

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: February 24, 2009

Consent Regular
 Workshop Public Hearing

Department:

Submitted By: Department of Airports

Submitted For:

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

- (A) Amendment No. 5 to the General Consulting Agreement with The LPA Group, Incorporated for Consulting/Professional Services in the amount of \$1,210,978 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 \$1,019,458 in the Airports Improvement and Development Fund for Consulting/Professional Services, including a transfer from Reserves.

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 1-4 were approved for a net increase in the amount of \$3,956,731.50. 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. 5 in the amount of \$1,210,978 will provide funds to complete the following tasks and services: Task I Services – Palm Beach International Airport (PBIA)–Air Cargo Ramp Expansion, North Palm Beach County General Aviation Airport (F45)–Hangars E & F Construction Services, PBIA Apron A & Utilities Construction Services, PBIA–Federal Inspection Services (FIS) Expansion, Palm Beach County Park Airport (LNA)–West Access Road Additional Utility Design, PBIA–Airport Lighting Control and Monitoring System, F45–Entrance Road, PBIA–Main Terminal Water Intrusion, PBIA–Apron A Design Additional Services, and PBIA–Taxiway L Extension Scope Modification; Task III Services – Staff Extension and Miscellaneous Planning, Engineering and Construction Services. Certain tasks performed during the term of this Amendment may be eligible for State and Federal grant participation. The Disadvantaged Business Enterprise (DBE) participation for this Amendment is 27.97%. The total DBE contract goal including all amendments is 19.76%. **Countywide (JCM)**

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

Attachments:

- 1. Amendment No. 5 with The LPA Group, Incorporated – 3 Originals
- 2. Budget Transfer

Recommended By:



Department Director

1/28/09

Date

Approved By:



County Administrator

2/11/09

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

| Fiscal Years | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|--------------------|-------|-------|-------|-------|
| Capital Expenditures | \$1,210,978 | _____ | _____ | _____ | _____ |
| Operating Costs | _____ | _____ | _____ | _____ | _____ |
| External Revenues | (\$184,467) | _____ | _____ | _____ | _____ |
| Program Income (County) | _____ | _____ | _____ | _____ | _____ |
| In-Kind Match (County) | _____ | _____ | _____ | _____ | _____ |
| NET FISCAL IMPACT | \$1,026,511 | ===== | ===== | ===== | ===== |
| # ADDITIONAL FTE POSITIONS (Cumulative) | _____ | _____ | _____ | _____ | _____ |

Is Item Included in Current Budget? Yes _____ No **X**
 Budget Account No: Fund 4111 Department 121 Unit A107/A258 Object 6505/6504
 FDOT # 41630419401 Reporting Category _____
 EXPAND APPROV APBA FUND 4111 DEPT 121 UNIT A258 OBJECT 3404

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

Approval of this item will authorize the expenditure of \$1,210,978. Funding sources consist of: Florida Department of Transportation grant funding of \$184,467 and \$1,026,511 of Airport Revenues. Included is a transfer from reserves of \$1,019,458.

C. Departmental Fiscal Review: *Chris...*

III. REVIEW COMMENTS

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

John...
John... 2-6-09
 OFMB
 2/5/09
 2/2/09

A. J. ... 2/10/09
 Contract Dev. and Control
 2/9/09

B. Legal Sufficiency:

... 2/11/09
 Assistant County Attorney

This amendment complies with our review requirements.

C. Other Department Review:

 Department Director

**AMENDMENT NO. 5 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. 5 to the Contract is made as of the _____ day of _____, 2009, by and between Palm Beach County, Florida (COUNTY) and THE LPA GROUP INCORPORATED, a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, having its office and principal place of business at 700 Huger Street, Columbia, South Carolina 29201, whose Federal Tax I.D. number is 57-0716200.

WITNESSETH

WHEREAS, on November 21, 2006, the County entered into an Agreement (R2006-2418) with the CONSULTANT for the CONSULTANT to provide General Airport Consulting Services for the Palm Beach County Department of Airports, for a period of two (2) years, with two (2) one (1)-year renewal options, the exercise of which are within COUNTY'S sole control and discretion; and

WHEREAS, on May 1, 2007, the COUNTY entered into an Amendment #1 (R2007 0635) with the CONSULTANT for the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on November 20, 2007, the COUNTY entered into an Amendment #2 (R2007 2072) with the CONSULTANT for the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on June 17, 2008, the COUNTY entered into an Amendment # 3 (R2008 1048) with the CONSULTANT for the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement; and

WHEREAS, on October 21, 2008, the COUNTY entered into an Amendment #4 (R2008 1847) with the CONSULTANT for the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 25 of the original Agreement, and, further, amended the Agreement in order to exercise the second one (1) year renewal option, with an effective date for year three of November 21, 2008; and

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

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

1. The parties hereby agree to amend the Contract to include the Scope of Services and Fees as outlined in Exhibit I. The total amount to be paid by the COUNTY to the CONSULTANT for professional services, including any out of pocket expenses, shall not exceed **One Million Two Hundred Ten Thousand Nine Hundred Seventy-eight Dollars and No Cents (\$1,210,978.00)** for the services in Amendment No. 5 to the original Contract.
2. Except as specifically amended herein, all other terms and conditions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused the Fifth Amendment to the Contract to be signed by the Chairperson of the Board of County Commissioners and the Seal of said Board to be fixed hereto and attested by the Clerk of said board, and the CONSULTANT, THE LPA GROUP INCORPORATED, has caused these present to be signed in its corporate name by its duly authorized officer Mohsen Mohammadi, acting on behalf of said CONSULTANT, and the Seal of said CONSULTANT to be affixed hereto and attested by the Secretary of said CONSULTANT, the day and year first written above.

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

ATTEST:
SHARON R. BOCK,
Clerk and Comptroller

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
John F. Koons, Chairman

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY

CONSULTANT:

BY: _____
County Attorney

THE LPA GROUP INCORPORATED
Company Name

APPROVED AS TO TERMS AND
CONDITIONS:

A South Carolina Corporation
(Insert Date of Incorporation)

By: [Signature]
Director of Airports

By: [Signature]
(Signature)

[Signature]
(Witness Signature - Consultant)

For Mohsen Mohammadi, Ph.D., P.E.
(Print Signatory's Name)

Julie A. Lorenz
Witness Name (Type or Print)

Vice President
(Print Title)

January 28, 2009
(Date of Execution)

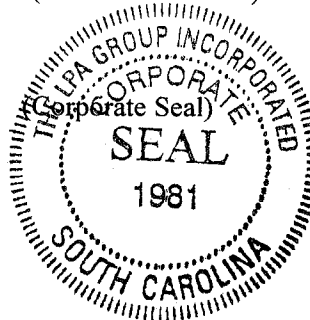


EXHIBIT "I"

SCOPES OF SERVICES AND FEES

A. The scopes of service for this Amendment #5 include Specific 2008-2009 Projects (Task I) and Specific Miscellaneous Planning and Engineering Services (Task III) as described in the Agreement dated November 21, 2006 (R2006-2418). Specifically these services will include:

Task I - Specific 2008-2009 Projects:

- Task I-03-PBI-L-018 Palm Beach International Airport
Air Cargo Ramp Expansion

- Task I-03-F45-L-019 North Palm Beach County General Aviation Airport
Construct Hangars E and F & Utilities –
Construction Services

- Task I-03-PBI-L-020 Palm Beach International Airport
Apron A & Utilities – Construction Phase Services

- Task I-03-PBI-L-021 Palm Beach International Airport
FIS Expansion

- Task I-03-LNA-L-022 Palm Beach County Park Airport
West Access Road - Additional Utility Design

- Task I-03-PBI-L-023 Palm Beach International Airport
Airport Lighting Control and Monitoring System
(ALCMS)

- Task I-03-F45-L-024 North Palm Beach County General Aviation Airport
Entrance Road

- Task I-03-PBI-L-025 Palm Beach International Airport
Main Terminal Water Intrusion

- Task I-03-PBI-L-026 Palm Beach International Airport
Apron A Design – Additional Services

- Task I-03-PBI-L-027 Palm Beach International Airport
Taxiway L Extension Scope Modification

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

- 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-018 PBI Air Cargo Ramp Expansion | \$256,955.00 | \$69,215.00 | \$9,644.00 | | \$335,814.00 |
| Task I-03-F45-L-019 F45 Construct Hangars E and F & Utilities – Construction Services | \$ 1,576.00 | \$105,604.00 | \$3,705.00 | | \$110,885.00 |
| Task I-03-PBI-L-020 PBI Apron A & Utilities – Construction Phase Services | \$ 2,600.00 | \$96,647.00 | \$4,500.00 | | \$103,747.00 |
| Task I-03-PBI-L-021 PBI FIS Expansion | \$100,047.00 | \$73,963.00 | \$8,609.00 | | \$182,619.00 |
| Task I-03-LNA-L-022 LNA West Access Road - Additional Utility Design | \$ 30,779.00 | \$10,000.00 | \$2,000.00 | | \$ 42,779.00 |
| Task I-03-PBI-L-023 PBI ALCMS | \$ 81,761.00 | | \$ 1,189.00 | | \$82,950.00 |
| Task I-03-F45-L-024 F45 Entrance Road | \$ 26,602.00 | | \$1,330.00 | | \$ 27,932.00 |
| Task I-03-PBI-L-025 PBI Main Terminal Water Intrusion | \$ 52,597.00 | \$ 54,323.00 | \$ 4,559.00 | | \$111,479.00 |
| Task I-03-PBI-L-026 Apron A Design – Additional Services | \$ 87,773.00 | | | | \$ 87,773.00 |
| Task I-03-PBI-L-027 Taxiway L Extension Scope Modification of Scope only; Fee N/A | \$-0- | \$-0- | \$-0- | \$-0- | -\$0- |
| Total Task I: | \$640,690.00 | \$409,752.00 | \$ 35,536.00 | -0- | \$1,085,978.00 |
| III-03-DOA-L-001 Staff Extension | | \$ 75,000.00 | | | \$ 75,000.00 |
| III-03-DOA-L-002 Misc. Planning, Engineering, and Construction Services | | \$ 50,000.00 | | | \$ 50,000.00 |
| Total Task III: | | \$125,000.00 | | -0- | \$125,000.00 |
| Total Fees (Not to Exceed): | | | | | \$1,210,978.00 |

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Attachments:

| | |
|-------------|--|
| Schedule #1 | Participation for DBE Consultants – AMENDMENT NO. 5 |
| Exhibit “A” | Task I-03-PBI-L-018 PBI Air Cargo Ramp Expansion Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “B” | Task I-03-PBI-L-019 F45 Construct Hangars E and F & Utilities – Construction Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “C” | Task I-03-PBI-L-020 PBI Apron A & Utilities – Construction Phase Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “D” | Task I-03-PBI-L-021 PBI FIS Expansion Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “E” | Task I-03-LNA-L-022 LNA West Access Road - Additional Utility Design Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “F” | Task I-03-PBI-L-023 Palm Beach International Airport Airport Lighting Control and Monitoring System (ALCMS) Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit “G” | Task I-03-F45-L-024 F45 Entrance Road Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |

| | |
|-------------|--|
| Exhibit "H" | Task I-03-PBI-L-025 PBI Main Terminal Water Intrusion Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit "I" | Task I-03-PBI-L-026 PBI Apron Design – Additional Services Scope of Work/Fee Schedule Schedule #1 (Participation for DBE Consultants) |
| Exhibit "J" | Task I-03-PBI-L-027 PBI Taxiway L Extension Scope Modification Modified Scope of Work, only |
| TABLE 1 | Consultant / Subconsultant Hourly Labor Billing Rates |
| TABLE 2 | Schedule of Subsistence and Reimbursable Expenses |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|---|-----------------------|---------------------|
| PROJECT NAME: | Amendment # 5 To Contract Between Palm Beach County and THE LPA GROUP INCORPORATED FOR Consulting/Professional Services | RESOLUTION NO: | 2006-2418 |
| CONSULTANT: | <u>THE LPA GROUP INCORPORATED</u> | PHONE NO. | <u>813-889-3892</u> |
| CONTACT: | <u>Mohsen Mohammadi</u> | FAX NO. | <u>813-889-3893</u> |
| DATE: | <u>December 30, 2008</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) |
| A& B Engineering, Inc. 3461 Fairlane Farms Road Wellington, Florida 33414 (561) 383-7480 | Utilities Design Services | \$ | \$ | \$ | \$75,474.00 |
| (P.E.) Bowen Engineering Corporation 1528 Vassar Street Orlando, Florida 32804 (407) 423-7585 | Structural Engineering Services | \$ | \$10,020.00 | \$ | \$ |
| Brown & Phillips, Inc. 901 Northpoint Parkway, Suite 119 West Palm Beach, Florida 33407 (561) 615-3988 | Surveying/Mapping | \$22,220.00 | \$ | \$ | \$ |
| Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, Florida 33428 (561) 451-9165 | Airfield Mechanical / Electrical Engineering / NAVAIDS | \$ | \$114,895.00 | \$ | \$ |
| Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870 | Geotechnical Engineering / Materials Testing | \$ | \$ | \$100,605.00 | \$ |
| Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Boulevard Suite 312 West Palm Beach, Florida 33409 (561) 616-3911 | Electrical / Mechanical / Plumbing Engineering | \$ | \$ | \$ | \$15,490.00 |
| Total: | | \$22,220.00 | \$124,915.00 | \$100,605.00 | \$90,964.00 |

| | |
|-------------------------------|-----------------------|
| Total Fee: | \$1,210,978.00 |
| Total % of DBE Participation: | 27.97% |

*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. 5 shall exceed 26%.

