GROUP INCORPORATED (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 review the current Airport System Plan and the Stormwater Master Plan to ensure the design meets the goals of the project for the airfield. The CONSULTANT will prepare conceptual drawings depicting two (2) alternatives to be considered and reviewed by DOA. As part of this phase, the CONSULTANT will provide site layout drawings and cost estimates to DOA for review and approval. Upon final approval of the site layout, the CONSULTANT will begin the preparation of 30% documents.

PHASE 2: DESIGN DEVELOPMENT (30% DESIGN)

The services included with Phase 1 will begin with defining the parameters for design to include:

- Examine the existing Record Drawings
- Drainage Considerations
- Geotechnical Investigation
- Topographic Survey
- South Florida Water Management coordination (Prepare & Attend Pre-Application Meeting)
- Submittal of Environmental Documentation
- General Coordination with Airport staff
- General Coordination with Resource Agencies

The CONSULTANT shall proceed with the preliminary design to perform the earthwork operations. It is assumed that no new stormwater ponds will be required for this expansion and that the existing permit will only need to be modified. The drainage design will be limited to verifying the capacity of the existing storm system, replacing existing drainage pipes and structures to accommodate new grades and re-grading of the project areas to provide for positive drainage and new inlet structures as needed. A set of preliminary drawings and an Engineer’s Report that will define the design elements of the project will include:

- Drainage Evaluation
- Horizontal and Vertical Geometrics
- Preliminary Cost Estimates
- Preliminary Construction Schedule

The CONSULTANT will prepare a revised construction cost estimate, a 30% Engineer’s Report, and the Preliminary Plans, which will include:

Cover Sheet	Project Layout Plan
General Notes	Construction Phasing Plan
Typical Sections	Soil Boring sheets
Staking and Demolition Plan	Grading and Drainage Plan

Deliverables: Six (6) copies of the Preliminary Plans in 11"x17" format and 30% Engineer’s Report will be submitted to the Airport for distribution to Airport staff, FAA, and FDOT for review and comment.

Upon submittal of the 30% plans, the CONSULTANT will meet with the Airport to discuss project specifics and identify any concerns they may have.

PHASE 3: CONTRACT DOCUMENTS

PHASE 3A: 60% DESIGN

The CONSULTANT will proceed with the preparation of Contract Documents. However, due to the simplistic nature of this project, the CONSULTANT will not make a 60% submittal. The CONSULTANT will prepare the drainage calculations and report, and submit the General Permit to SFWMD.

PHASE 3B: 90% DESIGN

The CONSULTANT shall address any changes requested by the Airport at the 30% review meeting in this Phase. Upon issuance of the Notice to Proceed, the CONSULTANT will proceed with the 90% Plans to include the following:

- Preliminary Front End Documents
- Preliminary Technical Specifications
- FAA airspace checklist
- Final Drainage Design
- Grading Plans
- Submittal of SFWMD Permit (Application & Civil Supporting Documents)
- Preliminary Cost Estimates
- Construction Phasing and Schedule

The CONSULTANT will prepare a revised construction cost estimate, a 90% Engineer’s Report, and the 90% Plans, which will include:

Cover Sheet	Project Layout Plan
Typical Sections	Phasing and Safety Plan
General Notes	Staking and Demolition Plan
Grading and Drainage Plans	Profile Sheets
Drainage Details	Erosion Control Plans
Cross Sections	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 DOA 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
- Incorporate Water Management District 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 SFWMD 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:

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

PERIOD OF SERVICES:

The design and advertisement of this project will be completed upon receipt of Notice to Proceed as follows:

Phase 1:	21 Days
Phase 2:	28 Days
Phase 3:	28 Days
Phase 4:	60 Days
Phase 5:	160 Days

II. WETLAND WILDLIFE HAZARD ENVIRONMENTAL PERMITTING SERVICES

PROJECT DESCRIPTION

Palm Beach County Department of Airports (DOA) has contracted the services of THE LPA GROUP INCORPORATED (CONSULTANT) to prepare state and federal regulatory environmental permit applications to implement wildlife hazard abatement measures, specifically filling in wetlands that are potential wildlife attractants at North Palm Beach County General Aviation Airport (Airport), Palm Beach County, Florida (project). There are approximately eleven (11) wetlands and ditches located within the Airport Operations Area (AOA) that were previously delineated and assessed in the first phase of this project (Figure 1). The Airport is located along Bee Line Highway, approximately 12 miles northwest of West Palm Beach, Florida.

The following paragraphs outline the environmental services necessary to prepare the environmental permit applications for filling wetlands that are wildlife attractants.

TASK 1: DATA COLLECTION AND REVIEW

CONSULTANT will collect and review the following Geographical Information System (GIS) data prior to conducting the field surveys for the project:

- National Resource Conservation Service soils map;
- South Florida Water Management District (SFWMD) land use, cover, and forms classification system (FLUCFCS) map;
- National Wetland Inventory wetlands;
- Florida Fish and Wildlife Conservation Commission (FFWCC) protected species data;
- Florida Natural Areas Inventory (FNAI) data;
- Federal Emergency Management Agency (FEMA) floodplain maps;
- United States Geological Survey contour maps;
- North County Wetland Identification and Evaluation Report; and,
- North County Preliminary Wildlife Hazard Study.

Prior to performing the general field surveys, the aforementioned data will be collected and reviewed. This data will include site-specific information obtained from local authorities as necessary, as well as results from prior environmental surveys conducted on-site. A list of potential animals and plant species that have been documented to occur or that may occur on the site will be developed for use in conducting the general environmental survey.

Assumptions:

1. *Protected species and general wildlife literature were previously collected in the Preliminary Wildlife Hazard Study.*
2. *FLUCFCS and wetland GIS data and literature were previously collected in the wetland delineation phase of the project.*

3. *A protected species survey, if required by the regulatory agencies will be provided for under a separate agreement.*

Deliverable:

1. *Results of the data collection will be contained in the Environmental Report.*

TASK 2: ALTERNATIVE ANALYSIS

CONSULTANT will develop four practical and reasonable alternatives for addressing wildlife hazards at the Airport. The alternatives will consist of a no action alternative, the implementation of wildlife control measures, the modification of existing wetlands alternative, and the filling of wetlands alternative. Each alternative will be evaluated according to the following criteria.

1. Meeting the goal of the project;
2. Wetland impact;
3. Wildlife and wildlife habitat impact;
4. Impact to Airport operations; and,
5. Cost or economic impact.

The basis for the evaluation for each criterion will be documented including the rationale for the selection of the preferred alternative.

Assumptions:

1. *Alternatives considered for the project have to meet the FAA Airport Design Guide, and Advisory Circulars and Cert Alerts on Wildlife Attractants and Wildlife Hazard Management at Airports.*

Deliverable:

1. *Results of the alternative analysis will be contained in the Environmental Report.*

TASK 3: GENERAL ENVIRONMENTAL SURVEY AND MAPPING

3.1 General Wildlife Survey

A general wildlife survey will be conducted at and near the wetlands that are proposed to be filled. The survey will consist of a bird survey at sunrise, midday, and sunset for two (2) consecutive days and a spotlight evening survey to collect information on wildlife occurrences and activities within the project area and to supplement the results of the preliminary wildlife hazard study. A meandering transect of each wetland and the adjacent upland areas will also be conducted to visually survey the project area and determine the presence of small mammals and other wildlife.

3.2 Biotic Communities Survey and Mapping

A general biotic communities survey will be conducted in order to map the limits of each habitat type and to gather sufficient data to characterize each habitat within and immediately adjacent to the Airport Operations Area. If necessary, the land use and cover mapping will be updated to depict existing plant community conditions within the project limits. The habitat characterizations will be supplemented with photographs that will document the occurrence of plants and trees that provide food and cover for wildlife.

Assumptions:

- 1. Wetlands that are potential wildlife attractants within the AOA have been identified and have already been field delineated.*

Deliverable:

- 1. Results of the general environmental survey will be contained in the Environmental Report.*

TASK 4: COE FORMAL WETLAND DETERMINATION

4.1. COE Request for Formal Wetland Determination

A Request for Formal Wetlands Determination Package will be prepared for submittal to the United States Army Corp of Engineers (COE). It will include copies of the completed COE field data sheets for the jurisdictional areas, a map depicting the delineated wetland boundaries, a location map, a property access letter, and a completed Approved Jurisdictional Determination Form for each wetland. The Draft Formal Wetlands Determination Package will be forwarded for review and approval by DOA and PBDOA's legal counsel prior to submittal to the COE.

4.2 Agency Field Review Meeting and Coordination

CONSULTANT will request that the wetlands delineation be reviewed by the SFWMD and field verified by the COE. One (1) on-site meeting with representatives of the SFWMD and the COE is anticipated. CONSULTANT will request that the delineation be approved by the COE. CONSULTANT will attend, coordinate, and schedule the meeting with DOA, PBDOA's legal counsel, SFWMD, and the COE in order to review the limits of the wetlands that are wildlife attractants.

