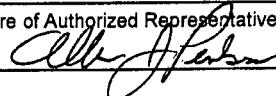


080033B

<b>APPLICATION FOR FEDERAL ASSISTANCE</b>		<b>2. DATE SUBMITTED</b> 5/27/2008	Applicant Identifier
<b>1. TYPE OF SUBMISSION</b> <i>Application</i> <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	<i>Pre-application</i> <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	<b>3. DATE RECEIVED BY STATE</b>	State Application Identifier
		<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	Federal Identifier
<b>5. APPLICANT INFORMATION</b>			
Legal Name: Gainesville-Alachua County Regional Airport Authority		Organizational Unit: Department: Airport Administration	
Organizational DUNS: 13-492-5275		Division: Airport Authority	
<b>Address:</b>		Name and telephone number of the person to be contacted on matters involving this application (give area code):	
Street: 3880 NE 39 <sup>th</sup> Ave. Suite A		Prefix: Mr. First Name: Allan	
City: Gainesville		Middle Name: John	
County: Alachua		Last Name: Penksa	
State: FL Zip Code: 32609-		Suffix:	
Country: USA		Email: allan.penksa@flygainesville.com	
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 5 9 — 2 7 7 4 6 4 3		Phone Number (give area code): 352-373-0249	Fax Number (give area code): 352-374-8368
<b>8. TYPE OF APPLICATION:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See instructions for description of letters.) <input type="checkbox"/> <input type="checkbox"/> Other (specify)		<b>7. TYPE OF APPLICANT:</b> (See instructions for Application Types) G Other (specify)	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> 2 0 • 1 0 6		<b>9. NAME OF FEDERAL AGENCY:</b> Federal Aviation Administration	
TITLE (Name of Program): Airport Improvement Program		<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> Rehabilitate Taxiway B (Pavement and Lighting)	
<b>12. AREAS AFFECTED BY PROJECT</b> (Cities, Counties, State, etc.): All or portions of Alachua, Bradford, Clay, Columbia, Gilchrest, Levy, Marion, Putnam and Union Counties in north central Florida.		<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant Fifth District b. Project Fifth District	
<b>13. PROPOSED PROJECT</b> Start Date: 12/5/2005 Ending Date: 8/30/2007		<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b> a. Yes. <input checked="" type="checkbox"/> THIS PREAPPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: 4/4/2008 b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
<b>15. ESTIMATED FUNDING:</b>		<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b> <input type="checkbox"/> Yes If "Yes", attach an explanation. <input checked="" type="checkbox"/> No	
a. Federal \$1,824,019.00			
b. Applicant \$48,000.50			
c. State \$48,050.50			
d. Local			
e. Other			
f. Program Income			
g. TOTAL \$1,920,070.00			
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE GOVERNING BODY OF THE APPLICANT HAS DULY AUTHORIZED THE DOCUMENT, AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>			
a. Authorized Representative			
Prefix: Mr. First Name: Allan		Middle Name: John	
Last Name: Penksa		Suffix:	
b. Title: CEO		c. Telephone Number (give area code): 352-373-0249	
d. Signature of Authorized Representative 		e. Date Signed: May 27, 2008	

FAA Grant Application  
 Gainesville Regional Airport  
 27-May-08

080033B

Brief Item Description	% Fed	Units	RW	(1) Const or Land Cost	(2) Eng/Land Incidental	(3) Admin	(4) Total	(5) Federal Entitlement	(6) Federal Discretionary	(7) Non- Federal
Rehabilitate Taxiway B (Pavement and Lighting)	95			1,579,895	336,525	3,600	1,920,020		1,824,019	96,001
									0	0
Total				1,579,895	336,525	3,600	1,920,020		1,824,019	96,001

080033 B

PROJECT NARRATIVE  
Application for Federal Assistance  
Gainesville Regional Airport  
May 27, 2008

**Rehabilitate Taxiway B (Pavement and Lighting)**

**Scope**

Taxiway B is an existing 48 ft. wide, 3,200 ft. long asphalt taxiway which connects the northern section of the general aviation side of the airport to runway 29. Runway 11-29 is the airport's primary runway. The existing pavement section is approximately 3.5 inches of asphalt on top of 6" to 8" of limerock. The proposed rehabilitation includes removal of the existing asphalt section of Taxiway B and connector A-1. The limerock base will be scarified, re-graded and supplemented as necessary, and compacted to a minimum depth of 7 inches. The taxiway will then be paved with approximately 4" of new asphalt.