EXHIBIT A

Scope of Work

Palm Beach County Department of Airports
Task I-03-PBI-L-018
Palm Beach International Airport
Air Cargo Ramp Expansion

PROJECT DESCRIPTION

The Palm Beach County Department of Airports (DOA) intends to expand the current air cargo apron to the west to increase capacity for a future cargo tenant. The dimensions of the apron will be approximately 265'x265'. A 145' x 265' Ground Service Equipment (GSE) area is to the north. Currently on the site there is a small grass area immediately to the west of the existing cargo apron followed by a vehicular overflow parking lot. The expansion will take up a significant portion of the overflow lot requiring a reconfiguration of the access road, parking stalls, covered shelters, lot lighting and call signals. The construction cost is approximately \$2,500,000.

The proposed design will consist of PCC pavement in the parking position. Service roads and GSE areas will be asphalt. Site lighting will also be provided.

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

| | |
|---|---|
| Paving Plans | Environmental Impact Assessment |
| Grading | Stormwater Permit |
| Swale Design and Closed System Drainage | Survey |
| Earthwork | Geotechnical Evaluation |
| Apron and Parking Lot Lighting | Aircraft tether design |
| Parking Lot Layout | Fence and Gate Relocation (including access controls) |
| Pavement Design for Critical Aircraft | Pavement Marking |
| Apron Edge Lighting | Safety Plan and Project Layout |
| Quantity Calculations | Pavement Profiles |
| Cross Sections | FAA and FDOT coordination |
| Utility Coordination and Relocation | |

PHASE 1: PROGRAM VERIFICATION/SCHEMATIC DESIGN

The CONSULTANT will acquire and examine the existing Record Drawings, perform Field Verifications and evaluate the existing estimated construction costs. The CONSULTANT will also review and evaluate the existing survey and soils data and verify the utility locations and possible conflicts. The CONSULTANT will review the current Airport System Plan and the Stormwater Master Plan to ensure the design of the new Apron meets the goals of the ultimate development for the north side of the airfield. The CONSULTANT will prepare conceptual drawings for the ultimate ramp condition accommodating three aircraft parking positions and ground service equipment. Two alternatives will be considered and reviewed by DOA and the tenant. As part of this phase, the CONSULTANT will provide site layout drawings and cost estimates to DOA and the tenant 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
- Gather subsurface utility information
- Identify cargo SIDA requirements
- Configuring parking and tractor trailer access
- Drainage Considerations
- Geotechnical Investigation
- Topographic Survey
- South Florida Water Management coordination (Pre-Application Meeting)
- Part 77 surfaces in relation to project area and future construction
- Pavement design, aircraft rigid and flexible pavement design, GSE and vehicular parking areas
- Submittal of Categorical Exclusion
- General Coordination with Airport staff

Prior to initiating the 30% Design, the Consultant will perform Field Verifications.

The CONSULTANT shall proceed with the preliminary design to include the aircraft parking position, GSE layout, ground equipment movement areas, security, and overflow parking re-configuration. It is assumed that no additional stormwater ponds will be required for this expansion. The conversion of the grass area between the taxilane and the parking lot to a paved area will be replaced by a grass area between the west end of the new cargo apron and the new edge of the parking lot. The drainage design will be limited to verifying the capacity of the existing storm system, replacing existing drainage pipes and structures to accommodate aircraft loading and re-grading of the new grass area for swales and new inlet structures. 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
- Utility Coordination
- Fence and Gate Relocation Plans
- 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 | Pavement Marking 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 3A- 60% DESIGN (SUBMITTAL NOT INCLUDED)

The CONSULTANT will proceed with the preparation of Contract Documents. However, due to the fast-track 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
- Final Electrical Design (Apron Edge Lighting and Apron, Parking and Roadway Lighting)
- Grading Plans
- Submittal of SFWMD Permit

- 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 |
| Paving Details | Concrete Joint Layout Plan |
| Grading and Drainage Plans | Profile Sheets |
| Drainage Details | Signing and Marking Plans |
| Utility Relocation Plans | Erosion Control Plans |
| Cross Sections | Pavement Lighting Plan |
| Taxiway Lighting and Signage Plans | Electrical Details |
| Miscellaneous Details | |

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

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

PHASE 3C - 100% DOCUMENTS:

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

- Incorporate Airport Comments
- 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: | 90 Days |
| Phase 5: | 120 Days |

Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Air Cargo Ramp Expansion
Task No. I-03-PBI-L-018

| 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 | | | | | | | | |
| Coordinate with DOA | 4 | 2 | 4 | | | | | 10 |
| Acquire and Examine Record Drawings | | | | 2 | | 2 | | 4 |
| Perform Field Verifications | 4 | 2 | 2 | | | | | 8 |
| Concept Planning Meeting | | 2 | | | | | | 2 |
| 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 the Current Stormwater Master Plan prepared by CH2M Hill | | 2 | 2 | | 2 | | | 6 |
| Review the Current Airport System Plan prepared by CH2M Hill | | 2 | 2 | | 2 | | | 6 |
| Perform Schematic Design Studies | | | 4 | | 4 | 8 | | 16 |
| Prepare Schematic Plans | | 2 | 4 | | 4 | 8 | | 18 |
| Quality Review | 2 | | | | | | | 2 |
| Review meeting with DOA | 2 | 2 | | | | | | 4 |
| Phase 1: Program Verification/Schematic Design Hour | 12 | 14 | 20 | 6 | 14 | 18 | 0 | 84 |
| Phase 1: Program Verification/Schematic Design Fee | \$2,412 | \$2,394 | \$3,420 | \$864 | \$1,512 | \$1,476 | \$0 | \$12,078 |
| Phase 2: Design Development (30% Design) | | | | | | | | |
| Acquire and Examine Existing Drawings | | | 4 | | | 2 | | 6 |
| Programming meeting(s) with Owner | 2 | | | | | | | 2 |
| Gather subsurface utility information | | | | 2 | | 4 | | 6 |
| Identify cargo SIDA requirements | | | 4 | | | | | 4 |
| Process survey and base files | | | | | | 24 | | 24 |
| Site Design | | 4 | 8 | | 16 | 24 | | 52 |
| Drainage Design | | | | | | | | 0 |
| Drainage Considerations | | 2 | 8 | | | | | 10 |
| Identify watersheds | | | | 8 | 4 | | | 12 |
| Model Existing drainage conditions | | | 4 | 24 | | | | 28 |
| Proposed drainage routing- ditches, piping | | | 4 | 16 | 8 | | | 28 |
| Compare pre-and post stormwater volumes | | | | 8 | | | | 8 |
| Prepare Drainage maps | | | | 4 | 8 | | | 12 |
| Analyze Part 77 surfaces | | | | | 2 | | | 2 |
| Pavement design | | | 4 | | | | | 4 |
| Submittal of Categorical Exclusion | | 2 | 2 | | 2 | | 2 | 8 |
| Perform Field Verifications | | 8 | | 8 | 8 | | | 24 |
| Plan Sheet Production | | | | | | | | |
| Prepare Cover sheet | | | | 1 | | 2 | | 3 |
| Prepare General Notes | | | | 3 | | 4 | | 7 |
| Prepare Project Layout Plan | | | | | 2 | 4 | | 6 |
| Prepare Construction Phasing Plan | | | | 2 | 2 | 4 | | 8 |
| Prepare Typical Sections | | | | 4 | | 8 | | 12 |
| Prepare Soil Boring Layout Plan | | | | | | 6 | | 6 |
| Prepare Staking and Demolition Plan | | | | 4 | 16 | 24 | | 44 |
| Prepare Grading and Drainage Plan | | | | | 24 | 16 | | 40 |
| Prepare Pavement Marking Plan | | | | | 4 | 8 | | 12 |
| Prepare Engineer's Report | | | 8 | 4 | | | | 12 |
| Prepare Detailed Cost Estimate | | 2 | | 2 | 4 | | | 8 |
| Quality Review | 4 | | | | | | | 4 |
| Review meeting with DOA | 4 | 4 | | | | | | 8 |
| Phase 2: Design Development (30% Design) Hours | 10 | 22 | 46 | 90 | 100 | 130 | 2 | 400 |
| Phase 2: Design Development (30% Design) Fee | \$2,010 | \$3,762 | \$7,866 | \$12,960 | \$10,800 | \$10,680 | \$152 | \$48,210 |

Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Air Cargo Ramp Expansion
Task No. I-03-PBI-L-018

| 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 | | | | | | | | |
| General Project Coordination | 4 | 8 | | | | | | 12 |
| FAA airspace checklist | | | | 4 | | | | 4 |
| Design of site contours and grading | | | | | 24 | | | 24 |
| Utility Relocation design and coordination | | 4 | 4 | 8 | 4 | | | 20 |
| Prepare Front Ends | | 2 | 4 | | | | 16 | 22 |
| Prepare Technical Specifications | | 2 | 8 | 16 | | | 24 | 50 |
| Drainage Design | | | 16 | | 16 | | | 32 |
| Refine proposed watersheds | | | | 8 | | | | 8 |
| Model Proposed storm system | | | 4 | 24 | 8 | | | 36 |
| Drainage report | | 2 | 4 | 8 | 4 | | 4 | 22 |
| Plan Sheet Production | | | | | | | | 0 |
| Prepare Summary of Quantities Sheet | | | | | | 2 | | 2 |
| Revise Project Layout Plan | | | | | 2 | 2 | | 4 |
| 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 | | 16 | 40 | | 58 |
| Prepare Paving Details | | | 2 | | 2 | 2 | | 6 |
| Prepare Concrete Joint Plan | | | 2 | | 4 | 8 | | 14 |
| Prepare Grading and Drainage Sheets | | | 4 | 4 | 24 | 40 | | 72 |
| Revise Profile Sheets | | | | | 4 | 2 | | 6 |
| Prepare Drainage Detail sheets | | | | 2 | | 4 | | 6 |
| Prepare Utility Relocation Plans | | | | 2 | 2 | 2 | | 6 |
| Prepare Erosion Control Plans | | | | 2 | | 4 | | 6 |
| Prepare Fence and Gate Details | | | 2 | | 4 | 8 | | 14 |
| Revise Pavement Marking plan and details | | | | | 4 | 8 | | 12 |
| Prepare Miscellaneous Details | | | | 2 | 4 | 8 | | 14 |
| Update Cost Estimates | | | 2 | 2 | 4 | | | 8 |
| Revise Engineers Report | | 4 | 4 | 2 | 2 | | 8 | 20 |
| Quality Review | 4 | | | | | | | 4 |
| Review Meeting with DOA | 4 | 4 | | | | | | 8 |
| Phase 3B: 90% Design Hours | 12 | 26 | 64 | 84 | 134 | 132 | 52 | 504 |
| Phase 3B: 90% Design Fee | \$2,412 | \$4,446 | \$10,944 | \$12,096 | \$14,472 | \$10,824 | \$3,952 | \$59,146 |
| Phase 3C: 100% Documents | | | | | | | | |
| Incorporate DOA 90% review comments | | 4 | | | 8 | 16 | | 28 |
| Finalize Plans | | | | 4 | 16 | 24 | | 44 |
| Finalize Front end Specifications | | 8 | | 4 | | | 12 | 24 |
| Finalize Technical Specifications | | 16 | | 4 | | | 12 | 32 |
| Prepare Bid Schedule | | 2 | 2 | | | | 2 | 6 |
| Finalize Cost Estimate | | 2 | 2 | 2 | 4 | 2 | | 12 |
| Finalize Engineer's Report | | 4 | 4 | | 2 | | 4 | 14 |
| Quality Review | 2 | | | | | | | 2 |
| Phase 3C: 100% Documents Hours | 2 | 36 | 8 | 14 | 30 | 42 | 30 | 162 |
| Phase 3C: 100% Documents Fee | \$402 | \$6,156 | \$1,368 | \$2,016 | \$3,240 | \$3,444 | \$2,280 | \$18,906 |
| Phase 4: Bidding Phase Services | | | | | | | | |
| Advertise and Coordinate | 2 | | | | | | 2 | 4 |
| Distribute Bidding Documents | | | | | | | 24 | 24 |
| Pre-Bid Conference/ Minutes | 2 | 8 | | 2 | | | 2 | 14 |
| Answers to Bidders/Issue Addenda | | | 8 | 16 | | | 8 | 32 |
| Bid Opening | | 4 | | | | | | 4 |
| Review Bids for Responsiveness | | 2 | 4 | | | | 14 | 20 |
| Certified Bid Tabs/Award Contract | | 2 | | 4 | | | 4 | 10 |
| Contract Preparation | | 2 | | 2 | | | 8 | 12 |
| Phase 4: Bidding Phase Services Hours | 4 | 18 | 12 | 24 | 0 | 0 | 62 | 120 |
| Phase 4: Bidding Phase Services Fee | \$804 | \$3,078 | \$2,052 | \$3,456 | \$0 | \$0 | \$4,712 | \$14,102 |