4.3 Coordination with Surveyor

After the limits of the jurisdictional wetland have been approved by the SFWMD and the COE, CONSULTANT will provide the County land surveyor with an aerial map indicating the approximate location of the jurisdictional wetland boundary flags and a copy of the field notes. CONSUSLTANT will coordinate with the County surveyor to locate the jurisdictional flags. CONSULTANT will review the survey for accuracy and forward comments to surveyor. The survey will then be submitted to the DOA for review and approval. The final jurisdictional survey will be used in the project design for filling wetlands that are wildlife attractants. A jurisdictional wetland or specific purpose survey will be requested from the land surveyor and forwarded to COE for approval.

Assumptions:

- 1. There are approximately eleven (11) wetlands that are potential wildlife attractants within the project area.*
- 2. Land survey services will be provided by DOA.*
- 3. DOA will provide access, security clearance, and escort (if requested) to the project area for the field review.*
- 4. A complete Uniform Mitigation Assessment Method (UMAM) analysis conducted under 62-345 of the F.A.C. includes both a “without impact” assessment and a “with impact” assessment. The “without impact” UMAM analysis was completed under Phase I of this project. For the purposes of this agreement, only the “with impact” assessment will be conducted for the wetlands proposed to be filled.*
- 5. Palm Beach County does not have a Wetlands Permitting Program.*

Deliverable:

- 1. Results of the wetlands survey will be contained in the Environmental Documentation for the Environmental Resource Permit (ERP) Application.*

TASK 5: WETLAND MITIGATION CONCEPTS

CONSULTANT will develop two mitigation concepts, select two (2) viable sites, and estimate mitigation design costs for the project. The mitigation concepts will consist of mitigation banking and off-site mitigation.

5.1 Mitigation Banking

Mitigation banking involves obtaining the necessary compensatory mitigation credits from offsite mitigation banks. CONSULTANT will contact mitigation banks in the region with mitigation suitable for the project to obtain cost estimates for mitigation credits on a cost-per-credit basis.

5.2 Off- Site Mitigation

CONSULTANT will coordinate with SFWMD, DOA, legal counsel, and the County's Department of Environmental Resources Management regarding desirable potential wetland mitigation property that SFWMD is considering for acquisition. A preliminary site visit of up to two (2) viable sites will be conducted to gather the information necessary to develop the cost estimate for mitigation design and construction.

5.3 Mitigation Meeting

CONSULTANT's project scientist will coordinate, schedule and attend a meeting with the DOA and the DOA's legal counsel, to discuss mitigation concepts and select the mitigation method for the project. CONSULTANT's project scientist will coordinate, schedule, and attend a meeting with the DOA, the DOA's legal counsel, SFWMD, and COE to discuss the proposed mitigation and ensure that the sources of mitigation that are under consideration are acceptable. CONSULTANT will present the findings of this effort, including the preliminary cost of each mitigation option in the Environmental Report.

Assumptions:

- 1. The DOA will purchase the wetland mitigation credits necessary to compensate for wetland impacts associated with the project.*
- 2. The DOA will provide a list and locations of COUNTY-owned property that may be used for off-site mitigation.*
- 3. Mitigation within the Airport property limits or on-site mitigation is not a viable option.*
- 4. The scope of services and cost of off-site mitigation design could not be provided because the site has yet to be selected.*
- 5. If necessary, the DOA will purchase the property where the off-site mitigation area will be constructed.*
- 6. If necessary, geotechnical data collection and analysis, drainage data collection and analysis, and soil data collection and analysis for the off-site mitigation area will be provided for under a separate agreement.*
- 7. If necessary, grading design and drainage design of the off-site mitigation area will be provided for under a separate agreement.*

Deliverables:

- 1. Results of the Wetland Mitigation Concepts will be detailed in the Environmental Report.*

TASK 6: ENVIRONMENTAL REPORT

CONSULTANT will prepare an Environmental Report describing the methodology used and the resultant findings of the alternatives analysis, previous wetland delineation efforts, general environmental survey, and mitigation concepts. The Environmental Report will include the characterization of on-site natural habitats with corresponding approximate limits indicated on an aerial photograph. The wetlands proposed to be impacted will be evaluated using UMAM. Proposed impacts will be calculated based on the final design developed for the project. In addition, a list of observed animal species, if any, will be provided in the Environmental Report. The Environmental Report will have the following sections:

1. Introduction
2. Regulatory Background
3. Purpose and Need
4. Alternatives Analysis
5. Wetland Delineation and Characterization
6. General Wildlife Survey
7. Mitigation Concepts
8. Regulatory Requirements
9. References

Assumptions:

- 1. The Environmental Report is intended to provide the documentation necessary to meet State ERP and Section 404B regulatory requirements.*

2. *If it is determined that National Environmental Protection Act (NEPA) Environmental Assessment documentation and not a Short Form Environmental Assessment is required for the project, such documentation would be provided for in a separate agreement.*

Deliverables:

1. *Eight (8) printed copies of the Environmental Report (six (6) copies for SFWMD, one (1) copy for DOA, and one (1) copy for legal counsel).*
2. *One (1) electronic copy of the Environmental Report.*

TASK 7: FAA SHORT FORM EA

CONSULTANT's project scientist will fill out the Short Form Environmental Assessment (EA) and forward it to DOA for submittal to FAA along with the Environmental Report. CONSULTANT project scientist will provide two (2) sets of responses to the request for information from the FAA.

Assumptions:

1. *The project only has wetland impacts and a Short Form EA along with the Environmental Report will meet National Environmental Protection Act (NEPA) documentation requirements.*
2. *The project does not have air quality, noise, land use, socioeconomic, water quality, or protected species impacts.*
3. *The project will not impact the type of aircraft or number of take offs and landings at the Airport.*
4. *The Environmental Report contains all of the documentation necessary to meet NEPA requirements.*
5. *If it is determined that NEPA Environmental Assessment documentation is required for the project, such documentation would be provided for in a separate agreement.*

TASK 8: PERMIT PREPARATION/COORDINATION

8.1 SFWMD Pre-application Meeting

CONSULTANT's project scientist will coordinate, schedule, and attend a pre-application meeting with the SFWMD. Representatives from the DOA and the DOA's legal counsel will attend the meeting. CONSULTANT will fill out the wetland related aspects of the SFWMD pre-application meeting form and prepare necessary supporting documentation and graphics for the meeting in order to present the project and receive comments related to natural resource permitting. CONSULTANT will draft the meeting minutes for the meeting, distribute the draft meeting minutes for review and comment from all attendees, and forward the final meeting minutes to all meeting attendees.

8.2 SFWMD ERP

CONSULTANT'S scientists will prepare the environmental text for the SFWMD Environmental Resource Permit (ERP) application and coordinate with the Airport environmental counsel and DOA in processing the SFWMD ERP.

8.3 SFWMD Coordination

CONSULTANT's scientists will coordinate with the DOA's environmental counsel, and SFWMD scientist ultimately responsible for reviewing and approving the wetland aspects of the permit application in order to ensure that the proposed project design is permissible.

8.4 SFWMD RAI Response

CONSULTANT'S scientists will provide two (2) sets of additional information in response to SFWMD's wetland related review comments contained in a Request for Additional Information (RAI) and attend one (1) meeting to discuss proposed responses.

Assumptions:

- 1. The DOA will pay for all permit application fees.*
- 2. The ERP permit processing time ranges from 90 days to 365 days.*
- 3. One (1) field review with the SFWMD will be required after submittal of the ERP Application.*
- 4. The DOA has a SFWMD Conceptual permit associated with the development of the Airport.*
- 5. The filling of Wetland 5 is covered under the SFWMD Conceptual permit.*

Deliverables:

- 1. SFWMD Pre-application Meeting Minutes.*
- 2. SFWMD ERP Application Package.*
- 3. SFWMD Response to RAI (if necessary).*

8.5 COE Pre-application Meeting

CONSULTANT's project scientist will coordinate, schedule, and attend a pre-application meeting with COE. Representatives from DOA and the DOA's legal counsel will attend the meeting. CONSULTANT's scientist will prepare the necessary supporting wetlands related documentation and graphics for the meeting in order to present the project and receive comments related to natural resource permitting. CONSULTANT will draft the meeting minutes of the meeting, distribute the draft meeting minutes for review and comment from all attendees, and forward the final meeting minutes to all meeting attendees.

8.6 Section 404 Permit

The SFWMD ERP application will also serve as the application for the Section 404 or COE dredge and fill permit. CONSULTANT will coordinate with the DOA's environmental counsel and COE representatives ultimately responsible for approving the permit application in order to ensure that the project is permissible.

8.7 COE RAI Response

CONSULTANT scientists will provide two (2) sets of additional information in response to COE review comments contained in a Request for Additional Information (RAI) and attend one (1) meeting to discuss proposed responses.