**Exhibit A : Hour and Fee Estimate
Palm Beach International Airport
Air Cargo Ramp Expansion
Task No. I-03-PBI-L-018**

| Item/Task Description | Program Manager | Project Manager | Senior Engineer / Archt / Planner / Scientist | Engineer / Archt / Planner / Scientist | Designer | Technician | Clerical | Total |
|---|-----------------|-----------------|---|--|-----------------|-----------------|-----------------|---------------------|
| Rate Schedule | \$201.00 | \$171.00 | \$171.00 | \$144.00 | \$108.00 | \$82.00 | \$76.00 | |
| Phase 6: Construction Phase Services | | | | | | | | |
| General Coordination with DOA | 10 | 8 | | | | | | 18 |
| Pre-Construction Conference | | 4 | | | | | 2 | 6 |
| Weekly meetings (18 meetings) | | 8 | 36 | | | | 8 | 52 |
| Review Shop Drawings/Submittals | | 4 | 16 | | | | 4 | 24 |
| Review Pay Applications | | 2 | 8 | | | | 2 | 12 |
| Review Payrolls, DBE reports, EEO reports | | | 4 | | | | 2 | 6 |
| Review Test Results | | | 4 | | | | | 4 |
| Bi-Monthly Site Visits (8 Visits) | | | 16 | | | | | 16 |
| Review and Respond to RFI's | | 2 | 8 | | | | 4 | 14 |
| Final Inspection/ Punch List items | | 4 | 4 | | | | 2 | 10 |
| Review/ Submit Record Drawings | | | 2 | | 8 | 16 | 2 | 28 |
| 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 Phase Services Hours | 10 | 32 | 108 | 0 | 8 | 16 | 34 | 208 |
| Phase 5: Construction Phase Services Fee (NTE) | \$2,010 | \$5,472 | \$18,468 | \$0 | \$864 | \$1,312 | \$2,584 | \$30,710 |
| Total Basic Services | | | | | | | | |
| Total Estimated Hours: | 50 | 148 | 258 | 218 | 286 | 338 | 180 | 1478 |
| Total Estimated Labor Costs (Not-to-Exceed): | \$10,050 | \$25,308 | \$44,118 | \$31,392 | \$30,888 | \$27,716 | \$13,680 | \$183,152 |
| 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 | \$0 | \$1,710 | \$7,524 | \$0 | \$0 | \$492 | \$0 | \$9,726 |
| Labor Totals | | | | | | | | |
| Total Estimated Hours: | 50 | 158 | 302 | 218 | 286 | 344 | 180 | 1538 |
| Total Estimated Labor Costs (Not-to-Exceed): | \$10,050 | \$27,018 | \$51,642 | \$31,392 | \$30,888 | \$28,208 | \$13,680 | \$192,878 |
| Subconsultants | | | | | | | | |
| Hillers - Site Electrical (LS) | | | | | | | | \$35,615.00 |
| Hillers - CA Services (Not-to-Exceed) | | | | | | | | \$13,505.00 |
| Brown & Phillips - Survey (LS) | | | | | | | | \$22,220.00 |
| Nodarse - Geotechnical (LS) | | | | | | | | \$30,605.00 |
| Nodarse - Q/A Testing(Not-to-Exceed) | | | | | | | | \$25,000.00 |
| Total Subconsultants | | | | | | | | \$126,945.00 |
| Subconsultant Procurement and Management (Lump Sum) | | | | | | | | \$6,347.00 |
| Expenses | | | | | | | | |
| Total Expenses | | | | | | | | \$9,644.00 |
| TOTAL NOT-TO-EXCEED AMOUNT: | | | | | | | | \$335,614.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|--|--------------------|-------------------------|
| PROJECT NAME: | Palm Beach International Airport Air Cargo Ramp Expansion | PROJECT NO: | Task No. I-03-PBI-L-018 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO: | 813.889.3893 |
| DATE: | December 30, 2008 | DEPARTMENT: | Airports |

| Name, Address and Phone Number of DBE Subcontractor | Type of Work to be performed | DBE Subcontractor Amount | | | |
|--|--|--------------------------|-------------|-------------|---------------|
| | | Black | Hispanic | S/WBE Women | Other (S/MBE) |
| Brown & Phillips, Inc. 901 Northpoint Parkway, Suite 119 West Palm Beach, Florida 33407 (561) 615-3988 | Surveying & Mapping | \$22,220.00 | \$ | \$ | \$ |
| Hillers Electrical Engineering, Inc. 23257 State Road 7 Suite 100 Boca Raton, Florida 33428 (561) 451-9165 | Electrical Design and Construction Admin Svcs. | \$ | \$49,120.00 | \$ | \$ |
| Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870 | Geotechnical Engineering and Materials Testing Svcs. | \$ | \$ | \$55,605.00 | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$22,220.00 | \$49,120.00 | \$55,605.00 | \$ |

| | | | |
|-------------------|--------------|--------------------------------------|--------|
| Total Fee: | \$335,814.00 | Total % of DBE Participation: | 37.80% |
|-------------------|--------------|--------------------------------------|--------|

EXHIBIT B

Scope of Work

Palm Beach County Department of Airports
Task No. I-03-F45-L-019
North Palm Beach County General Aviation Airport
Construct Hangars E and F & Utilities - Construction Services

PALM BEACH COUNTY (COUNTY) has requested construction phase services from THE LPA GROUP INCORPORATED (CONSULTANT), for the subject project. Standard 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 closeout the project with jurisdictional agencies. It includes a minimum number of required inspections for utility tie-ins, force and water mains pressure test, punchlist preparation, punchlist verification, shop drawings review, opinion on CCP's, requests for information and pertinent certifications.

Other Provisions

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.

Exhibit B : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
 North Palm Beach County General Aviation Airport (F45)
 Construct Hangars E and F & Utilities - Construction Services
 Task No. I-03-F45-L-019

| 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 | |
| Basic Services - LPA Civil/Site | | | | | | | | |
| Construction/Closeout Duration (12 Months) | | | | | | | | 0 |
| General Coordination with the the COUNTY | 8 | 48 | 8 | 8 | | | | 72 |
| Pre-Construction Conference | | | | 4 | | | 2 | 6 |
| Bi-Weekly meetings (2 hrs) | | | | 44 | | | | 44 |
| Review Shop Drawings/Submittals | | | | 8 | 8 | | 8 | 24 |
| Review Pay Applications | | | | 10 | | | 10 | 20 |
| Review Test Results | | | | 22 | | | | 22 |
| Monthly Site Visits | | | | 44 | | | | 44 |
| Review and Respond to RFI's | | | | 36 | | | | 36 |
| Final Inspection/ Punch List items | | | | 4 | | | | 4 |
| Review/ Submit Record Drawings | | | | 4 | 12 | | | 16 |
| Review Contractor's Closeout Documents | | | | 4 | | | | 4 |
| Prepare DBE Reporting Form | | | | 2 | | | | 2 |
| Submittal of Final Report/ Close Out Grant | | | | 8 | | | 16 | 24 |
| Basic Services - LPA Civil/Site Hours | 8 | 48 | 8 | 198 | 20 | 0 | 36 | 318 |
| Basic Services - LPA Civil/Site Fee (Not-to-Exceed) | \$1,608 | \$8,208 | \$1,368 | \$28,512 | \$2,160 | \$0 | \$2,736 | \$44,592.00 |
| Basic Services - LPA Architecture | | | | | | | | |
| General Coordination with the COUNTY | | | 4 | | 8 | | | 12 |
| General Coordination with the Contractor | | | 8 | | 32 | | | 40 |
| Pre-Construction Conference | | | 2 | | 2 | | | 4 |
| Bi-Weekly meetings | | | 12 | | 32 | | 4 | 48 |
| Review Shop Drawings/Submittals | | | 2 | | 16 | | | 18 |
| Review Pay Applications | | | 4 | | 2 | | 2 | 8 |
| Review Test Results | | | 2 | | 4 | | | 6 |
| Monthly Site Visits | | | 12 | | 24 | | | 36 |
| Review and Respond to RFI's | | | 4 | | 16 | | 4 | 24 |
| Substantial Completion Inspection / Prep Punch List | | | 4 | | 8 | | 2 | 14 |
| Final Inspection/ Punch List items | | | 8 | | 8 | | 4 | 20 |
| Review/ Submit Record Drawings | | | 4 | | 4 | | 2 | 10 |
| Basic Services - LPA Architecture Hours | 0 | 0 | 66 | 0 | 156 | 0 | 18 | 240 |
| Basic Services - LPA Architecture Hours (Not-to-Exceed) | \$0 | \$0 | \$11,286 | \$0 | \$16,848 | \$0 | \$1,368 | \$29,502.00 |
| Subconsultants | | | | | | | | |
| Smith - Electrical, Mechanical & Plumbing Engineering (NTE) | | | | | | | | \$5,490.00 |
| Bowen - Structural Engineering (NTE) | | | | | | | | \$3,020.00 |
| Nodarse - Q/A Testing (NTE) | | | | | | | | \$20,000.00 |
| A&B Engineering - Utilities (NTE) | | | | | | | | \$3,000.00 |
| Subconsultant Procurement and Management (Lump Sum) | | | | | | | | \$1,576.00 |
| Expenses | | | | | | | | |
| Lump Sum Expenses | | | | | | | | \$3,705.00 |
| TOTAL NOT TO EXCEED AMOUNT | | | | | | | | \$110,886.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME: North Palm Beach County General Aviation Airport (F45)
 Construct Hangars E and F & Utilities – Construction Services

PROJECT NO: Task No. I-03-F45-L-019

CONSULTANT: THE LPA GROUP
 INCORPORATED

PHONE NO.: 813.889.3892

CONTACT: Mohsen Mohammadi

FAX NO: 813.889.3893

DATE: December 30, 2008

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) |
| A & B Engineering, Inc. 3461 Fairlane Farms Road Wellington, Florida 33414 (561) 383-7480 | Utilities Design Services | \$ | \$ | \$ | \$3,000.00 |
| (P.E.) Bowen Engineering Corporation 1528 Vassar Street Orlando, Florida 32804 (407) 423-7585 | Structural Engineering Services | \$ | \$3,020.00 | \$ | \$ |
| Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870 | Geotechnical Engineering / Materials Testing | \$ | \$ | \$20,000.00 | \$ |
| Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Boulevard Suite 312 West Palm Beach, Florida 33409 (561) 616-3911 | Electrical / Mechanical / Plumbing Engineering | \$ | \$ | \$ | \$5,490.00 |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$3,020.00 | \$20,000.00 | \$8,490.00 |

| | | | |
|-------------------|--------------|--------------------------------------|--------|
| Total Fee: | \$110,885.00 | Total % of DBE Participation: | 28.42% |
|-------------------|--------------|--------------------------------------|--------|

EXHIBIT C

Scope of Work

Palm Beach County Department of Airports
Task No. I-03-PBI-L-002-020
Palm Beach International Airport

Apron A & Utilities- Construction Phase Services

PALM BEACH COUNTY (COUNTY) has requested construction phase services from THE LPA GROUP INCORPORATED (CONSULTANT), for the subject project. Standard 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 closeout 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, punchlist preparation, punchlist verification, shop drawings review, opinion on CCP's, requests for information and pertinent certifications.

Exhibit C : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
Palm Beach International Airport
Apron A & Utilities- Construction Phase Services
Task No.I-03-PBI-L-002-020

| 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 | |
| Basic Services | | | | | | | | |
| Construction Duration (6 Months) | | | | | | | | |
| General Coordination with the County | | 8 | 2 | 8 | | | 4 | 22 |
| General Coordination with the Contractor | | 4 | 8 | 24 | | | 4 | 40 |
| Pre-Construction Conference | | 4 | | 4 | | | 2 | 10 |
| Bi-Weekly meetings (2 hrs) | | 24 | | 24 | | | | 48 |
| Review Shop Drawings/Submittals | | | 4 | 8 | 8 | | 8 | 28 |
| Review Pay Applications | | 4 | | 6 | | | | 10 |
| Review Payrolls, DBE reports, EEO reports | | 2 | | 4 | | | | 6 |
| Review Test Results | | | | 4 | | | | 4 |
| Monthly Site Visits (6 Visits) | | 12 | | 24 | | | | 36 |
| Review and Respond to RFI's | | 4 | | 36 | | | 8 | 48 |
| Final Inspection/ Punch List items | | 4 | | 4 | | | 2 | 10 |
| Review/ 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 | | 8 | 4 | | 16 | 30 |
| Total Basic Services Hours | 0 | 70 | 14 | 164 | 28 | 0 | 48 | 324 |
| Total Basic Services Fees (Not-to-Exceed) | \$0 | \$11,970 | \$2,394 | \$23,616 | \$3,024 | \$0 | \$3,648 | \$44,652.00 |
| Subconsultants | | | | | | | | |
| A&B Engineering - Utilities (Not-to-Exceed) | | | | | | | | \$8,000.00 |
| Nodarse - Q/A Testing (T&M) | | | | | | | | \$25,000.00 |
| Hillers Electrical Engineering - Electrical (Not-to-Exceed) | | | | | | | | \$18,995.00 |
| Subconsultant Procurement and Management (Lump Sum) | | | | | | | | \$2,600.00 |
| Expenses | | | | | | | | |
| Lump Sum Expenses | | | | | | | | \$4,500.00 |
| TOTAL NOT-TO-EXCEED AMOUNT: | | | | | | | | \$108,747.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|--|--------------------|-----------------------------|
| PROJECT NAME: | Palm Beach International Airport Apron A & Utilities - Construction Phase Services | PROJECT NO: | Task No. I-03-PBI-L-002-020 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO: | 813.889.3893 |
| DATE: | December 30, 2008 | 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) |
| A&B Engineering, Inc. 3461 Fairlane Farms Road Wellington, Florida 33414 (561) 383-7480 | Utilities Design | \$ | \$ | \$ | \$8,000.00 |
| Hillers Electrical Engineering, Inc. 23257 State Road 7 Suite 100 Boca Raton, Florida 33428 (561) 451-9165 | Electrical Engineering | \$ | \$18,995.00 | \$ | \$ |
| Nodarse & Associates, Inc. 2448 Metrocentre Boulevard West Palm Beach, Florida 33407 (561) 616-0870 | Q/A Testing | \$ | \$ | \$25,000.00 | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$18,995.00 | \$25,000.00 | \$8,000.00 |

| | | | |
|-------------------|--------------|--------------------------------------|--------|
| Total Fee: | \$103,747.00 | Total % of DBE Participation: | 50.12% |
|-------------------|--------------|--------------------------------------|--------|

EXHIBIT D

Scope Of Work

Palm Beach County Department of Airports
Task I-03-PBI-L-002-021
Palm Beach International Airport
FIS Expansion

PROJECT DESCRIPTION

The Scope of Work consists of renovating approximately 6,000 S.F. of Immigration and Customs offices, passenger area and baggage claim area. In addition three (3) immigration positions will be added and an existing flat plate carousel will be replaced with a larger sloped plate carousel capable of handling new incoming flights as specified by the Palm Beach County Department of Airports (DOA). An exterior existing wall will be removed to allow for an expansion of approximately 2,100 S.F. of additional space. The existing exterior canopy will be expanded by approximately 1600 S.F. to allow for a covered baggage loading area. Total affected area will be 9,700 S.F.

Because of the sensitive nature of the space, the need to maintain continuous operation during construction and the required expansion and upgrades to the existing security and communication system, close coordination with the DOA and the Custom and Immigration Services will be imperative. This will require phased construction plans and possible temporary construction.

THE LPA GROUP INCORPORATED (LPA) will perform the following Basic Services for this project.

Phase 1 –Inventory and Evaluation (15%)

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

- 1) General project coordination and formulation.
- 2) Coordination meeting with Airport Staff and SUBCONSULTANTS.
- 3) Review of existing drawing records and field investigations.

Assumptions:

- 1) *The Airport will provide all available reports, drawings and other data in its possession with regard to the existing terminal facilities.*
- 2) *The inventory process will include two (2) on-site visits for coordination with staff and for inventory activities.*

Phase 2 – Preliminary Design (30%)

Summary of Services: *The following services will be performed in Phase 2:*

- 1) LPA shall review with the DOA and Immigration officials preliminary approaches to design and construction of the Project.
- 2) Based on the mutually agreed upon program, schedule and construction budget requirements, LPA shall prepare, for approval by the DOA, Schematic Design Documents consisting of drawings and other documents illustrating the scale and relationship of Project components.
- 3) LPA shall submit to the DOA a preliminary estimate of Construction Cost based on current area, volume or other unit costs.

Deliverables: *Three (3) copies of the Preliminary Design Drawings will be submitted to the DOA for review and approval.*

Phase 3 – Design Development (60%)

Summary of Services: *The following services will be performed in Phase 3:*

- 1) Based on the approved Preliminary Design Documents and any adjustments authorized by the DOA in the program, schedule or construction budget, LPA shall prepare, for approval by the DOA, Design Development Documents consisting of drawings and other documents to fix and describe the size and character of the Project as to architectural, mechanical, plumbing, and electrical systems, materials and such other elements as may be appropriate.
- 2) Preliminary Construction Phasing / Safety / and Staging Plan and Construction Schedule. This will include a temporary plan to allow for baggage connection and security during construction which could involve temporary dividing walls and security systems.
- 3) LPA shall advise the DOA of any adjustments to the preliminary estimate of Construction Cost or of the Project Schedule.

Deliverables (Phase 3): *Three (3) Copies of the Design Development Drawings and Estimates will be submitted to the DOA for review and approval.*

Phase 4 – Construction Documents (90% & 100%)

Summary of Services: *The following services will be performed in Phase 4:*

- 1) Based on the approved Design Development Documents and any further adjustments in the scope or quality of the Project or in the construction budget authorized by the DOA, LPA shall prepare, for approval by the DOA, Construction Documents consisting of Drawings and Specifications setting forth in detail the requirements for the construction of the Project.
- 2) LPA shall assist the DOA in the preparation of the necessary bidding information, bidding

forms, the Conditions of the Contract, and the form of Agreement between Palm Beach County and the Contractor.

- 3) LPA shall advise the DOA of any adjustments to previous preliminary estimates of Construction Cost indicated by changes in requirements or general market conditions.
- 4) LPA shall assist the DOA in connection with the County's responsibility for filing documents required for the approval of governmental authorities having jurisdiction over the Project.

Deliverables (Phase 4A): Three (3) copies of the 90% Plans and Specifications will be submitted to the DOA for review and approval.

Upon receiving the 90% comments, LPA will proceed with the development of 100% Documents. Final Signed and Sealed Contract Documents will be delivered to the DOA for Bidding. Permit Applications and documents will be submitted for approval.

Deliverables (Phase 4B): Final Contract Documents (signed and sealed) will be prepared. Final Construction Plans and Specifications in reproducible format will also be submitted to the PBCDOA

Phase 5– Bidding and Award of Contract

LPA 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 6 – Construction Administration Service

LPA 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 DOA will provide LPA and its SUBCONSULTANTS access to the site and all available information pertinent to this project. The DOA will also provide to LPA all criteria and requirements, including all design and construction standards, which the DOA will require to be included in the Drawings and Specifications.
- b) The DOA 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
Manhour and Fee Schedule**

**Palm Beach County Department of Airports
Palm Beach International Airport
FIS Expansion
Task I-03-PBI-L-002-021**

| 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 1 - Inventory and Evaluation (15%) | | | | | | | | |
| Acquire and Examine Existing Drawings | | | | 2 | 4 | | | 6 |
| Programming meeting(s) with Owner | | 2 | 4 | 4 | | | | 10 |
| Perform Field Verifications | | | | 8 | 4 | | | 12 |
| Prepare as-built elevations & sections | | | | 24 | 4 | | | 28 |
| <i>Inventory and Evaluation Hours</i> | | 2 | 4 | 38 | 12 | 0 | 0 | 56 |
| <i>Inventory and Evaluation Fees</i> | \$0 | \$342 | \$684 | \$5,472 | \$1,296 | \$0 | \$0 | \$7,794.00 |
| Phase 2 - Preliminary Design (30%) | | | | | | | | |
| Review with M/E/P/FP Subconsultants | | | | 4 | 2 | | | 6 |
| Review with Conveyor Subconsultant | | | 2 | 4 | 2 | | | 8 |
| Prepare Preliminary Base Design | | | 4 | 32 | 30 | | 1 | 67 |
| Prepare Preliminary Conveyor Layout | | | 2 | 24 | 16 | | 1 | 43 |
| Update Project Schedule / Status | | | 1 | 1 | | | 1 | 3 |
| Preliminary Cost Estimates | | | 2 | 4 | | | | 6 |
| Quality Review | 4 | | | | | | | 4 |
| Review Meeting with DOA | 4 | 4 | 4 | 4 | | | 1 | 13 |
| <i>Preliminary Design Hours</i> | 0 | 8 | 15 | 73 | 50 | 0 | 4 | 150 |
| <i>Prepare as-built elevations & sections Fee</i> | \$0 | \$1,368 | \$2,565 | \$10,512 | \$5,400 | \$0 | \$304 | \$20,149.00 |
| Phase 3 - Design Development (60%) | | | | | | | | |
| Review with M/E/P/FP Subconsultants | | | 4 | 16 | 2 | | 2 | 24 |
| Review with Conveyor Subconsultant | | | 2 | 4 | 2 | | | 8 |
| Update Design per Prelim. Des. Review Meeting | | | 2 | 8 | 8 | | | 18 |
| Prepare DD Documents/Prelim Specs | | | 4 | 40 | 24 | | 8 | 76 |
| Prepare DD Documents/Prelim Specs for Conveyor system | | | 4 | 16 | 32 | | 4 | 56 |
| Update Project Schedule / Status | | | 1 | 2 | 1 | | 1 | 5 |
| Update Cost Estimates | | | 1 | 2 | 1 | | | 4 |
| Quality Review | 4 | | | | | | | 4 |
| Review Meeting with DOA | 4 | 4 | 4 | 4 | | | 1 | 13 |
| <i>Phase 3 - Design Development (60%) Hours</i> | 0 | 8 | 22 | 92 | 70 | 0 | 16 | 208 |
| <i>Phase 3 - Design Development (60%) Fee</i> | \$0 | \$1,368 | \$3,762 | \$13,248 | \$7,560 | \$0 | \$1,216 | \$27,154.00 |
| Phase 4 - Construction Documents (90% & 100%) | | | | | | | | |
| Coordinate with M/E/P/FP Subconsultants | | | 4 | 12 | 6 | | | 22 |
| Coordinate with Conveyor Subconsultant | | | 4 | 8 | 2 | | | 14 |
| Update Design per Des. Dev. Review Meeting | | | 2 | 6 | 12 | | | 20 |
| Prepare Construction Documents and Specs | | | 16 | 40 | 40 | | 8 | 104 |
| Finalize Documents/Specs for Conveyor system | | | 8 | 12 | 16 | | 4 | 40 |
| Update Project Schedule / Status | | | 1 | 2 | | | | 3 |
| Finalize Cost Estimate | | | 2 | 4 | | | | 6 |
| Final Quality Review | 16 | | | | | | | 16 |
| Submit Final Documentation | | | 4 | 4 | | | 1 | 9 |
| <i>Phase 4 - Construction Documents (90% & 100%) Hours</i> | 0 | 16 | 41 | 88 | 76 | 0 | 13 | 234 |
| <i>Phase 4 - Construction Documents (90% & 100%) Fee</i> | \$0 | \$2,736 | \$7,011 | \$12,672 | \$8,208 | \$0 | \$988 | \$31,615.00 |

**Exhibit D
Manhour and Fee Schedule**

**Palm Beach County Department of Airports
Palm Beach International Airport
FIS Expansion
Task I-03-PBI-L-002-021**

| 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 - Bidding and Award of Contract | | | | | | | | |
| Advertise and Coordinate | | 4 | 1 | 1 | | | | 6 |
| Distribute Bidding Documents | | | 1 | 4 | 8 | | 16 | 29 |
| Pre-Bid Conference | | | 4 | 4 | | | | 8 |
| Answers to Bidders/Issue Addenda | | | 2 | 8 | 2 | | 1 | 13 |
| Coordination with Subconsultants | | | 2 | 8 | | | | 10 |
| Bid Opening | | | 4 | 4 | | | | 8 |
| Review Bids for Responsiveness | | 2 | 1 | 1 | | | 1 | 5 |
| Certified Bid Tabs/Award Contract | | | 1 | | | | 1 | 2 |
| Contract Preparation | | 2 | 2 | 1 | | | 1 | 6 |
| <i>Phase 5 - Bidding and Award of Contract Hours</i> | 0 | 8 | 18 | 31 | 10 | 0 | 20 | 87 |
| <i>Phase 5 - Bidding and Award of Contract Fee</i> | \$0 | \$1,368 | \$3,078 | \$4,464 | \$1,080 | \$0 | \$1,520 | \$11,510.00 |
| Phase 6: Construction Administration | | | | | | | | |
| General Coordination with the County | | 16 | 6 | 12 | | | 2 | 36 |
| General Coordination with the Contractor | | 8 | 6 | 12 | | | 2 | 28 |
| Pre-Construction Conference | | | 3 | 3 | | | | 6 |
| Monthly meetings (6 meetings) | | | 6 | 12 | | | | 18 |
| Review Shop Drawings/Submittals | | | 6 | 24 | 8 | | 2 | 40 |
| Review Pay Applications | | | 6 | 12 | | | 3 | 21 |
| Review Payrolls, DBE reports, EEO reports | | | 3 | 6 | | | 3 | 12 |
| Review Test Results | | | 2 | 12 | | | | 14 |
| Weekly Site Visits (26 Visits) | | | | 26 | | | | 26 |
| Review and Respond to RFI's | | | 2 | 12 | | | | 14 |
| Substantial Completion Inspection / Prep Punch List | | | 8 | 8 | | | 2 | 18 |
| Final Inspection/ Punch List items | | | 4 | 4 | | | 1 | 9 |
| Review/ Submit Record Drawings | | | 1 | 1 | 4 | | 1 | 7 |
| Review Contractor's Closeout Documents | | | 1 | 1 | | | | 2 |
| Submittal of Final Report/ Close Out Grant | | 2 | 1 | 1 | | | 1 | 5 |
| <i>Phase 6 - Construction Administration Hours</i> | 0 | 26 | 55 | 146 | 12 | 0 | 17 | 256 |
| <i>Phase 6 - Construction Administration Fee (NTE)</i> | \$0 | \$4,446 | \$9,405 | \$21,024 | \$1,296 | \$0 | \$1,292 | \$37,463.00 |
| Labor Totals | | | | | | | | |
| Total Estimated Hours | 0 | 68 | 155 | 468 | 230 | 0 | 70 | 991 |
| Total Estimated Labor Costs | \$0 | \$11,628 | \$26,505 | \$67,392 | \$24,840 | \$0 | \$5,320 | \$135,685.00 |
| Subconsultants | | | | | | | | |
| Smith Engineering - Mechanical/Electrical/Plumbing/Fire Protection Engineering - Not-to-Exceed | | | | | | | | \$10,000.00 |
| Bowen Engineering, Inc. (DBE) - Structural Engineering - Not-to-Exceed | | | | | | | | \$7,000.00 |
| JSM and Associates- Baggage Conveyor Consultant - Not-to-Exceed | | | | | | | | \$19,500.00 |
| <i>Subconsultant Procurement and Management</i> | | | | | | | | \$1,825.00 |
| Expenses | | | | | | | | |
| Lump Sum Expenses Estimate | | | | | | | | \$8,609.00 |
| TOTAL NOT TO EXCEED AMOUNT: | | | | | | | | \$162,619.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|---|--------------------|-----------------------------|
| PROJECT NAME: | Palm Beach International Airport FIS Expansion | PROJECT NO: | Task No. I-03-PBI-L-002-021 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO: | 813.889.3893 |
| DATE: | December 30, 2008 | 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 Boulevard Suite 312 West Palm Beach, Florida 33409 (561) 616-3911 | Mechanical / Electrical / Plumbing / Fire Protection Engineering | \$ | \$ | \$ | \$10,000.00 |
| (P.E.) Bowen Engineering Corporation 1528 Vassar Street Orlando, Florida 32804 (407) 423-7585 | Structural Engineering | \$ | \$7,000.00 | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$7,000.00 | \$ | \$10,000.00 |