Assumptions:

1. *The SFWMD ERP application will also serve as the application for the Section 404 Permit.*
2. *Issuance of the Section 404 permit requires compensatory mitigation for wetland impacts.*
3. *The project can be permitted with an Individual Permit.*
4. *One (1) field review with the COE will be required after submittal of the ERP Application.*
5. *Section 404 Permit processing time ranges from six (6) months to one and one-half (1 ½) years.*
6. *The filling of Wetland 5 and compensatory mitigation for associated wetland impact was permitted in a previous COE permit (1989). Reauthorization of the COE permit for this wetland is anticipated.*
7. *Amendment of the agreement between Palm Beach County and Palm Beach Gardens, if required, will be provided for under a separate agreement.*
8. *Public involvement and public meeting services, if required will be provided for under a separate agreement.*

Deliverables:

1. *COE Application Package.*
2. *COE Response to RAI (if necessary).*

8.8 COE Coordination

CONSULTANT's scientists will coordinate with the DOA's environmental counsel, and COE ultimately responsible for reviewing and approving the wetland aspects of the permit application in order to ensure that the proposed project design is permissible.

TASK 9: PROJECT MANAGEMENT

Meetings

CONSULTANT's project scientist will attend one (1) formal meeting with the DOA and the DOA's legal counsel to present and discuss the project status and receive comments and direction.

Project Coordination

CONSULTANT's scientists will coordinate the wetland related project tasks with the DOA. CONSULTANT's scientist will prepare monthly progress reports to apprise the DOA of scheduled and completed tasks related to wetlands, and, if applicable, issues that may affect the project schedule and/or budget.

Assumptions:

- *Should more than one (1) project management meeting be required, this service will be provided under a separate agreement.*
- *Project management and coordination hours are based upon a 2-year project schedule.*

Deliverable:

- *Project Status Reports.*

Exhibit I

NORTH PALM BEACH COUNTY GENERAL AVIATION AIRPORT
TASK I-03-F45-L-040

F45 WILDLIFE HAZARD MITIGATION AND WETLAND WILDLIFE HAZARD ENVIRONMENTAL
PERMITTING

FEE SUMMARY

<u>F45 WILDLIFE HAZARD MITIGATION (LUMP SUM)</u>	<u>TOTAL</u>
Program Verification/Schematic Design	\$7,322.00
Design Development 30%, 90%, 100%	\$76,885.00
Bidding and CA Phase	\$38,118.00
<u>SPECIAL SERVICES</u>	
SFWMD Meeting, Prepare Submit ERP Permit, Response to RAI's	\$18,607.00
<u>Expenses</u>	<u>\$7,047.00</u>
TOTAL F45 WILDLIFE HAZARD MITIGATION (NTE)	\$147,979.00
 <u>F45 Wetland Wildlife Hazard Environmental Permitting Services</u>	
Task I thru Task 9 - Total	\$58,663.00
<u>Expenses</u>	<u>\$4,073.00</u>
TOTAL F45 WETLAND WILDLIFE HAZARD ENVIRONMENTAL PERMITTING SERVICES	\$62,736.00
 <u>Subconsultants</u>	
F45 Wetland Hazard Mitigation - Allowance	\$80,000.00
 F45 Wetland Wildlife Hazard Environmental Permitting Services	
Lewis, Longman	\$8,000.00
Scheda Ecological Associates, Inc.	\$20,118.00
<u>Subconsultant Procurement & Management</u>	<u>\$5,406.00</u>
 Total Subconsultants	 \$113,524.00
 TOTAL FEES (NOT- TO EXCEED)	 \$324,239.00

Exhibit I : Hour and Fee Estimate
North Palm Beach County Airport General Aviation Airport
F45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

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/Schematic Design (LS)								
Coordinate with DOA	2	2	2					6
Acquire and Examine Record Drawings				1		1		2
Perform Field Verifications			3	3				6
Concept Planning Meeting			1					1
Review/Update Construction Costs			2					2
Evaluate Existing Survey Data					2			2
Evaluate Existing Soils Data				2				2
Review the Current Stormwater Master Plan			4		2			6
Prepare Schematic Plans			6		4	7		17
Quality Review	2	1						3
Review meeting with DOA	1	1	1					3
Phase 1: Program Verification/Schematic Design (LS) Hours	5	4	19	6	8	8	0	50
Phase 1: Program Verification/Schematic Design (LS) Fee	\$1,005	\$684	\$3,249	\$864	\$864	\$656	\$0	\$7,322
Phase 2: Design Development (30% Design) (LS)								
Acquire and Examine Existing Drawings			2			1		3
Process survey and base files					8			8
Site Design			1	6	12	8		27
Drainage Design				16				16
Drainage Considerations			8					8
Identify watersheds				8	4			12
Model Existing drainage conditions			4	16				20
Proposed drainage routing- ditches, piping			4	16	8			28
Compare pre-and post stormwater volumes				8				8
Prepare Drainage maps				4		8		12
Perform Field Verifications			8	8				16
Plan Sheet Production								
Prepare Cover sheet				0.5		1		1.5
Prepare General Notes			0.5	1		3		4.5
Prepare Project Layout Plan			0.5		1	2		3.5
Prepare Construction Phasing Plan				1		2		3
Prepare Typical Sections				2		6		8
Prepare Soil Boring Layout Plan						4		4
Prepare Staking and Demolition Plan				4	8	8		20
Prepare Grading and Drainage Plan					14	8		22
Prepare Engineer's Report			3				3	6
Prepare Detailed Cost Estimate			1	1	2			4
Quality Review	2	1						3
Review meeting with DOA	2	1	1					4
Phase 2: Design Development (30% Design) (LS) Hours	4	2	33	91.5	57	51	3	241.5
Phase 2: Design Development (30% Design) (LS) Fee	\$804	\$342	\$5,643	\$13,176	\$6,156	\$4,182	\$228	\$30,531

Exhibit I : Hour and Fee Estimate
North Palm Beach County Airport General Aviation Airport
F45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

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 3B: 90% Design (LS)								
General Project Coordination	2	2	4					8
FAA airspace checklist			1			1		2
Design of site contours and grading					56			56
Prepare Front Ends			4				6	10
Prepare Technical Specifications			7	3			8	18
Drainage Design			16	16				32
Refine proposed watersheds				8				8
Model Proposed storm systems			4	24	8			36
Drainage report			5	8	4		4	21
Plan Sheet Production								
Prepare Summary of Quantities Sheet						0.5		0.5
Revise Project Layout Plan					0.5	0.5		1
Prepare Safety Plan			1		1			2
Revise Construction Phasing plan			0.5		1			1.5
Revise Typical Sections			0.5			1		1.5
Revise Staking and Demolition plans			1		6	6		13
Prepare Grading and Drainage Sheets			1	1	12	16		30
Revise Profile Sheets					4	2		6
Prepare Drainage Detail sheets				1		2		3
Prepare Erosion Control Plans				1		2		3
Prepare Miscellaneous Details				1	2	4		7
Update Cost Estimates			0.5	1	3			4.5
Revise Engineers Report			1.5				3	4.5
Quality Review	2	1						3
Review Meeting with DOA	4	2	2					8
Phase 3B: 90% Design (LS) Hours	8	5	49	64	97.5	35	21	279.5
Phase 3B: 90% Design (LS) Fee	\$1,608	\$855	\$8,379	\$9,216	\$10,530	\$2,870	\$1,596	\$35,054
Phase 3C: 100% Documents (LS)								
Incorporate DOA 90% review comments			2		6	14		22
Finalize Plans				4	8	16		28
Finalize Front end Specifications			2	2			12	16
Finalize Technical Specifications			2	2			12	16
Prepare Bid Schedule			2				2	4
Finalize Cost Estimate			1	2	4	2		9
Finalize Engineer's Report			4		2		4	10
Quality Review	2	1						3
Phase 3C: 100% Documents (LS) Hours	2	1	13	10	20	32	30	108
Phase 3C: 100% Documents (LS) Fee	\$402	\$171	\$2,223	\$1,440	\$2,160	\$2,624	\$2,280	\$11,300
Phase 4: Bidding Phase Services (LS)								
Advertise and Coordinate		8	1				1	10
Distribute Bidding Documents		2					20	22
Pre-Bid Conference/ Minutes	1	2	4				1	8
Answers to Bidders/Issue Addenda			6	16			7	29
Bid Opening		1	2					3
Review Bids for Responsiveness			3				13	16
Certified Bid Tabs/Award Contract		1	1	2			4	8
Contract Preparation		1	1			1	6	9
Phase 4: Bidding Phase Services (LS) Hours	1	15	18	18	0	1	52	105
Phase 4: Bidding Phase Services (LS) Fee	\$201	\$2,565	\$3,078	\$2,592	\$0	\$82	\$3,952	\$12,470

Exhibit I : Hour and Fee Estimate
North Palm Beach County Airport General Aviation Airport
F45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

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 5: Construction Phase Services (NTE)								
General Coordination with DOA	6	4	6					16
Pre-Construction Conference		2	4				2	8
Weekly meetings (16 meetings)			40				8	48
Review Shop Drawings/Submittals			18				3	21
Review Pay Applications			8				1	9
Review Payrolls, DBE reports, EEO reports			3					3
Review Test Results			4					4
Bi-Monthly Site Visits (7 Visits)			14					14
Review and Respond to RFIs			8				3	11
Final Inspection/ Punch List items			6				1	7
Review/ Submit Record Drawings			1			14	1	16
Review Contractor's Closeout Documents			3				1	4
Prepare DBE Reporting Form			2					2
Submittal of Final Report/ Close Out Grant			3				3	6
Phase 5: Construction Phase Services (NTE) Hours	6	6	120	0	0	14	23	169
Phase 5: Construction Phase Services Fee (NTE)	\$1,206	\$1,026	\$20,520	\$0	\$0	\$1,148	\$1,748	\$25,648
Total Basic Services								
Total Estimated Hours:	26	33	252	189.5	182.5	141	129	953
Total Estimated Labor Costs (Not-to-Exceed):	\$5,226	\$5,643	\$43,092	\$27,288	\$19,710	\$11,562	\$9,804	\$122,325