| | | | |
|-------------------|--------------|--------------------------------------|-------|
| Total Fee: | \$182,619.00 | Total % of DBE Participation: | 9.31% |
|-------------------|--------------|--------------------------------------|-------|

EXHIBIT E

Scope of Work

Palm Beach County Department of Airports
Task No. I-03-LNA-L-002-022
Palm Beach County Park Airport (Lantana)
West Access Road - Additional Utility Design Services

PALM BEACH COUNTY (COUNTY) has requested additional design services from THE LPA GROUP INCORPORATED (CONSULTANT), for the utility design at Lantana Airport. The work shall consist of performing additional sanitary sewer and lift station design services.

Jurisdictional issues have mandated the re-routing of the sanitary sewer connection. The sanitary sewer connection will no longer follow a Utility Corridor along the West Access Road as originally intended, but will be rerouted to the south, around the west end of Runway 9, and cross Lantana Road to connect with the Lake Worth system. This re-routing will involve additional engineering and plans production as described herein.

The current plans will be modified to remove the original routing of the sanitary sewer, new sheets will be added to depict the plan and profile of the new route, the new line will be sized, and lift station redesigned.

This scope of work does not include bidding or construction administration services.

Exhibit E : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
 Palm Beach County Park Airport (Lantana)
 West Access Road - Additional Utility Design Services
 Task No. I-03-LNA-L-002-022

| 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 | |
| Basic Services | | | | | | | | | |
| Coordination Meeting with COUNTY | | | 4 | 4 | | | | | 8 |
| Site Visit (one) | | | 2 | | | | | | 2 |
| Review Subconsultants Design | | | 2 | 8 | | | | | 10 |
| Total Basic Services Hours | 0 | 0 | 8 | 12 | 0 | 0 | 0 | 0 | 20 |
| Total Basic Services Fees (Lump Sum) | \$0 | \$0 | \$1,368 | \$2,052 | \$0 | \$0 | \$0 | \$0 | \$3,420.00 |
| Subconsultants | | | | | | | | | |
| A&B Engineering (Lump Sum) | | | | | | | | | \$19,580.08 |
| Survey (estimate) (T&M) | | | | | | | | | \$10,000.00 |
| Subsurface Utility Locate (estimate) (Lump Sum) | | | | | | | | | \$6,000.00 |
| Subconsultant Procurement and Management (Lump Sum) | | | | | | | | | \$1,779.00 |
| Expenses | | | | | | | | | |
| Lump Sum Expenses - Permit Fees | | | | | | | | | \$2,000.00 |
| TOTAL NOT TO EXCEED AMOUNT | | | | | | | | | \$42,779.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

PROJECT NAME: Palm Beach County Park Airport (Lantana)
 West Access Road – Additional Utility
 Design Services

PROJECT NO: Task No. I-03-LNA-L-002-022

CONSULTANT: THE LPA GROUP INCORPORATED

PHONE NO.: 813.889.3892

CONTACT: Mohsen Mohammadi

FAX NO: 813.889.3893

DATE: December 30, 2008

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) |
| A&B Engineering, Inc. 3461 Fairlane Farms Road Wellington, Florida 33414 (561) 383-7480 | Utilities Design Services | \$ | \$ | \$ | \$19,580.08 |
| | | | | | |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$ | \$ | \$19,580.08 |

| | | | |
|-------------------|-------------|--------------------------------------|--------|
| Total Fee: | \$42,779.00 | Total % of DBE Participation: | 45.77% |
|-------------------|-------------|--------------------------------------|--------|

EXHIBIT F

Scope of Work

Palm Beach County Department of Airports
Task No. I-03-PBI-L-023
Palm Beach International Airport
Airport Lighting Control and Monitoring System (ALCMS)

PALM BEACH COUNTY (COUNTY) has requested design and bidding phase services from THE LPA GROUP INCORPORATED (CONSULTANT), for the subject project. The project includes the installation of an Airport Lighting Control and Monitoring System (ALCMS), located in the new proposed FAA ATC Tower and in the Existing Airfield Lighting Vault, with a new direct Fiber-Optic / Conduit System(s) connection between both facilities. A more detailed scope is included in Subconsultant's (Hillers) scope of work, attached.

The project also requires a project layout, safety, and construction access plan. These will be developed for review by PBCDOA staff, including Planning and Development, as well as Airfield Operations Departments.

A design report will be prepared, including electrical calculations, analysis of the ductbank corridor, construction schedule, and budget.

A project manual will be developed, including technical specifications, front-end documents (bidding, construction, general conditions, general provisions), and bid schedule.

A cost estimate and summary of quantities will also be developed at each phase of the project to verify the construction budget.

PHASE 3B- 90% DOCUMENTS

SCOPE

This phase will include the production of the plans, specifications, and project manual at the 90% level. Plan sheets will include:

- Cover Sheet
- Project Layout Plan
- General Notes & Summary of Quantities
- Safety and Phasing Plan
- Staking & Demolition Plans

DELIVERABLES

Quantities of the following items will be delivered, as specified in the master agreement.

- 90% Plans
- Project manual
- Design report
- Cost Estimate

PHASE 3C - 100% DOCUMENTS:

SCOPE

All documents completed in the 90% Phase will be finalized and prepared for bidding.

DELIVERABLES

Quantities of the following items will be delivered, as specified in the master agreement.

- Bid Documents (Plans, Specifications, and Project Manual)
- Final Design report
- Final Cost Estimate

BIDDING PHASE SERVICES:

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

The remainder of this page has been intentionally left blank.



HILLERS ELECTRICAL ENGINEERING, INC.

August 19, 2008

Mr. Mark Jansen, P.E.
The LPA Group Incorporated
615 Crescent Executive Court, Suite 200
Lake Mary, Florida 32746-2146

Subject: Electrical Design Fee Proposal for the Palm Beach County Department of
Airports (DOA) Palm Beach International Airport New Airfield New
Airfield Lighting Computer Controlled System (ALCCS) located in the new FAA
Air Traffic Control Tower (ATC) and in the Existing Airfield Lighting
Electrical Vault with a new direct Fiber-Optic / Conduit System(s) connection between
both facilities.

Note: HEE assumes that the URS FAA ATC electronic files will be available for the new ALCCS
design via LPA.

Dear Mark:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide LPA an electrical design fee proposal for
the DOA Palm Beach International Airport- New ALCCS located in the new proposed FAA ATC Tower
and in Existing Airfield Lighting Vault.

The following items are included in our scope:

- Includes all DOA, FAA, URS and LPA design coordination meetings.
- Includes all extensive interviews, design reviews & approvals with FAA Air Traffic Controllers and
FAA ATC Facilities Technical Department for control panel screens / programming/ graphic's and
computer equipment placements in the new ATC.
- Includes interviews with the current FAA approved manufactures of airfield lighting control computer
systems and evaluations.
- Includes all installation details reflecting new fiber-optic cable & conduit system installation between
the airfield lighting vault interface computer controller and the new air traffic control tower computer
controller and touch screens.
- Includes coordination & design with the new FAA ATC (URS) designer for all necessary cable trays
& conduit systems from the base of tower to the tower cab.
- Includes coordination & design with the new FAA ATC (URS) designer for new circuits in their panel
boards for new ALCCS system equipment.
- Includes airfield lighting computer controlled system equipment layouts: touch screens, keyboards,
CPU's, TVSS's, cabling, graphic screen layouts reflecting all PBLA airfield runways & taxiways,
NAVAIDS, Land and Hold Short Bars, Runway Guard Lighting Bars, Wind Socks, PAPI's, logic for
software programming per DOA & ATC FAA Controllers recommendations, equipment installations
in FAA air traffic control tower and airfield lighting vault.
- LPA shall provide all base drawings for airfield site reflecting routing between new FAA ATC and
existing airfield lighting vault.

23257 STATE ROAD 7, SUITE 100, BOCA RATON, FLORIDA 33428 561-451-9165 FAX: 561-451-4886

TASK I-03-PBI-L-023
PBI ALCMS

Page F-3 of 6

12/30/2008



HILLERS ELECTRICAL ENGINEERING, INC.

- LPA shall provide all URS new FAA ATC tower E - electronic drawing(s) files (interior & exterior) on AutoCAD 2007 to HEE.
- Includes new ALCCS control circuits to each of the runways, taxiways, runway guard lighting regulators, NAVAIDS contactors from the new airfield lighting computer control system located in the airfield lighting vault.
- HEE shall provide all electrical & ALCCS specifications, electrical bid items and cost estimates on Word to LPA.
- HEE shall provide 1 reproducible set of plans & specifications for the new Airfield Lighting Computer Controlled System to LPA for 30%, 60%, 100% for review, bid, permit, construction phases.
- LPA shall provide all additional printing of plans & specifications to DOA, County Departments, Contractor for all phases.
- LPA shall provide Key sheet, Safety Plan sheet and Front-end to Specifications.
- HEE shall provide services during bid & award process.
- Does not include any type Construction Services.
- Does not include any type of design for duct bank(s) or conduit systems for FAA owned and operated equipment / systems located on the airfield site.

Our proposed lump-sum fee for ALCCS Design is:
(See attachment)

\$ 46,780.

Sincerely,

Thomas Doran, Vice-President

Exhibit F : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
Palm Beach International Airport
Airport Lighting Control and Monitoring System (ALCMS)
Task No. I-03-PBI-L-023

| 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 | |
| Civil: Phase 3B: 90% Submittal | | | | | | | | |
| Coordination with the COUNTY | | 8 | | | | | | 8 |
| Meeting with Subconsultants | | 4 | | | | | | 4 |
| Develop Base Mapping | | | | 2 | 4 | 8 | | 14 |
| Safety Plan | | | 1 | 2 | 4 | | | 7 |
| Phasing/Traffic Control Plan | | | 1 | 2 | 4 | 8 | | 15 |
| Front End Specifications | | 2 | 4 | | | | 6 | 12 |
| Review Meeting | | 4 | 2 | | | | | 6 |
| Design Report & Cost Estimate | | | | 2 | | | 4 | 6 |
| Review Meeting Hours | 0 | 18 | 8 | 8 | 12 | 16 | 10 | 72 |
| Review Meeting Fee | \$0 | \$3,078 | \$1,368 | \$1,152 | \$1,296 | \$1,312 | \$760 | \$8,966 |
| Civil: Phase 3C: 100% Submittal | | | | | | | | |
| Final Safety Plan | | | 1 | | 2 | | | 3 |
| Final Phasing Plan | | | 1 | | 2 | | | 3 |
| Finalize Construction Drawings | | | 2 | | 4 | 4 | | 10 |
| Finalize Specifications & Project Manual | | 2 | 4 | | | | 8 | 14 |
| Design Report & Cost Estimate | | | | 2 | | | 4 | 6 |
| Civil: Phase 3C: 100% Submittal Hours | 0 | 2 | 8 | 2 | 8 | 4 | 12 | 36 |
| Civil: Phase 3C: 100% Submittal Fee (LS) | \$0 | \$342 | \$1,368 | \$288 | \$864 | \$328 | \$912 | \$4,102 |
| Bidding and Award of Contract | | | | | | | | |
| Advertise and Coordinate | | 2 | | 2 | | | 2 | 6 |
| Distribute Bidding Documents | | | | 4 | | | 16 | 20 |
| Pre-Bid Conference | | 4 | | | | | 4 | 8 |
| Answers to Bidders/Issue Addenda | | | | 8 | | | 8 | 16 |
| Bid Opening | | | | | | | | 0 |
| Review Bids for Responsiveness | | 4 | | 8 | | | | 12 |
| Certified Bid Tabs/Award Contract | | 2 | | 4 | | | 4 | 10 |
| Contract Preparation Assistance | | 4 | 8 | 8 | | | 4 | 24 |
| Bidding and Award of Contract Hours | 0 | 16 | 8 | 34 | 0 | 0 | 38 | 96 |
| Bidding and Award of Contract Fee (LS) | \$0 | \$2,736 | \$1,368 | \$4,896 | \$0 | \$0 | \$2,888 | \$11,888 |
| Subconsultants | | | | | | | | |
| Hillers Electrical - ALCCS Design (LS) | | | | | | | | \$46,780.00 |
| Aleman - Subsurface Utility Engineering (LS) | | | | | | | | \$7,320.00 |
| Subconsultant Procurement and Management (LS) | | | | | | | | \$2,705.00 |
| Expenses | | | | | | | | |
| Lump Sum Expenses | | | | | | | | \$1,189.00 |
| TOTAL LUMP SUM AMOUNT: | | | | | | | | \$82,950.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|---|--------------------|-------------------------|
| PROJECT NAME: | Palm Beach International Airport Airport Lighting Control and Monitoring System (ALCMS) | PROJECT NO: | Task No. I-03-PBI-L-023 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO: | 813.889.3893 |
| DATE: | December 30, 2008 | DEPARTMENT: | Airports |

| Name, Address and Phone Number of DBE Subcontractor | Type of Work to be performed | DBE Subcontractor Amount | | | |
|--|---------------------------------|--------------------------|-------------|----------------|------------------|
| | | Black | Hispanic | S/WBE Women | Other (S/MBE) |
| Hillers Electrical Engineering, Inc. 23257 State Road 7 Suite 100 Boca Raton, Florida 33428 (561) 451-9165 | Electrical Engineering | \$ | \$46,780.00 | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$46,780.00 | \$ | \$ |

| | | | |
|-------------------|-------------|--------------------------------------|--------|
| Total Fee: | \$82,950.00 | Total % of DBE Participation: | 56.40% |
|-------------------|-------------|--------------------------------------|--------|

EXHIBIT G

Scope of Work

Palm Beach County Department of Airports
Task No. I-03-F45-L-002-024
North Palm Beach County General Aviation Airport (F45)
Entrance Road Relocation

PROJECT DESCRIPTION:

TASK 1: CONCEPTS

Analyze and develop three (3) options for a new entrance road to the airport that connects to PGA Boulevard at SR 710. The three (3) options are:

- a.) an option that will realign PGA Boulevard north of its present location to intersect at/near a ninety-degree angle with SR 710; the new airport road will align with this new intersection;
- b.) an option that will leave PGA Boulevard in its present location and the new airport entrance road will connect to SR 710 at the present intersection with PGA Boulevard; and
- c.) an option that will realign PGA Boulevard south of its present location to intersect at/near a ninety-degree angle with SR 710; the new airport road will align with this new intersection. For this option the entrance road will have to be located partially on property owned by the County south of the current airport property.

TASK 2: TRAFFIC ANALYSIS

Perform a traffic analysis to determine the impact of the proposed entrance road relocation to the operation of the existing signal at SR 710/PGA, and to determine required signal configuration and lane configurations (number and length of turn lanes, etc)...The traffic analysis will be based on information contained in the Traffic Study Dated August 7, 2008 prepared by MTP Group, Inc and provided to LPA by Palm Beach County Department of Airports. The traffic analysis will be prepared following the requirements of Palm Beach County and the *Palm Beach County Traffic Performance Standards*.

TASK 3: COST ESTIMATES

Develop preliminary construction cost estimates for all three (3) options described in Task 1, above. For purposes of this scope entrance road quantities are based on a two-lane roadway, and earthwork quantities are based on an assumed depth of grading/fill as no actual profile has been developed since no field survey is part of this scope.

TASK 4: EXHIBITS

Prepare presentation quality exhibits for all three (3) concepts for presentation to the County.

TASK 5: COORDINATION

Coordinate with CSX – this scope does not include obtaining a permit from CSX but merely confirmation that the preferred concepts are agreeable to CSX and that CSX will allow the new crossing shown in the concepts. It is assumed that the new crossing is contingent on closing the existing railroad crossing.

Coordinate with FDOT – this scope does not include obtaining a permit from FDOT at this time but merely confirmation that the preferred concepts are agreeable to FDOT and to determine all future FDOT requirements to proceed with design of the new airport entrance road intersection at PGA Boulevard.

TASK 6: EXECUTIVE SUMMARY

Prepare an Executive Summary that provides a brief description of each alternate studied, a cost estimate for each alternate, a matrix identifying the advantages and disadvantages of each alternate, and a recommendation of the preferred alternate.

Attend one (1) meeting with County before concepts are finalized and one (1) more meeting to make formal presentation of the final three (3) alternates and LPA's recommendation.

Note: the concepts developed by LPA are based on property information provided by the airport. No topographical field surveys or right-of-way surveys have been performed as part of this scope. No geotechnical investigations were performed as part of this scope. As such, if/when design proceeds the conceptual alignment may shift due to actual site conditions (such as actual location of wetlands, location of unsuitable materials, actual elevation of existing ground) once field surveys and geotechnical investigations have been performed.

It is also assumed that the necessary turning movement count, signal timing and phasing and other traffic data will be available from Palm Beach County and/or the Florida Department of Transportation and that no data collection will be needed.

Exhibit G : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
 North Palm Beach County General Aviation Airport (F45)
 Entrance Road Relocation
 Task No. I-03-PBI-L-002-024

| 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 | |
| Basic Services | | | | | | | | | |
| Task 1: Concepts | | | | 12 | | 48 | | | 60 |
| Task 2: Traffic Analysis | | | 4 | 8 | 40 | 4 | | | 56 |
| Task 3: Cost Estimates | | | | 4 | | 16 | | | 20 |
| Task 4: Exhibits | | | 2 | 4 | | 24 | | 2 | 32 |
| Task 5: Coordination | | | 4 | 16 | | | | | 20 |
| Task 6: Executive Summary | | | | 8 | | | | 2 | 10 |
| Total Estimated Hours: | 0 | 0 | 10 | 52 | 40 | 92 | 0 | 4 | 198 |
| Total Estimated Labor Costs (Lump Sum): | \$0 | \$0 | \$1,710 | \$8,892 | \$5,760 | \$9,936 | \$0 | \$304 | \$26,602.00 |
| Subconsultants | | | | | | | | | |
| Subconsultant Procurement and Management | | | | | | | | | \$0.00 |
| Expenses | | | | | | | | | |
| Lump Sum Expenses | | | | | | | | | \$1,330.00 |
| TOTAL LUMP SUM AMOUNT: | | | | | | | | | \$27,932.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|---|--------------------|-----------------------------|
| PROJECT NAME: | North Palm Beach County General Aviation Airport (F45) Entrance Road Relocation | PROJECT NO: | Task No. I-03-F45-L-002-024 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO.: | 813.889.3893 |
| DATE: | December 30, 2008 | 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: | \$27,932.00 | Total % of DBE Participation: | 0.00% |
|-------------------|-------------|--------------------------------------|-------|

EXHIBIT H

Scope of Work

**Palm Beach County Department of Airports
Task No. I-03-PBI-L-002-025
Palm Beach International Airport
Main Terminal Water Intrusion**

PROJECT DESCRIPTION

The Palm Beach County (COUNTY) intends to make improvements to Palm Beach International Airport by further studying and addressing on-going Water Intrusion at the Main Terminal in various locations, as follows:

- Second Level Checkpoint C
- Second Level Terminal Server
- Third Level Ticketing

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 B.

Phase 1A – Program Verification & Non-Destructive Testing

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

- 4) General project coordination and formulation.
- 5) Coordination meeting with Airport Staff and SUBCONSULTANTS.
- 6) Review of existing drawing records and Perform Field Verifications.
- 7) Coordinate and observe with Material Testing Consultant
- 8) Finalize Draft reports that have been prepared addressing the individual leaks and incorporate testing data and Material Testing results and conclusions. Prepare Preliminary Report with recommendations and submit to the COUNTY.

Assumptions:

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

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

Phase 1B –Destructive Testing and Final Report

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

Once the COUNTY approves the Preliminary Report and Recommendation(s), the CONSULTANT shall proceed with Phase 1B:

- 1) Coordination meeting with Airport Staff and SUBCONSULTANTS.
- 2) Coordinate and observe with Material Testing Consultant.
- 3) Provide direction and observe repairs of areas damaged during testing.
- 4) Review results from Destructive Testing and Prepare Final Report with recommendations and submit to the COUNTY.

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

Phase 2A – 75% Construction Documents

Summary of Services: *The following services will be performed in Phase 2A:*

- 4) CONSULTANT shall review with the COUNTY and its SUBCONSULTANTS the Proposed Design and establish the Design Direction of the Project.
- 5) Based upon the COUNTY's approval of the Final Report, and review of the COUNTY construction budget, the CONSULTANT shall prepare and submit 75% Construction Documents and Specifications to the COUNTY.
- 6) CONSULTANT shall meet with the COUNTY to review the 75% Construction Documents.
- 7) CONSULTANT shall submit to the COUNTY an estimate of Construction Cost based on reasonable current market unit costs.
- 8) CONSULTANT shall submit to the COUNTY a preliminary Project Schedule.

Deliverables (Phase 2A): *Six (6) copies of the 75% Plans and Specifications will be submitted to the COUNTY for review and approval.*

Phase 2B –100% Construction Documents

Summary of Services: *The following services will be performed in Phase 2B:*

- 1) Based upon the COUNTY's approval of the 75% Submittal, the CONSULTANT shall finalize 100% Construction Documents and Specifications.
- 2) CONSULTANT shall submit to the COUNTY an estimate of Construction Cost based on reasonable current market unit costs.
- 3) CONSULTANT shall submit to the COUNTY a Project Schedule.
- 4) CONSULTANT shall assist the COUNTY in the preparation of the necessary bidding information, bidding forms, the Conditions of the Contract, and the form of Agreement between Palm Beach County and the Contractor.
- 5) CONSULTANT shall assist the COUNTY in connection with the COUNTY's responsibility for filing documents required for the approval of governmental authorities having jurisdiction over the Project.

Deliverables (Phase 2B): Three (3) sets signed and sealed of Final Contract Documents will be prepared. Final Construction Plans and Specifications in reproducible format will also be submitted to the COUNTY.

Phase 3– 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 4 – Construction Administration

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

- c) 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 to the CONSULTANT all criteria and requirements, including all design and construction standards, which the COUNTY will require to be included in the Drawings and Specifications.

| Exhibit H : Hour and Fee Estimate | | | | | | | | |
|---|-----------------|-----------------|--|---------------------------------------|----------------|----------------|--------------|-----------------|
| Palm Beach County Department of Airports | | | | | | | | |
| Palm Beach International Airport | | | | | | | | |
| Main Terminal Water Intrusion | | | | | | | | |
| Task I-03-PBI-L-002-025 | | | | | | | | |
| 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 1A: Program Verification & Non-Destructive Testing | | | | | | | | |
| General project coordination and formulation | | 4 | 8 | | 8 | | | 20 |
| Coordination meeting with COUNTY and SUBCONSULTANTS. | | | 2 | | 2 | | 1 | 5 |
| Review of existing drawing records and Perform Field Verifications. | | | 2 | | 8 | | | 10 |
| Coordinate and observe with Material Testing Consultant | | | 5 | | 40 | | | 45 |
| Finalize previous submitted Draft Reports | | | 2 | | 8 | | 1 | 11 |
| Prepare Preliminary Report with recommendations and submit to the COUNTY for their Review | | | | | 16 | | | 16 |
| Quality Review | | 2 | | | | | | 2 |
| Phase 1A: Program Verification & Non-Destructive Testing Hours | 0 | 6 | 19 | 0 | 82 | 0 | 2 | 109 |
| Phase 1A: Program Verification & Non-Destructive Testing Fee | \$0 | \$1,026 | \$3,249 | \$0 | \$8,856 | \$0 | \$152 | \$13,283 |
| Phase 1B: Destructive Testing and Final Report | | | | | | | | |
| Coordination meeting with COUNTY and SUBCONSULTANTS. | | 4 | 8 | | 4 | | 1 | 17 |
| Coordinate and observe Destructive Testing with Material Testing Consultant | | | 5 | | 40 | | | 45 |
| Provide direction and observe repairs of areas damaged during testing | | | 2 | | 24 | | | 26 |
| Prepare Final Report with recommendations, submit to the COUNTY. | | | 2 | | 16 | | 1 | 19 |
| Quality Review | | 2 | | | | | | 2 |
| Phase 1B: Destructive Testing and Final Report Hours | 0 | 6 | 17 | 0 | 84 | 0 | 2 | 109 |
| Phase 1B: Destructive Testing and Final Report Fee | \$0 | \$1,026 | \$2,907 | \$0 | \$9,072 | \$0 | \$152 | \$13,157 |
| Phase 2A: 75% Construction Documents | | | | | | | | |
| Coordination meeting with COUNTY and SUBCONSULTANTS. | | 4 | 2 | | 2 | | 1 | 9 |
| Prepare 75% Construction Documents and Specs | | | 8 | | 32 | 16 | 8 | 64 |
| Coordinate/Prepare Preliminary Cost Estimates | | | 2 | | 4 | | 1 | 7 |
| Prepare Project Schedule | | | 1 | | 1 | | | 2 |
| Review 75% CD's with COUNTY & Subconsultants | | | 1 | | 2 | | | 3 |
| Quality Review | | 4 | | | | | | 4 |
| Phase 2A: 75% Construction Documents Hours | 0 | 8 | 14 | 0 | 41 | 16 | 10 | 89 |
| Phase 2A: 75% Construction Documents Fee | \$0 | \$1,368 | \$2,394 | \$0 | \$4,428 | \$1,312 | \$760 | \$10,262 |
| Phase 2B: 100% Construction Documents | | | | | | | | |
| Finalize 100% Construction Documents and Specs | | | 1 | | 16 | 8 | 8 | 33 |
| Finalize Project Schedule / Status | | | 1 | | 4 | | 1 | 6 |
| Finalize Cost Estimate | | | 1 | | 2 | | | 3 |
| Quality Review | | 4 | | | | | | 4 |
| Submit 100% Documentation | | | 1 | | 1 | | | 2 |
| | | | 1 | | 1 | | | 2 |
| Phase 2B: 100% Construction Documents Hours | 0 | 4 | 5 | 0 | 24 | 8 | 9 | 50 |
| Phase 2B: 100% Construction Documents Fee | \$0 | \$684 | \$855 | \$0 | \$2,592 | \$656 | \$684 | \$5,471 |