Special Services

SFWMD Permit								
SFWMD (Prepare & Attend Pre-Application Meeting)			4					4
Prepare and Submit ERP Permit (Civil Portion)			16	24		3		43
Response to RAI's			1	78		1		80
Special Services Hours	0	0	21	102	0	4	0	127
Special Services Fee	\$0	\$0	\$3,591	\$14,688	\$0	\$328	\$0	\$18,607
Labor Totals								
Total Estimated Hours:	26	33	273	291.5	182.5	145	129	1080
Total Estimated Labor Costs (Not-to-Exceed):	\$5,226	\$5,643	\$46,683	\$41,976	\$19,710	\$11,890	\$9,804	\$140,932

Subconsultants

Brown & Philips - Survey (LS) - Allowance	\$35,000.00
Nodarse - Geotechnical (LS) - Allowance	\$25,000.00
Nodarse - Q/A Testing (Not-to-Exceed) - Allowance	\$20,000.00
Total Subconsultants - Allowance	\$80,000.00
Subconsultant Procurement and Management (Lump Sum) - Allowance	\$4,000.00
Expenses	
Total Expenses	\$7,047.00

TOTAL NOT-TO-EXCEED AMOUNT:	\$231,979.00
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Exhibit I : Hour and Fee Estimate
North Palm Beach County General Aviation Airport
F-45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

Item/Task Description	Program Manager	Project Manager	Senior Scientist	Senior Engineer	Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$171.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Task 1. Data Collection and Review									
Review state and federal GIS maps and data						2			2
Review Preliminary Wildlife Hazard Study			1		3				4
Task 1. Data Collection and Review Hours	0	0	1	0	3	2	0	0	6
Task 1. Data Collection and Review Fee	\$0.00	\$0.00	\$171.00	\$0.00	\$432.00	\$216.00	\$0.00	\$0.00	\$819.00
TASK 2: Alternative Analysis									
Develop alternatives									
i. No action							1		1
ii. Control measures			2		6				8
iii. Wetland augmentation			2		6		4		12
iv. Wetland filling				4	2		2		8
Evaluate each alternative			1	2		8			11
Alternative selection web meeting with PBDOA & legal counsel		2	6				4		12
Preferred alternative documentation			1		4				5
TASK 2: Alternative Analysis Hours	0	2	12	6	18	8	11	0	57
TASK 2: Alternative Analysis Fee	\$0.00	\$342.00	\$2,052.00	\$1,026.00	\$2,592.00	\$864.00	\$902.00	\$0.00	\$7,778.00
TASK 3: General Environmental Survey & Mapping									
3.1 General Wildlife Survey									
i. Develop grid sampling & select bird survey stations					2		4		6
ii. Bird survey			18						18
iii. Spotlight survey			6						6
3.2 Biotic Communities Survey and Mapping			1			16			17
TASK 3: General Environmental Survey & Mapping Hours	0	0	25	0	2	16	4	0	47
TASK 3: General Environmental Survey & Mapping Fee	\$0.00	\$0.00	\$4,275.00	\$0.00	\$288.00	\$1,728.00	\$328.00	\$0.00	\$6,619.00
TASK 4: COE Formal Wetland Determination									
4.1 COE Formal Wetland Determination Request						1			1
4.2 Agency Field Review Meeting and Coordination									
i. SFWMD & COE field review meeting (11 wetlands)			8			8			16
ii. Agency coordination (2 hrs./agency)			4						4
iii. PBDOA and legal counsel coordination			2						2
4.3 Surveyor Coordination									
i. Surveyor's package							1		1
ii. Field meeting									0
iii. Survey review/comment			1				2		3
TASK 4: COE Formal Wetland Determination Hours	0	0	15	0	0	9	3	0	27
TASK 4: COE Formal Wetland Determination Fee	\$0.00	\$0.00	\$2,565.00	\$0.00	\$0.00	\$972.00	\$246.00	\$0.00	\$3,783.00

Exhibit I : Hour and Fee Estimate
North Palm Beach County General Aviation Airport
F-45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

Item/Task Description	Program Manager	Project Manager	Senior Scientist	Senior Engineer	Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$171.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK 5: Wetland Mitigation Concepts									
5.1 Mitigation Banking									
i. Mitigation bank research			1						1
ii. UMAMs for with impact			1			4			5
5.2 Off Site Mitigation									
i. Review SFWMD property list			1			1			2
ii. Review analysis of County property list			1			3			4
iii. Preliminary site visit (2 sites)			1			8			9
iv. Investigation results			2			2	4		8
5.3 Mitigation Meeting									
i. PBDOA and legal counsel meeting and prep.			5			2			7
ii. SFWMD and COE meeting and prep.			5			2			7
iii. Meeting minutes			4						4
TASK 5: Wetland Mitigation Concepts Hours	0	0	21	0	0	22	4	0	47
TASK 5: Wetland Mitigation Concepts Fee	\$0	\$0	\$3,591	\$0	\$0	\$2,376	\$328	\$0	\$6,295
TASK 6: Environmental Report									
Introduction - location and project description							1		1
Regulatory Background - Wildlife Hazard Management at Airports			1			4			5
Purpose and Need			0.5			2			2.5
Alternatives Analysis			1			4			5
Wetland Delineation and Characterization (11 wetlands)			1			2			3
General Wildlife Survey (methods & results)			1			2			3
Environmental Impacts		1				4	2		7
Mitigation Concepts		1				4	2		7
References							1		1
Appendix A - Wildlife Hazard Management at Airports							2		2
Appendix B - Wetland Photos									0
Appendix C - UMAMs							3		3
Appendix D - COE Field Data Sheet							1		1
Appendix E - COE Rapanos (review only)		0.5					3		3.5
Appendix F - SFWMD Correspondence							1		1
Appendix G - COE Correspondence							1		1
Appendix H - General Wildlife Survey Field Data Sheets							2		2
Appendix I - Mitigation Concepts Data		1					3		4
QA/QC		4				8			12
Reproduction (8 copies)		1				4		4	9
TASK 6: Environmental Report Hours	0	8.5	4.5	0	0	34	22	4	73
TASK 6: Environmental Report Fee	\$0.00	\$1,453.50	\$769.50	\$0.00	\$0.00	\$3,672.00	\$1,804.00	\$304.00	\$8,003.00

Exhibit I : Hour and Fee Estimate
North Palm Beach County General Aviation Airport
F-45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services
Task I-03-F45-L-040

Item/Task Description	Program Manager	Project Manager	Senior Scientist	Senior Engineer	Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$171.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
TASK 7: FAA Short Form EA									
FAA Short Form EA			1			6			7
Response to request for additional information			1			2			3
TASK 7: FAA Short Form EA Hours	0	0	2	0	0	8	0	0	10
TASK 7: FAA Short Form EA Fee	\$0.00	\$0.00	\$342.00	\$0.00	\$0.00	\$864.00	\$0.00	\$0.00	\$1,206.00
TASK 8: Permit Preparation and Coordination									
8.1 SFWMD Pre-Application Meeting									
i. Attend pre-application meeting (scientist)			10			2			12
ii. Draft meeting minutes			4						4
8.2 SFWMD ERP Application Preparation									
i. Section A									0
- Adjacent properties address list & labels						0.5	4		4.5
ii. Section C - wetland aspects only			2			2			4
iii. Section E - wetland aspects only			2			4			6
Permit plans review of wetlands impact related items			1	4	8				13
8.3 SFWMD Scientist Coordination			2			8			
8.4 SFWMD RAI Response - Wetlands only									
i. RAI Response 1 - Wetlands only						4			4
ii. RAI Response 2 - Wetlands only						4			4
iii. RAI meeting			8						8
8.5 COE Pre-Application Meeting									
ii. Attend pre-application meeting (scientist)			10			2			12
iii. Draft meeting minutes			4						4
8.6 Section 404 Permit									
i. Avoidance and minimization			1			6			7
8.7 COE RAI Response									
i. RAI Response 1			2			4			6
ii. RAI Response 2			2			4			6
iii. RAI meeting			8						8
COE Coordination			2			8			10
TASK 8: Permit Preparation and Coordination Hours	0	0	58	4	8	48.5	4	0	122.5
TASK 8: Permit Preparation and Coordination Fee	\$0.00	\$0.00	\$9,918.00	\$684.00	\$1,152.00	\$5,238	\$328.00	\$0.00	\$17,320.00
TASK 9: Project Management									
Client coordination		6	12						18
Project management			12						12
Client meeting (1 meeting)		2	8						10
TASK 9: Project Management Hours	0	8	32	0	0	0	0	0	40
TASK 9: Project Management Fee	\$0.00	\$1,368.00	\$5,472.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,840.00
Labor Totals									
Total Estimated Hours:	0	18.5	170.5	10	31	147.5	48	4	429.5
Total Estimated Labor Costs:	\$0.00	\$3,163.50	\$29,155.50	\$1,710.00	\$4,464.00	\$15,930.00	\$3,936.00	\$304.00	\$58,663.00
Expenses									
Lump Sum Expenses									\$4,073.00
Subconsultant									
Lewis and Longman LLC									\$8,000.00
Scheda Ecological Associates, Inc.									\$20,118.00
Total Subconsultants (Lump Sum)									\$28,118.00
Subconsultant Procurement and Management (L.S.)									\$1,406.00
TOTAL LUMP SUM AMOUNT:									\$92,260.00

LEWIS, LONGMAN & WALKER, P.A.