| Exhibit H : Hour and Fee Estimate | | | | | | | | |
|--|-----------------|-----------------|--|--------------------------------------|----------|------------|----------|---------------------|
| Palm Beach County Department of Airports | | | | | | | | |
| Palm Beach International Airport | | | | | | | | |
| Main Terminal Water Intrusion | | | | | | | | |
| Task I-03-PBI-L-002-025 | | | | | | | | |
| 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 2: Bidding and Award of Contract | | | | | | | | |
| Advertise and Coordinate | | 4 | 2 | | 4 | | 4 | 14 |
| Distribute Bidding Documents | | | 2 | | 4 | | 12 | 18 |
| Pre-Bid Conference | | | 4 | | 4 | | | 8 |
| Answers to Bidders/Issue Addenda | | | 4 | | 8 | | 2 | 14 |
| Bid Opening | | | 2 | | 2 | | | 4 |
| Review Bids for Responsiveness | | 2 | 2 | | 2 | | | 6 |
| Certified Bid Tabs/Award Contract | | 2 | 2 | | 2 | | | 6 |
| Assist with the Contract Preparation | | 2 | 2 | | 2 | | 2 | 8 |
| Phase 3: GMP Approval and Permitting Hours | 0 | 10 | 20 | 0 | 28 | 0 | 20 | 78 |
| Phase 3: GMP Approval and Permitting Fee | \$0 | \$1,710 | \$3,420 | \$0 | \$3,024 | \$0 | \$1,520 | \$9,674 |
| Phase 4: Construction Administration | | | | | | | | |
| General Coordinatin with COUNTY & CONTRACTOR(S) | | 16 | 16 | | 32 | | 2 | 66 |
| Pre-Construction Conference | | | 4 | | 4 | | | 8 |
| Weekly Meetings (4 meetings) | | | 4 | | 16 | | | 20 |
| Daily Site Visits (30 days) | | | 30 | | 60 | | | 90 |
| Review Shop Drawings/Submittals | | | 8 | | 16 | 4 | 2 | 30 |
| Review Pay Applications | | | 2 | | 4 | | 1 | 7 |
| Review Payrolls, DBE Reports, EEO reports | | | 1 | | 1 | | 1 | 3 |
| Review and Respond to RFI's | | | 8 | | 24 | | | 32 |
| Final Inspection/ Punch List items | | | 8 | | 12 | | 2 | 22 |
| Review/ Submit Record Drawings | | | | | 8 | 8 | | 16 |
| Review Contractor's Closeout Documents | | | 2 | | 2 | | 1 | 5 |
| Prepare Final DBE Reporting Form | | | 1 | | 1 | | 1 | 3 |
| Submittal of Final Report/ Close Out Project | | 4 | 1 | | 1 | | 1 | 7 |
| Phase 4: Construction Administration Hours | 0 | 20 | 85 | 0 | 181 | 12 | 11 | 309 |
| Phase 4: Construction Administration Fee (Not-to-Exceed) | \$0 | \$3,420 | \$14,535 | \$0 | \$19,548 | \$984 | \$836 | \$39,323 |
| Labor Totals | | | | | | | | |
| Total Estimated Hours: | 0 | 54 | 160 | 0 | 440 | 36 | 54 | 744 |
| Total Estimated Labor Costs: | \$0 | \$9,234 | \$27,360 | \$0 | \$47,520 | \$2,952 | \$4,104 | \$91,170 |
| Subconsultant | | | | | | | | |
| RAS Engineers & Building Testing Lab, LLC (RAS) – Material Testing Lab (Not-to-Exceed) | | | | | | | | \$15,000.00 |
| Subconsultant Procurement & Management | | | | | | | | \$750.00 |
| Expenses | | | | | | | | |
| Lump Sum Expenses | | | | | | | | \$4,559.00 |
| TOTAL NOT-TO-EXCEED AMOUNT: | | | | | | | | \$111,479.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|---|--------------------|------------------------------------|
| PROJECT NAME: | <u>Palm Beach International Airport Main Terminal Water Intrusion</u> | PROJECT NO: | <u>Task No. I-03-PBI-L-002-025</u> |
| CONSULTANT: | <u>THE LPA GROUP INCORPORATED</u> | PHONE NO.: | <u>813.889.3892</u> |
| CONTACT: | <u>Mohsen Mohammadi</u> | FAX NO: | <u>813.889.3893</u> |
| DATE: | <u>December 30, 2008</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) |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$ | \$ | \$ |

| | | | |
|-------------------|--------------|--------------------------------------|-------|
| Total Fee: | \$111,479.00 | Total % of DBE Participation: | 0.00% |
|-------------------|--------------|--------------------------------------|-------|

EXHIBIT I

Scope of Work

Palm Beach County Department of Airports
Task No. I-03- PBI-L-002-026
Apron A Design - Additional Services

PALM BEACH COUNTY (COUNTY) has requested additional design services from THE LPA GROUP INCORPORATED (CONSULTANT), for the Construction of Apron A at Palm Beach International Airport. The work shall consist of performing the additional utility design as well as Construction Manager at Risk (CMR) coordination as detailed below.

UTILITY DESIGN

CONSULTANT's subconsultant, A&B Engineering, Inc. (A&B), shall provide additional utility design services as detailed below:

- Completion of additional utility design services, including lift station, waterline loop, and sanitary force main systems. These are in addition to the original systems designed under LPA's original contract. See A&B Engineering Scope (attached).
- Attendance at review meetings with PBCWUD and PBCDOA.
- Modifications to designs to be included in separate accelerated CMR package.
- Completing multiple design revisions and submittals to PBCWUD based on PBCWUD comments

CMR COORDINATION AND ADDITIONAL DESIGN TASKS

CONSULTANT shall provide additional design and coordination services as detailed below:

- Multiple revisions of pond location, which included moving pond from southwest to northeast, regrading connecting ditches, and revising pipes and drainage calculations for SFWMD report
- Addition of north and west access gate design, which included gates, guard house, additional grading and detail sheets
- Addition of new road on the back side of the apron during design.
- Development of three alternatives for southwest entrance integration into Perimeter Road West. This also involved moving guard house and security checkpoint gates. Also includes addition of one meeting to discuss and decide on these alternatives.
- Modifications to the drainage ravine, including design of structure, pipes, and hydraulics.
- Coordination of the utility design and other project details with the CMR contractor. Included developing bid package, reviewing CMR submittals, preparing addenda, and general coordination with their package.
- Coordination with PCL/ATCT project as it has progressed through design and construction.

This scope of work does not include bidding or construction administration services.

Exhibit B : Hour and Fee Estimate

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
 Palm Beach International Airport
 Apron A Design - Additional Services
 Task No. I-03-PBI-L-026

| 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 | |
| Additional Tasks | | | | | | | | |
| Revise pond location | | | 2 | 12 | 12 | | | 26 |
| Addition of north and west access gate design | | | | 48 | 24 | | | 72 |
| Addition of new road on backside of apron | | | | 20 | 24 | | | 44 |
| Develop 3 options for southwest entrance integration to PSR | | | | 12 | | | | 12 |
| Modifications to the drainage ravine | | | 4 | 16 | 24 | | | 44 |
| 70% meeting to discuss 3 options | | | 4 | 4 | | | 2 | 10 |
| Coordination with CM at Risk | | | | | | | | |
| Develop bid package including additional plan sheets | | | 2 | 16 | 16 | | | 34 |
| Review 60% report | | | 2 | 2 | | | | 4 |
| Address CMAR Concerns | | | | 16 | 16 | | | 32 |
| Review 90% report | | | 2 | 2 | | | | 4 |
| Review AT&T CMAR Report | | | 2 | 2 | | | | 4 |
| Addenda for CMAR | | | | 8 | 8 | | | 16 |
| PCL coordination during construction (AT&T, WUD, URS) | | | 4 | 4 | | | | 8 |
| Additional Tasks Hours | 0 | 0 | 22 | 162 | 124 | 0 | 2 | 310 |
| Additional Tasks Fee | \$0 | \$0 | \$3,762 | \$23,328 | \$13,392 | \$0 | \$152 | \$40,634 |
| Labor Totals | | | | | | | | |
| Total Estimated Hours: | 0 | 0 | 22 | 162 | 124 | 0 | 2 | 310 |
| Total Estimated Labor Costs (Lump Sum): | \$0 | \$0 | \$3,762 | \$23,328 | \$13,392 | \$0 | \$152 | \$40,634.00 |
| Subconsultants | | | | | | | | |
| A&B Engineering (Lump Sum) | | | | | | | | \$44,894.00 |
| Subconsultant Procurement and Management (Lump Sum) | | | | | | | | \$2,245.00 |
| | | | | | | | Subtotal: | \$47,139.00 |
| TOTAL LUMP SUM AMOUNT | | | | | | | | \$87,773.00 |

SCHEDULE #1

PARTICIPATION FOR DBE CONSULTANTS

| | | | |
|----------------------|--|--------------------|-----------------------------|
| PROJECT NAME: | Palm Beach International Airport Construct Apron A - Additional Services | PROJECT NO: | Task No. I-03-PBI-L-002-026 |
| CONSULTANT: | THE LPA GROUP INCORPORATED | PHONE NO.: | 813.889.3892 |
| CONTACT: | Mohsen Mohammadi | FAX NO: | 813.889.3893 |
| DATE: | December 30, 2008 | 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) |
| A&B Engineering, Inc. 3461 Fairlane Farms Road Wellington, Florida 33414 (561) 383-7480 | Utilities Design | \$ | \$ | \$ | \$44,894.00 |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | | \$ | \$ | \$ | \$ |
| | Total: | \$ | \$ | \$ | \$44,894.00 |

| | | | |
|-------------------|-------------|--------------------------------------|--------|
| Total Fee: | \$87,773.00 | Total % of DBE Participation: | 51.15% |
|-------------------|-------------|--------------------------------------|--------|

EXHIBIT J

MODIFIED SCOPE OF WORK

Palm Beach County Department of Airports
Task I-03-PBI-L-027
Palm Beach International Airport
Taxiway L Extension (Design and Bidding)

This Task (Taxiway L Extension [Design and Bidding]) was originally approved on June 17, 2008 as part of Amendment No. 3 (R2008 1048) to the original Agreement dated November 21, 2006 (R2006-2418), as Task I-02-PBI-L-017.

The original Scope of Work for the original Task I-02-PBI-L-017 is herewith modified to reflect that the described design shall be for an Aircraft Design Group 3.

This is the only modification to this Task; the original Task I-02-PBI-L-017 Man Hour and Fee Estimate, DBE Schedule #1, and Figure 1, remain unchanged.

TABLE 1

**SCHEDULE OF CONSULTANT / SUBCONSULTANT HOURLY
LABOR BILLING RATES FOR CALENDAR YEAR 2009**

The following hourly billing rates are for use during Calendar Year 2009 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 Mohsen Mohammadi, Ph.D., P.E. (Program Manager).

CONSULTANT: THE LPA GROUP INCORPORATED

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---|------------------------------------|
| Principal | \$201.00 |
| Program Manager | \$201.00 |
| Project Manager | \$171.00 |
| Senior Engineer/Planner/Architect/Environmental Scientist | \$171.00 |
| Engineer/Planner/Architect/Environmental Scientist | \$144.00 |
| Designer | \$108.00 |
| Technician | \$ 82.00 |
| Senior Inspector | \$127.00 |
| Inspector/RPR | \$ 91.00 |
| Clerical | \$ 76.00 |

SUBCONSULTANT:

A&B ENGINEERING, INC.