The LPA Group, Incorporated

Scope of Services North County General Aviation Airport (NCO) Wetland Wildlife Hazard/Wetlands Elimination Phase 2—Design and Permitting Phase

Provide ongoing legal services regarding work associated with obtaining approvals for the removal of a wetlands area located at the end of the runway. This scope of services for the design and permitting phase includes, but is not limited to, the following activities:

1. Attend at least two project team meetings with Department of Airport representatives and LPA Group staff to discuss design, permitting and mitigation issues.
2. Review, analyze and provide comments on design plans.
3. Continue to coordinate with Department of Airport representatives and LPA Group staff, including review and comment on correspondence and coordinate strategies on application for approval.
4. Review, analyze and edit proposed application package.
5. Prepare for and attend a pre-application meeting and with each agency, USACOE and SFWMD, for a total of two meetings.
6. Review and assist LPA Group in preparation of responses to agencies' requests for additional information (RAI).
7. Prepare for and attend a mitigation negotiation meeting and with each agency, USACOE and SFWMD, for a total of two meetings
8. Prepare for and attend post-RAI meetings.
9. Review, analyze, and provide comments on draft staff report.
10. Prepare for and consult with SFWMD Governing Board members and attend Governing Board meeting.

LEWIS, LONGMAN & WALKER, P.A. (Firm)

**The LPA Group, Incorporated (LPA)
North Palm Beach County General Aviation Airport (NCO)
Wetland Wildlife Hazard/Wetlands Elimination
Phase 2—Design and Permitting Phase**

PROPOSED FEES AND EXPENSES

LPA shall pay the Firm for the services provided in the Scope of Services at the following hourly rates, plus expenses pursuant to the LPA Group contract:

Attorneys:	\$250.00
Paralegals:	\$120.00

It is estimated that the fees will not exceed \$8,000.00.

The limitation of compensation does not represent compensation for outside consultants that may be necessary for the completion of the services within the Scope, e.g. engineers.



October 1, 2009

Ms. Mariben Andersen
The LPA Group, Inc.
4503 Woodland Corporate Boulevard
Suite 400
Tampa, Florida 33614

RE: SCOPE OF SERVICES AND ASSOCIATED FEE ESTIMATE
F45 - North County General Aviation Airport – Environmental Support
Environmental Land Management Services
Palm Beach County, Florida
Scheda Proposal No. 001738.20.P (Revision #1)

Dear Ms. Andersen:

Scheda Ecological Associates, Inc. (Scheda) is pleased to provide this revised scope of services and associated fee estimate for the above referenced project. We understand that the work will consist of assisting The LPA Group, Inc. (Client) with environmental permitting support, bird and wildlife surveys, and a habitat characterization mapping effort at the Palm Beach North County General Aviation Airport. Additionally, Scheda will provide the various mapping services outlined below.

SCOPE OF SERVICES

Task Description

1.0 DATA COLLECTION AND GENERAL ADMINISTRATION

Scheda will collect and review all pertinent data, both publicly available and provided by the Client, prior to conducting field work.

2.0 PROJECT COORDINATION

Scheda will coordinate with the Client on data collection, scheduling, conducting field efforts, and environmental permitting.

3.0 ENVIRONMENTAL SUPPORT / FIELD WORK

Formal Wetland Determination

Scheda will prepare the United States Army Corps of Engineers (USACE) formal wetland determination request, and send to the Client for approval. The Client will be responsible for submitting the package to the USACE. Up to one field review meeting will be held with USACE

and the South Florida Water Management District (SFWMD). Additionally, Scheda will attend 1 field meeting (if necessary) to assist in identifying the locations of wetland flags for the surveyor.

Wildlife Surveys and Habitat Characterization

Scheda will provide field assistance to the Client for up to 2.5 consecutive days of bird and wildlife surveys, and up to 3 consecutive days for a habitat characterization mapping effort at the North County General Aviation Airport.

Bird and wildlife surveys will consist of monitoring random sampling locations (to be provided by the Client) just after sunrise, at mid-day, and prior to sunset. Observations of the bird species, number of individuals, activity observed, direction of movement, and comments on any other significant observations will be performed at each location. Habitat types, weather conditions, and visual observations of animal tracks, scat, scratching, bedding, burrows, and insect types that might attract birds to the airport will also be recorded at each sample location.

Scheda will assist in setting up sand track traps in random locations (to be provided by the Client) throughout the property. Scheda will provide up to 200 pounds of sand for the sand track stations (if necessary). The sand track traps will be monitored to determine what types of small mammals are present on the airport property that have the potential to attract birds of prey.

4.0 MAPPING SERVICES

Scheda will geographically record all sampling and habitat locations with a sub-meter Trimble GPS unit and will provide shapefiles of the collected data. The following maps and geographic information systems (GIS) services will be provided:

- Project Location Map – aerial photography at 1":200' scale or closer will be created for use during field reconnaissance efforts.
- Jurisdictional Wetlands Map - Scheda will provide a PDF map showing locations of jurisdictional wetland flags and review the resultant specific purpose wetland map generated by the survey company selected by the Client.
- Wildlife and Bird Sampling/Transect Location Map(s) - The collected field data will be used to generate figures that depict the wildlife and bird sampling/transect locations within the property boundary.
- Biotic Communities Map(s) - The project area will be photo-interpreted and field verified for the types of biotic communities within the project area; level 3 Florida Land Use Cover and Forms Classification System (FLUCCS) codes and/or National Wetlands Inventory (NWI) codes will be used to identify the types of biotic communities.

- The properties owned by the SFWMD and Palm Beach County within the same watershed as the project area will be analyzed using GIS software to identify potential off-site wetland mitigation opportunities. The potential properties will also be evaluated for any permits and conservation easements, and upland and wetland acreages will be estimated using FLUCCS and/or NWI data layers.

5.0 USACE and SFWMD Environmental Permit Assistance

Scheda will assist the Client with coordination, review, and preparation of SFWMD wetland delineation and Environmental Resource Permits (ERP) permitting, including mitigation analyses, if required.

Scheda will assist the Client with coordination, review, and preparation of USACE wetland delineation and dredge and fill permits, including mitigation analyses, if required.

The fee estimate for the tasks listed above totals **\$20,118.00**. This will be considered a lump sum fee estimate, which will not be exceeded without prior written authorization from the Client. This project will be billed monthly in accordance with the percent complete of each task. Please note that the following assumptions were used for development of the fee estimate:

1. All required survey, geotechnical, and engineering services will be performed by others.
2. The area to be surveyed is generally accessible.
3. Vehicular access, identification badges, and security coordination will be provided and/or conducted by the Client.
4. Scheda will assist the Client with the environmental portions of Sections C and E only of the ERP.
5. Scheda will assist the Client with developing the draft avoidance and minimization language for the permit application.
6. Scheda will complete up to 11 wetland impact Uniform Mitigation and Assessment Methodology (UMAM) sheets.
7. Scheda will not attend any pre-application meetings.
8. Permit application processing fees will be the responsibility of the Client.
9. Threatened and endangered species surveys and permitting will not be required.
10. There are no wetland mitigation design services provided in this scope.
11. The scope of services will be limited to 1 RAI response, specific to natural resources, from each of the permitting agencies (USACE and SFWMD).
12. There will be no Essential Fish Habitat tasks associated with this scope.
13. Scheda will provide 1 field scientist for the survey efforts.
14. Any shape files (i.e. project boundaries) and/or detailed transect maps will be provided to Scheda by the Client prior to conducting any fieldwork.
15. All project specific regulatory permits will be provided by the Client for Scheda's review.
16. Scheda will not be responsible for supplying any equipment not mentioned in the above scope of services. Specifically, live traps, PVC poles, rebar, etc. will be provided by the Client, if required.

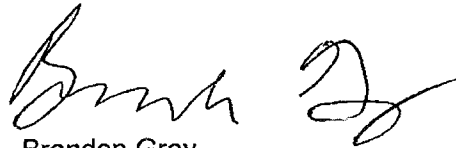
17. Additional services will be billed at Scheda's standard hourly rates.
18. Field inspection forms will be provided by the Client.
19. Scheda will collect, organize, and provide field data only.
20. The list of properties owned by the SFWMD and Palm Beach County to be evaluated for potential wetland mitigation opportunities will be provided by the Client.
21. Any coordination with Palm Beach County and the SFWMD, or obtaining regulatory permits for the purposes of locating an appropriate mitigation area, is not included within this scope of services.
22. This scope of services does not include the generation of any wetland impact assessments, memorandums, reports, permitting or permit modifications, including regulatory agency negotiations, or any required corrective actions.

If additional work time is required due to the inaccuracy of these assumptions or future changes in scope, additional fees will be billed on an hourly basis in accordance with Scheda's standard hourly billing rates. Written authorization will be obtained from the Client prior to incurring additional fees.

Scheda scientists can begin work immediately upon receiving your authorization. If you have any questions regarding this scope of services and the associated fee estimate, please contact Mr. Brandon Gray, Scheda's project manager for this effort. I look forward to working with you on this project.

Sincerely,

SCHEDA ECOLOGICAL ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Brandon Gray', is positioned above the printed name.

Brandon Gray
WPB Office Manager / Project Manager

SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME:	North Palm Beach County General Aviation Airport - F-45 Wildlife Hazard Mitigation and Wetland Wildlife Hazard Environmental Permitting Services	PROJECT NO:	Task I-03-F45-L-040
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Mark Kistler / Mariben Anderson	FAX NO:	813.889.3893
DATE:	September 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 Pkwy., Suite 119 West Palm Beach, Florida 33407 (561) 615-3988	Surveying & Mapping	\$35,000.00		\$	\$
Nodarse & Associates, Inc. 2448 Metrocentre Blvd. West Palm Beach, Florida 33407 (561) 616-0870	Geotechnical Engineering And Materials Testing Services	\$	\$	\$45,000.00	\$
Scheda Ecological Associates, Inc. 1486-A Skees Rd. West Palm Beach, Florida 33411 (561) 689-9198	Environmental Services/Natural Resources	\$	\$	\$20,118.00	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$35,000.00	\$	\$65,118.00	\$

Total Fee:	\$324,239.00	Total % of DBE Participation:	30.88%
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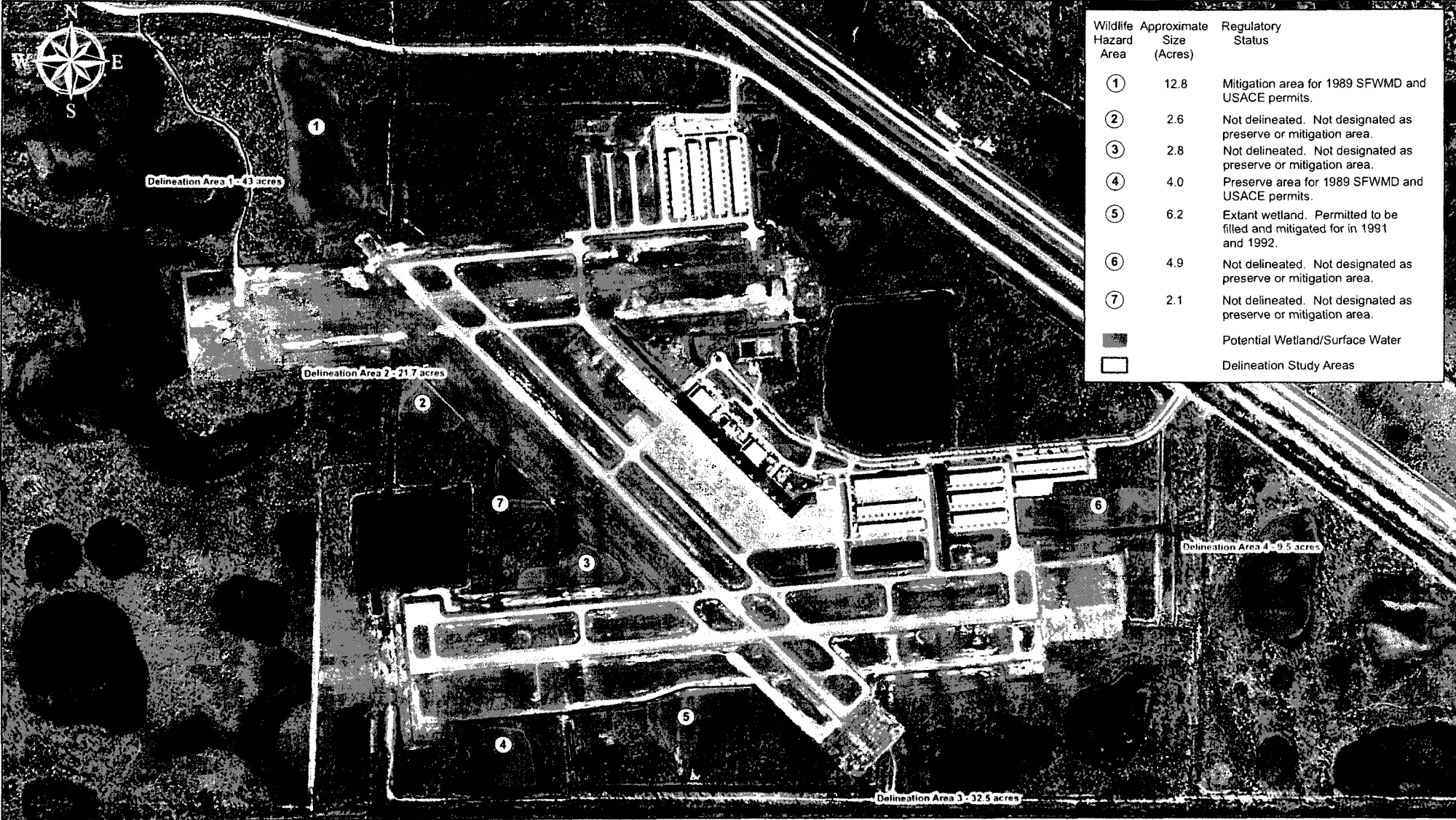


EXHIBIT J
SCOPE OF SERVICES

Task I-03-PBI-L-041

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
PALM BEACH INTERNATIONAL AIRPORT
RUNWAY 9L-WEST-SIX (6) RESIDENTIAL PARCELS

Project Description

The Palm Beach County Department of Airports (COUNTY) has requested appraisal/appraisal review and acquisition/relocation services for the parcels referenced below:

<u>Parcel</u>	<u>Address</u>	<u>Parcel Control Number</u>
W-11	4597 Oxford Street	00-42-43-36-12-000-0200
W-21	4695 Wallis Rd.	00-42-43-36-17-000-0480
W-133	4642 Wallis Rd.	00-42-43-36-09-000-0020
W-156	172 Pine Rd.	00-42-43-36-09-000-0110
W-184	110 Post Rd.	00-42-43-36-00-000-7790
W-192	Post Road – Vacant Lot	00-42-43-36-00-000-7240

Special Services

THE LPA GROUP INCORPORATED’s (CONSULTANT) Subconsultant, O.R. Colan Associates, shall perform all the appraisal/appraisal review and acquisition/relocation services for the referenced parcels. CONSULTANT will perform Subconsultant Procurement and Management Services for this project. Compensation for this work will be based on the Hour and Fee Estimate provided in Exhibit J.

September 3, 2009

Ryan Forney, AIA, NCARB
Senior Project Manager
The LPA Group Incorporated
2000 Palm Beach Lakes Boulevard
Suite 600
West Palm Beach, FL 33409

Subject: Palm Beach County Department of Airports
Task Authorization
Appraisal/Appraisal Review Services
Acquisition/Relocation Services
Palm Beach International Airport
Runway 9L-West - Six (6) Residential Parcels

Dear Mr. Forney:

O.R. Colan Associates (ORC) has been requested by the Palm Beach County Department of Airports provide appraisal, appraisal review, acquisition and relocation services for the parcels referenced below.

Parcel	Owner	Address	Parcel Control Number
W-11	GSE Corp	4597 Oxford Street	00-42-43-36-12-000-0200
W-21	Cooper	4695 Wallis Road	00-42-43-36-17-000-0480
W-133	Kanyuch	4642 Wallis Road	00-42-43-36-09-000-0020
W-156	Roberts	172 Pine Road	00-42-43-36-09-000-0110
W-184	Valencia	110 Post Road	00-42-43-36-00-000-7790
W-192	Stembridge Realty	Post Road – Vacant Lot	00-42-43-36-00-000-7240

The following is a cost estimate for the requested services:

1. **Present offer to purchase to property owner**
2. **Present offer of relocation benefits to property owner**
3. **Attend closings on subject and replacement properties**
4. **Provide relocation and advisory services throughout relocation process**

Hours estimated to complete this scope of work: 660 Hours (not to exceed)
Billable Hourly Rate: Approved billing rates established for 2009 (copy attached)

Principal in Charge	60 hours @ 171.22	\$10,273.20
Acquisition/Relocation Agent	600 hours @136.64	81,984.00
Appraisal/Appraisal Review	6 parcels	\$7,425.00
Expenses		1,500.00
Total Cost (not to exceed)		\$101,182.20

The services contained in this estimate will be prepared in accordance with the Uniform Relocation Act of 1970 and its Amendments. Specifically, the work will be completed in accordance with the FAA ORDER 5100.37B.

Please notify our office upon approval of this request so we may proceed with preparing the reports. Should you have any questions or require any additional information, please feel free to contact our office.