(Utilities Design Services)

DESCRIPTION

HOURLY BILLING RATES

| | |
|-----------------------------|----------|
| 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.

TABLE 1-2

SUBCONSULTANT:

BOTKIN PARSSI AND ASSOCIATES

(Structural Design Services)

DESCRIPTION

HOURLY BILLING RATES

| | |
|----------------------|----------|
| 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 |
| Job Site Visit | \$370.00 |

Please note rate for job site visits is within ten miles of the project

TABLE 1-3

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 |

TABLE 1-4

SUBCONSULTANT: BROWN & PHILLIPS, INC.
(Topographic Surveying & Mapping Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------------|------------------------------------|
| <u>Field Personnel:</u> | |
| 3 Man Survey Crew | \$132.00 |
| 2 Man Survey Crew | \$115.00 |
| GPS System | \$ 10.50 |
| <u>Office Personnel:</u> | |
| Professional | \$125.00 |
| Survey Technician | \$ 85.00 |
| CADD Technician | \$ 80.00 |
| Expert Witness | \$265.00 |

TABLE 1-5

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.

TABLE 1-6

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

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|--|------------------------------------|
| CADD/Computer Technician | \$ 71.54 |
| Senior Utility Coordinator | \$141.87 |
| Utility Coordinator | \$ 99.48 |
| Utility Technician | \$ 69.20 |
| Secretary/Clerical | \$ 57.09 |
| Subsurface Utility Engineering/GPR Survey & Locating Services | |
| Daily Rate: | |
| UTILITIES LOCATES / GPR SERVICES | \$ 1,946.81 |
| Utility Locates - Test Holes (P/Unit) | \$ 389.36 |
| DESIGNATING / GPR SERVICES | \$ 1,823.03 |

TABLE 1-7

SUBCONSULTANT: GARTEK ENGINEERING CORPORATION
(Mechanical/Electrical/Fire Protection Engineering Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------|------------------------------------|
| Principal | \$170.00 |
| Sr. Engineer | \$140.00 |
| Engineer | \$130.00 |
| CAD Technician | \$ 80.00 |
| Administrative | \$ 45.00 |

TABLE 1-8

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

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------|------------------------------------|
| Project Manager | \$ 105.00 |
| Professional Engineer | \$ 95.00 |
| Project Engineer | \$ 90.00 |
| Cadd/Tech | \$ 75.00 |
| Field Engineer | \$ 90.00 |
| Clerical | \$ 40.00 |

TABLE 1-9

SUBCONSULTANT: JSM & ASSOCIATES

(Baggage System Analysis & Design Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|--------------------------------------|------------------------------------|
| Principal | \$170.00 |
| Program Manager | \$170.00 |
| Project Manager | \$145.00 |
| Senior Engineer / Planner / Analysis | \$145.00 |
| Engineer / Planner / Analysis | \$125.00 |
| Junior Engineer / Planner / Analysis | \$110.00 |
| Designer | \$ 90.00 |
| Technician | \$ 70.00 |
| Clerical | \$ 65.00 |

TABLE 1-10

SUBCONSULTANT: **LEWIS, LONGMAN & WALKER, P.A.**
(DRI Annual Report Preparation Services)

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

TABLE 1-11

SUBCONSULTANT: NODARSE & ASSOCIATES, INC.
(Geotechnical / Quality Assurance 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 |

TABLE 1-12

SUBCONSULTANT: **O.R. COLAN ASSOCIATES**
(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 |

TABLE 1-13

SUBCONSULTANT: PROFESSIONAL SERVICE INDUSTRIES, INC.
(Facilities Consulting Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|--|------------------------------------|
| Chief Engineer | \$165.00 |
| Regional PIC/Senior Roofing & Waterproofing Consultant | \$125.00 |
| Senior Technical Professional/Department Manager | \$120.00 |
| Roof Consultant/Project Manager | \$105.00 |
| Senior Engineer | \$105.00 |
| Staff Engineer | \$100.00 |
| Facilities Specialist | \$ 95.00 |
| Facilities Technologist | \$ 75.00 |
| Computer Aided Drafting Services | \$ 65.00 |
| Administrative Assistant Services | \$ 45.00 |

TABLE 1-14

SUBCONSULTANT HOURLY RATES

SUBCONSULTANT: *RAS ENGINEERS AND CONSULTANTS, INC.*
(Materials 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 |

TABLE 1-15

SUBCONSULTANT HOURLY RATES

SUBCONSULTANT: **RICONDO & ASSOCIATES, INC.**
(Professional Analysis Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|------------------------------|------------------------------------|
| Officer | \$205.00 |
| Director | \$180.00 |
| Managing Consultant | \$150.00 |
| Senior Consultant | \$120.00 |
| Consultant | \$100.00 |
| Technical Specialist/Support | \$ 80.00 |

TABLE 1-16

SUBCONSULTANT: **RIVERVIEW CONSULTANTS, INC.**
(DBE Plan/Program/Goal Setting Methodology Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------|------------------------------------|
| Principal | \$80.00 |
| Manager | N/A |
| DBE Specialist I | \$45.00 |
| DBE Specialist III | <u>\$25.00</u> |
| | <u>\$150.00</u> |

TABLE 1-17

SUBCONSULTANT: SCHEDA ECOLOGICAL ASSOCIATES, INC.

(Environmental Services – Natural Resources)

DESCRIPTION

HOURLY BILLING RATES

| | |
|--------------------------|----------|
| 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 |

Scientific Diver Fee Schedule – SCUBA*

Depths ≤ 30 Feet

| | |
|-------------------------|----------|
| Environmental Scientist | \$137.50 |
| Senior Scientist | \$162.50 |

Depths > 30 Feet

| | |
|-------------------------|----------|
| Environmental Scientist | \$175.00 |
| Senior Scientist | \$200.00 |

* Dive Team (three member team) and boat captain rates are available

** Minimum billing of four (4) hours. Includes SCUBA equipment

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

DESCRIPTION

HOURLY BILLING RATES

| | |
|------------------|----------|
| Principal | \$180.00 |
| Senior Appraiser | \$145.00 |
| Staff Appraiser | \$100.00 |
| Clerical | \$ 50.00 |

TABLE 1-19

SUBCONSULTANT: SLIDER ENGINEERING
(Engineering Evaluation Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------|------------------------------------|
| Principal | \$275.00 |
| Associate | \$210.00 |
| Senior Engineer, PE | \$175.00 |
| Project Manager, PE | \$150.00 |
| Senior Project Manager | \$150.00 |
| Project Engineer, PE | \$135.00 |
| Senior Engineer | \$125.00 |
| Project Engineer | \$110.00 |
| Engineer | \$ 95.00 |
| Senior Designer | \$ 75.00 |
| Designer / CADD | \$ 70.00 |
| Engineer Technician | \$ 65.00 |
| Media Specialist | \$ 60.00 |
| Administrative Assistant | \$ 55.00 |

TABLE 1-20

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 |

TABLE 1-21

SUBCONSULTANT: **THE SUN GROUP**
(Architectural /Construction Services)

| <u>DESCRIPTION</u> | <u>HOURLY BILLING RATES</u> |
|---------------------------|------------------------------------|
| Principal Architect | \$165.00 |
| Senior Architect | \$115.00 |
| Associate | \$ 85.00 |
| Cadd Technician | \$ 65.00 |
| Clerical | \$ 45.00 |

TABLE 1-22

SUBCONSULTANT: THEODORE L. STEINWENDER – CONSTRUCTION CONSULTING
(EXPERT WITNESS SERVICES)

DESCRIPTION

HOURLY BILLING RATES

| | |
|---|---|
| Production, Reporting, Reviewing Documents, Inspection: | \$ 200.00 |
| Travel Time: | \$ 60.00 |
| Travel by Private Vehicle | Palm Beach County Contract Rate / mile |
| Travel by Air / Rental Car: | As billed, according to Out-of-Pocket Expense (With Supporting Documentation) |
| Other Expenses: | Direct Out-of-Pocket Expenses (With Supporting Documentation) |

TABLE 1-23

TABLE 2

SCHEDULE OF SUBSISTENCE AND REIMBURSABLE EXPENSES

The following unit prices are used in this Contract for Calendar Year 2009. 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 <i>Based on appropriate City-Pair</i> |
| | |
| Per Diem | \$95/day <i>Based on a quarter period (6 hours), no receipts.</i> |
| | |
| OR: | |
| { Hotel/Lodging | \$119.00 per person per day <i>Based on 2006 Federal Per Diem</i> |
| { Subsistence | \$39.00 per person per day Breakfast: \$ 8.00 Lunch: \$12.00 Dinner: \$19.00 <i>Based on 2009 Federal Government per Diem rates.</i> |
| | |
| Rental Car | \$56.75 per car per day <i>Based on 2006 Budget Rental Rates</i> |
| | |
| Personal Auto | \$0.445 per mile <i>Based on 2006 Palm Beach County Policies and Procedures Manual Travel – PPM# CW-F-009 (IRS Standard Rate Beginning 01/01/2006)</i> |
| | |
| 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.

TABLE 2-1

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 7/1/08

| | | | |
|--|--|---|--------|
| PRODUCER Ames & Gough 8300 Greensboro Drive, Suite 980 McLean, VA 22102 703-827-2277 | | THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. | |
| INSURED The LPA Group Incorporated 700 Huger Street P. O. Box 5805 Columbia, SC 29250 | | INSURERS AFFORDING COVERAGE Continental Casualty Company | NAIC # |

RECEIVED
 2008 JUL 21
 DEPT. OF AIRPORTS
 BLDG. 846 P.B.A.

COVERAGES

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

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

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

REFERENCE: Airport Consulting/Engineering Services

*Cancellation Notice: In the event the above policy is canceled, non-renewed or materially changed (materially changed defined as a reduction in the policy limit by endorsement during the policy period) prior to the expiration date thereof, the Company will provide 30 days written notice to the certificate holder named below.

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

IMPORTANT

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

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

DISCLAIMER

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

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/30/2008

PRODUCER (803) 799-5533 FAX: (803) 771-0166
 Keenan Suggs
 700 Huger St.
 Suite 100
 Columbia SC 29201
 INSURED
 THE LPA GROUP INCORPORATED
 The LPA GROUP of North Carolina, p.a.
 P.O. Box 5805
 Columbia SC 29250

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.

2008 AUG -1 AM 11:21
 DEPT. OF AIRPORTS
 BLDG. 846. PB1A


| | |
|-------------------------------------|--------|
| INSURERS AFFORDING COVERAGE | NAIC # |
| INSURER A: Cincinnati Insurance Co. | 10677 |
| INSURER B: | |
| INSURER C: | |
| INSURER D: | |
| INSURER E: | |

COVERAGES

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

| INSTR | ADD'L LTR | INSRD | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS |
|-------|-----------|-------|--|---------------|----------------------------------|-----------------------------------|--|
| A | | | GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> Ded. \$10,000.00 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC | CPP0838007 | 8/1/2008 | 8/1/2009 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 |
| A | | | 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 | CPP0838007 | 8/1/2008 | 8/1/2009 | 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 \$ |
| A | | | EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$ | CPP0838007 | 8/1/2008 | 8/1/2009 | EACH OCCURRENCE \$ 9,000,000 AGGREGATE \$ 9,000,000 \$ \$ \$ |
| A | | | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below | WC191564904 | 8/1/2008 | 8/1/2009 | <input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000 |
| A | | | OTHER | CPP0838007 | 8/1/2008 | 8/1/2009 | Valuable Paper 750,000 |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 RE: Airport Consulting/Engineering Services. Palm Beach County Board of Commissioners, a political subdivision of the State of Florida, its officers, employees and agents are additional insureds. Waiver of Subrogation provided.

| | |
|---|--|
| <p>CERTIFICATE HOLDER</p> <p>Palm Beach County Dept of Airports Attn: Nancy Herrera Planning & Development Division 846 Palm Beach Int'l Airport West Palm Beach, FL 33406</p> | <p>CANCELLATION</p> <p>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.</p> <p>AUTHORIZED REPRESENTATIVE </p> |
|---|--|

IMPORTANT

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

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

DISCLAIMER

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

09 -


BUDGET TRANSFER
BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA

Fund 4111 Airport Improvement & Development Fund

Advantage Document Numbers:
BGEX 120012809/960
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 01/28/09 | REMAINING BALANCE |
|--|-------------------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------------------------|-------------------|
| Expenditures | | | | | | | | |
| 121-A107-6505 | P-Design/Engineering Services | 500,000 | 3,574,732 | 1,019,458 | 0 | 4,594,190 | 2,496,992 | 2,097,198 |
| 121-A900-9909 | Reserves Improvement Program | 10,534,915 | 7,203,388 | | 1,019,458 | 6,183,930 | 0 | 6,183,930 |
| Total Appropriations & Expenditures | | <u>80,526,348</u> | <u>96,154,391</u> | <u>1,019,458</u> | <u>1,019,458</u> | <u>96,154,391</u> | | |

| | | | |
|--|---|----------------|---|
| | Signatures | Date | By Board of County Commissioners |
| OFMB |  | <u>1/28/09</u> | At Meeting of |
| INITIATING DEPARTMENT/DIVISION | | | <u>February 24, 2009</u> |
| Administration/Budget Department Approval | | | Deputy Clerk to the |
| OFMB Department - Posted | | | Board of County Commissioners |