Sincerely,



Theodore M. Pluta
Vice President

TMP/dn

EXHIBIT "B"
SCHEDULE OF HOURLY LABOR BILLING RATES

The following hourly billing rates are for use during 2009 and apply to the Palm Beach County Department of Airports General Engineering Services Contract.

The CONSULTANT'S key personnel include:

Theodore M. Pluta, Vice President
Donna L. Neeley, Right of Way Agent

CONSULTANT: O.R. COLAN ASSOCIATES

DESCRIPTION	HOURLY BILLING RATES
Principal in Charge	\$171.22
Project Manager	\$156.45
Acquisition/Relocation Agent	\$136.64

Exhibit J : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
Palm Beach International Airport
Runway 9L-West Six (6) Residential Parcels
Task I-03-PBI-L-041

Item/Task Description	Principal	Program Manager	Project Manager	Senior (Engineer / Arch / Planner / Scientist)	Engineer / Arch / Planner / Scientist	Designer	Technician	Clerical	Total
2009 Rate	\$201.00	\$201.00	\$171.00	\$171.00	\$144.00	\$108.00	\$82.00	\$76.00	
Special Services									
									0
									0
									0
	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
Subconsultants									
O.R. Colan (NTE)									\$101,182.20
Subconsultant Procurement and Management									\$5,059.00
Expenses									
Lump Sum Expenses									
TOTAL NOT-TO-EXCEED AMOUNT:									\$106,241.20

**SCHEDULE #1
PARTICIPATION FOR DBE CONSULTANTS**

PROJECT NAME:	Palm Beach International Airport RUNWAY 9L-WEST SIX (6) RESIDENTIAL PARCELS	PROJECT NO:	Task No. I-03-PBI-L-041
CONSULTANT:	THE LPA GROUP INCORPORATED	PHONE NO.:	813.889.3892
CONTACT:	Ryan Forney	FAX NO:	813.889.3893
DATE:	September 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)
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
		\$	\$	\$	\$
	Total:	\$	\$	\$	\$

Total Fee:	<u>\$106,241.20</u>	Total % of DBE Participation:	0%
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SCHEDULE 1

SCHEDULE OF CONSULTANT / SUBCONSULTANT HOURLY
LABOR BILLING RATES FOR CALENDAR YEAR 2010

The following hourly billing rates are for use during 2010 and apply to the Palm Beach County Department of Airports General Consulting Services Contract.

Overhead and profit is included in these billing rates for the CONSULTANT. The manhour salary costs by job title description may be increased at the COUNTY’S discretion.

The CONSULTANT’S key personnel include: Ed Parrish, P.E. (Principal), and Mark Kistler, P.E. (Principal)

CONSULTANT: **THE LPA GROUP INCORPORATED**

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$207.00
Program Manager	\$207.00
Project Manager	\$176.00
Senior Engineer/Planner/Architect/Environmental Scientist	\$176.00
Engineer/Planner/Architect/Environmental Scientist	\$148.00
Designer	\$111.00
Technician	\$ 84.00
Senior Inspector	\$131.00
Inspector/RPR	\$ 94.00
Clerical	\$ 78.00

SUBCONSULTANT:

A&B ENGINEERING, INC.
(Utility Design Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$165.00
Project Manager	\$150.00
Sr. Engineer / Sr. Surveyor	\$120.00
Engineer / Surveyor	\$100.00
Sr. Designer /Technician	\$ 75.00
Designer / Technician	\$ 65.00
Field Inspector	\$ 60.00
Sr. Drafter	\$ 60.00
Sr. CADD Technician	\$ 90.00
CADD Technician	\$ 65.00
Administrative Assistant	\$ 55.00
Clerical	\$ 35.00
Survey Technician	\$ 65.00
Survey Crew	\$135.00

*Litigation billing for personnel is 150% of normal billing rates – minimum 2 hours.

SUBCONSULTANT: **BOTKIN PARSSI AND ASSOCIATES**
(Structural Design Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$185.00
Senior Engineer/P.E.	\$150.00
Engineer/P.E.	\$125.00
Engineer (EI)	\$100.00
CADD Operator	\$ 65.00
Inspector/Technician	\$ 65.00

SUBCONSULTANT: **(P.E.) BOWEN ENGINEERING CORPORATION**
(Structural Engineering Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal / P.E.	\$140.00
Engineer	\$ 95.00
CADD	\$ 60.00
Clerical	\$ 25.00

(Topographic Surveying & Mapping Services)

HOURLY BILLING RATES

3-Man Survey Crew	\$132.00
2-Man Survey Crew	\$115.00
GPS System	\$ 10.50/hr.

Professional	\$125.00
Survey Technician	\$ 85.00
CADD Technician	\$ 80.00
Expert Witness	\$265.00

All Terrain Vehicles (airboat, \$85.00/hr. Swampbuggy with Operator, etc.)
Equipment for clearing, when required
Plats and Map from Courthouse
Aerial Photogrammetry
Soils Testing
Mylars for AsBuilts
Abstracts of Title Searches of Public Records

Amendment No. 7

SUBCONSULTANT: **C&N ENVIRONMENTAL CONSULTANTS, INC.**
(Environmental Monitoring Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal Biologist	\$200.00
Senior Biologist/Senior Environmental Scientist	\$120.00
Project Manager	\$100.00
Botanist/Biologist	\$ 90.00
Biologist 1	\$ 80.00
Environmental Design Specialist	\$ 90.00
Environmental Research	\$ 65.00
Environmental Specialist	\$ 90.00
Expert Witness	\$250.00
GIS Technician	\$ 85.00
Cadd Technician	\$ 65.00
Field Supervisor	\$ 65.00
Environmental Technician	\$ 65.00
Licensed Herbicide Applicator	\$ 50.00
Field Technician	\$ 45.00
Clerical	\$ 45.00
Labor Force	\$ 35.00
Quality Control	\$ 80.00
Miscellaneous Rates	
Field Work:	
Mulch	\$22.50 per yard installed
Flags per Bundle	\$6.50 per bundle
Erosion Barrier (silt fence) w/o haybales	\$1.50 per foot installed
Erosion Barrier (silt fence) w/haybales	\$2.50 per foot installed
Construction Fence – includes fence, rebar and wire (no clearing)	\$2.00 per foot installed
Gopher Tortoise Burrow Excavation	\$350.00 per burrow
Gopher Tortoise Fencing	\$2.75 per foot installed
*Trencher – additional \$350.00 per day if C&N picks up the trencher	
*\$120.00 extra per day if trencher is delivered	
Office:	
Color Copies:	\$1.50 per sheet
B&W Copies:	\$0.10 per sheet
Plot:	\$4.00 per plot
Chemicals – (Prices Subject to change):	
Round Up Pro:	\$96.46 per gallon
Weeder:	\$25.44 per gallon
Kinetic HV:	\$74.20 per gallon
Pro-Mate Spray Indicator Dye:	\$55.12 per gallon
Arsenal:	\$546.64 per gallon
Garlon 3A:	\$139.06 per gallon
Rodeo:	\$96.46 per gallon
Impel Red:	\$14.48 per gallon
Equipment:	
Airboat:	\$250.00 per day
Twin-engine 25' Boat:	\$250.00 per day
Chipper:	\$200.00 per day
6 Wheel Amphibian Vehicle:	\$100.00 per day

SUBCONSULTANT: **ENVIRONMENTAL SCIENCE ASSOCIATES**
 (Environmental/Noise Analysis/Airport Planning Services)

Charges will be made at the Category rates set forth below for time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time, etc. Time spent on projects in litigation, in depositions and providing expert testimony will be charged at the Category rate times 1.5.

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Executive Director	\$250.00
Senior Director II	\$225.00
Senior Director I	\$200.00
Director II	\$190.00
Director I	\$175.00
Senior Managing Associate / Technical Associate II	\$165.00
Senior Managing Associate / Technical Associate I	\$160.00
Managing Associate / Technical Associate II	\$150.00
Managing Associate / Technical Associate I	\$145.00
Senior Associate II	\$130.00
Senior Associate I	\$120.00
Associate III	\$105.00
Associate II	\$ 95.00
Associate I	\$ 85.00
Environmental Tech II	\$ 75.00
Environmental Tech I	\$ 65.00
Senior Administrative / Graphics	\$100.00
Administrative / Graphics	\$ 85.00
Clerical	\$ 70.00

- (a) From time to time, ESA retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor may be charged at regular Employee Category rates.

SUBCONSULTANT:

F.R. ALEMAN & ASSOCIATES, INC.
(Subsurface Utility Engineering Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
CADD/Computer Technician	\$ 73.69
Senior Utility Coordinator	\$146.13
Utility Coordinator	\$102.47
Utility Technician	\$ 71.28
Secretary/Clerical	\$ 58.81

Subsurface Utility Engineering/GPR Survey & Locating Services

Daily Rate:	
UTILITIES LOCATES / GPR SERVICES	\$2,005.27
Utility Locates – Test Holes (P/Unit)	\$ 401.05
DESIGNATING / GPR SERVICES	\$1,877.72
Designating Services – (P/Hour)	\$ 268.25

SUBCONSULTANT: **HILLERS ELECTRICAL ENGINEERING**
(Airfield Electrical Engineering Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Project Manager	\$ 110.00
Professional Engineer	\$ 100.00
Project Engineer	\$ 95.00
CADD/Tech	\$ 80.00
Field Engineer	\$ 95.00
Clerical	\$ 45.00

SUBCONSULTANT:

JSM & ASSOCIATES
(Baggage System Analysis & Design Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$180.00
Senior Project Manager	\$165.00
Project Manager	\$150.00
Senior Engineer / Planner / Analysis	\$145.00
Engineer / Planner / Analysis	\$125.00
Junior Engineer / Planner / Analysis	\$110.00
Designer	\$ 90.00
Technician	\$ 70.00
Clerical	\$ 60.00

SUBCONSULTANT: **LEWIS, LONGMAN & WALKER, P.A.**
(Legal Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Shareholder (Bob Diffenderfer)	\$250.00
Associates (Tara Duhy)	\$180.00
Paralegal (Francine Shay)	\$120.00

SUBCONSULTANT: **NODARSE & ASSOCIATES, INC.**
(Geotechnical Engineering & Materials Testing Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal Engineering / Scientist	\$150.00
Threshold Inspector	\$145.00
Senior Project Manager	\$120.00
Senior Project Engineer	\$120.00
Project Engineer	\$ 90.00
Senior Environmental Technician	\$ 60.00
Senior Engineering Technician	\$ 55.00
Engineering Technician	\$ 47.50
Threshold Inspector Representative	\$ 65.00
CADD Operator / Draftsman	\$ 50.00
Secretarial / Word Processing	\$ 47.50
Expert Witness / Testimony	\$270.00

SUBCONSULTANT:

O.R. COLAN ASSOCIATES, INC.
(Land Acquisition Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal-In-Charge	\$171.22
Project Manager	\$156.45
Acquisition/Relocation Agent	\$136.64
Administrative Assistant	\$ 59.20

SUBCONSULTANT: **RAS ENGINEERS AND CONSULTANTS, INC.**
(Material Testing Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Senior Professional Engineer	\$250.00
Professional Engineer	\$175.00
Project Manager	\$140.00
Applications Engineer	\$115.00
CADD Drafter	\$ 95.00
Administrative	\$ 60.00

SUBCONSULTANT: **SCHEDA ECOLOGICAL ASSOCIATES, INC.**
(Environmental Services – Natural Resources)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Expert Witness	\$175.00
Principal Scientist	\$160.00
Senior Scientist IV	\$130.00
Senior Scientist III	\$120.00
Senior Scientist I & II	\$100.00
Environmental Scientist	\$ 80.00
GIS Analyst	\$ 75.00
CADD	\$ 70.00
Environmental Technician	\$ 60.00
Clerical	\$ 55.00

SUBCONSULTANT: **SLACK, JOHNSTON & MAGENHEIMER, INC.**
(Real Estate Appraisal Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$190.00
Senior Appraiser	\$150.00
Staff Appraiser	\$110.00
Clerical	\$ 55.00

SUBCONSULTANT: **SMITH ENGINEERING CONSULTANTS, INC.**
(Electrical / Mechanical / Plumbing Engineering Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal	\$150.00
Engineer	\$125.00
Asst. Engineer	\$ 95.00
CADD Designer	\$ 65.00
Clerical	\$ 45.00
Expert Witness	\$250.00

(Subject to annual increases not to exceed 5%)

SUBCONSULTANT:

THE SUN GROUP
(Architectural / Construction Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Principal Architect	\$165.00
Senior Architect	\$115.00
Associates	\$ 85.00
CADD Technician	\$ 65.00
Clerical	\$ 45.00

SUBCONSULTANT: THEODORE L. STEINWENDER – CONSTRUCTION CONSULTING
(Expert Witness Services)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATES</u>
Production, Reporting, reviewing Documents, Inspection:	\$200.00
Travel Time:	\$ 60.00
Travel by Private Vehicle	\$0.55/mile (IRS Rate)
Travel by Air / Rental Car	As billed, according to Out-of-Pocket Expense (With supporting documentation)
Other Expenses:	Direct Out-of-Pocket Expense (With supporting documentation)

TABLE 2

SCHEDULE OF SUBSISTENCE AND REIMBURSABLE EXPENSES

The following unit prices are used in this Contract for Calendar Year 2010. Adjustments for subsequent years will be based on Federal Rates at the current time of the written task and authorization.

⁽¹⁾ Air Travel.....	At Coach/Economy Cost Based on appropriate City-Pair
Per Diem.....	\$95/day Based on a quarter period (6 hours), no receipts.
<u>OR:</u>	
Hotel/Lodging.....	\$119.00 per person, per day Based on 2006 Federal Per Diem
Subsistence.....	\$40.00 per person per day Breakfast: \$ 6.00 Lunch: \$12.00 Dinner: \$22.00
Rental Car.....	\$56.75 per car, per day Based on 2006 Budget Rental Rates
Personal Auto.....	\$0.55 per mile Based on 2006 Palm Beach County Policies and Procedures Manual Travel – PPM# CW-F-009 (IRS Standard Rate Beginning 01/01/2009)
Overnight Delivery.....	At Cost
Outside Reprographic Services.....	At Cost

- (1) Persons must specify the most economical method of travel. All travel must be by a usually traded route. If a person travels by an indirect route for personal convenience, any extra cost(s) will be at the traveler's expense. Commercial air travel by the most economical class. Other carrier rates paid only if a statement is attached certifying that tourist or coach was not available at a reasonable flight time.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/1/09

PRODUCER (703)827-2277 FAX: (703)827-2279 Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102		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 PO Box 5805 Columbia SC 29250		INSURERS AFFORDING COVERAGE	NAIC #
		INSURER A: CNA	20443
		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/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	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 - COMPI/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 DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/ MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A		OTHER Professional Liability	AEH 00 301 02 94	7/1/2009	7/1/2010	\$5,000,000 per claim \$5,000,000 annual aggregate

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS	
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	CANCELLATION
Palm Beach County Department of Airports Attn: Nancy Herrera Planning & Development Division 846 Palm Beach International 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 * 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 Barbara Sable/BHARRI <i>Barbara A. Sable</i>



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/30/2009

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 P O Box 5805 Columbia SC 29250	<table><tr><th>INSURERS AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: The Phoenix Insurance Company</td><td>25623</td></tr><tr><td>INSURER B: Charter Oak Fire Insurance</td><td>25615</td></tr><tr><td>INSURER C: Travelers Property Casualty</td><td>25674</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: The Phoenix Insurance Company	25623	INSURER B: Charter Oak Fire Insurance	25615	INSURER C: Travelers Property Casualty	25674	INSURER D:		INSURER E:	
INSURERS AFFORDING COVERAGE	NAIC #												
INSURER A: The Phoenix Insurance Company	25623												
INSURER B: Charter Oak Fire Insurance	25615												
INSURER C: Travelers Property Casualty	25674												
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/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR	P-630-7656N454-PHX-09	8/1/2009	8/1/2010	EACH OCCURRENCE \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
					MED EXP (Any one person) \$ 10,000
					PERSONAL & ADV INJURY \$ 1,000,000
					GENERAL AGGREGATE \$ 2,000,000
					PRODUCTS - COMPI/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	P-810-8281B884-COF-09	8/1/2009	8/1/2010	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
					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 \$
C	EXCESS / UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE	P-CUP-8281B896-TIL-09	8/1/2009	8/1/2010	EACH OCCURRENCE \$ 9,000,000
					AGGREGATE \$ 9,000,000
					\$
					\$
					\$
	DEDUCTIBLE				
	<input checked="" type="checkbox"/> RETENTION \$ 10,000				
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under SPECIAL PROVISIONS below	PN-UB-768905-09	8/1/2009	8/1/2010	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	E.L. EACH ACCIDENT \$ 500,000				
	E.L. DISEASE - EA EMPLOYEE \$ 500,000				
	E.L. DISEASE - POLICY LIMIT \$ 500,000				
A	OTHER Valuable Papers	P-630-7656N454-PHX-09	8/1/2009	8/1/2010	Limit \$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 Thomas Suggs/DRH
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ACORD 25 (2009/01)
INS025 (200901)

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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

This Certificate of Insurance 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.

BUDGET TRANSFER
BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA

Fund 4111 Airport Improvement & Development Fund

Advantage Document Numbers:
BGEX
BGRV

Use this form to provide budget for items not anticipated in the budget.

ACCT.NUMBER	ACCOUNT NAME	ADOPTED BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 10/06/09	REMAINING BALANCE
<u>Expenditures</u>								
121-A107-6505	P-Design/Engineering Services	500,000	2,223,324	1,251,277	0	3,474,601	0	3,474,601
121-A900-9909	Reserves Improvement Program	13,251,902	11,354,237		1,251,277	10,102,960	0	10,102,960
Total Appropriations & Expenditures		81,091,993	81,347,664	1,251,277	1,251,277	81,347,664		

OFMB	Signatures	Date	By Board of County Commissioners
INITIATING DEPARTMENT/DIVISION	<u>CM Sumin</u>	<u>10/9/09</u>	At Meeting of
Administration/Budget Department Approval			November 3, 2009
OFMB Department - Posted			Deputy Clerk to the Board of County Commissioners