Associated with the pavement rehabilitation will be installation of a new taxiway edge light system on the section identified as Taxiway B East. Base mounted LED lights will be installed along with new power cable in conduit and new counterpoise wire. A new homerun circuit will be established back to the airport's northern electrical vault, where a new constant current regulator will also be installed. Details of the design are included in the engineer's Design Report dated April 18, 2008 which has been submitted to the FAA. New edge lighting was previously installed on Taxiway B West and connector A-1. Fixture heights must be changed to correspond to new taxiway pavement elevations.

Bids for the project were received on May 20, 2008. A copy of the bid tabulation is included. The work was divided into various bid schedules to facilitate funding and budgeting decisions. The area of work and cost associated with each bid schedule is shown in the attached exhibits. The Gainesville Alachua County Regional Airport Authority requests funding to complete the minimum work included in Bid Schedules A, C, D and E. This work fits within the current project budget and will allow us to rehabilitate the primary section of Taxiway B pavement and lighting (identified as Taxiway B "east") and a major portion of connector A-1. Pavement A-1 shows evidence of base failure and has the lowest PCI rating on the airfield. We believe this section is in need of immediate replacement.

The above core scope also includes replacement of a section of deteriorated drain pipe crossing directly beneath Taxiway B (Bid Schedule E). Subsurface erosion around this drain pipe is causing the taxiway pavement to settle.

Please consider additional funding for the work included in Bid Schedule B, attached. This includes rehabilitation of Taxiway B pavement between Runway 25 and Taxiway A (identified as Taxiway B "west"). The additional cost for this work is \$251, 436.25 and

080033B

will result in the rehabilitation to current standards of all pavements associated with Taxiway B.

It is recommended that airfield drainage pipe on either side of Taxiway B also be replaced as resources allow. Bid prices were received for this work in Alt. Bid Schedule E. While it is included here for your consideration, this item is not our highest priority for the project and may be beyond available funding. The bid price for Add Alternate E is \$305,306.29. Please consider this item for additional funds should they become available.

#### **Justification**

The existing asphalt pavement is more than twenty years old and is in poor condition. The pavement is heavily oxidized and has extensive block cracking. A small section of the taxiway failed in 2006 due to settlement and has been temporarily repaired. Drainage pipe beneath this section will be replaced to correct the problem. The existing taxiway edge lighting system on Taxiway B "east" is also in excess of twenty years old and is in need of replacement. The direct buried underground cabling has deteriorated due to age and frequent lightning strikes. The cable can no longer be effectively repaired. It is now difficult to attain consistent lighting output under varying moisture conditions and the lights often appear dim.

#### **Project Costs**

The following costs are associated with the project. Construction costs are based on actual bid prices received on May 20, 2008. The lowest responsive bidder has been determined to be John C. Hipp Construction Equipment Company of Alachua, Florida, subject to FAA concurrence. The various work items represented are represented in bid schedules A through E. While all of the work is considered important for completion, the Airport Authority has ranked each bid work item in descending order of importance.

Gainesville Regional Airport  
 AIP Application - Taxiway B Rehabilitation  
 27-May-08

080033 B

**PROJECT COST SUMMARY**

**Professional Services**

Design Phase	URS Corporation Task Order No. 1	\$ 151,445.00
	URS Corp. Supplemental No. 1 - Pending (additional engineering services related to Bid Schedules B&C)	\$ 11,000.00
	R.W. Armstrong T.O # 21 - T/W B Sink Prelim. Geo Investigation	\$ 4,080.00
	Construction Phase	
	URS Corporation Task Order No. 2 CA/RPR Services (pending)	\$ 170,000.00
	Total Engineering and Professional Fees	\$ 336,525.00

**Administrative Costs**

Independent Fee Est.	I.F.E for Design Phase Services - Kimley- Horn	\$ 1,500.00
Bid Advertisements	Gainesville Sun, AAAE Airport Report, Florida Admin. Weekly	\$ 2,100.00
	Total Administrative Expenses	\$ 3,600.00

**Construction Costs**

John C. Hipp Construction Equipment Co. - Bids Opened May 20, 2008

Rank	Bid Schedule	Bid Schedule Work Summary	Bid Amount
1)	A	Rehab pavement T/W B East	\$ 806,036.33
2)	D	Install New LED lighting System T/W B East	\$ 228,389.03
3)	E	Replace section of drain pipe below T/W B East	\$ 204,876.74
4)	C	Rehabilitate pavement section A-1, reset lights and grade	\$ 89,161.38
5)	B	Rehabilitate pavement Taxiway B West, reset lights and grade	\$ 251,431.23
		Total Construction	\$ 1,579,894.71

TOTAL PROJECT COST \$ 1,920,019.71

\*\* For later funding consideration

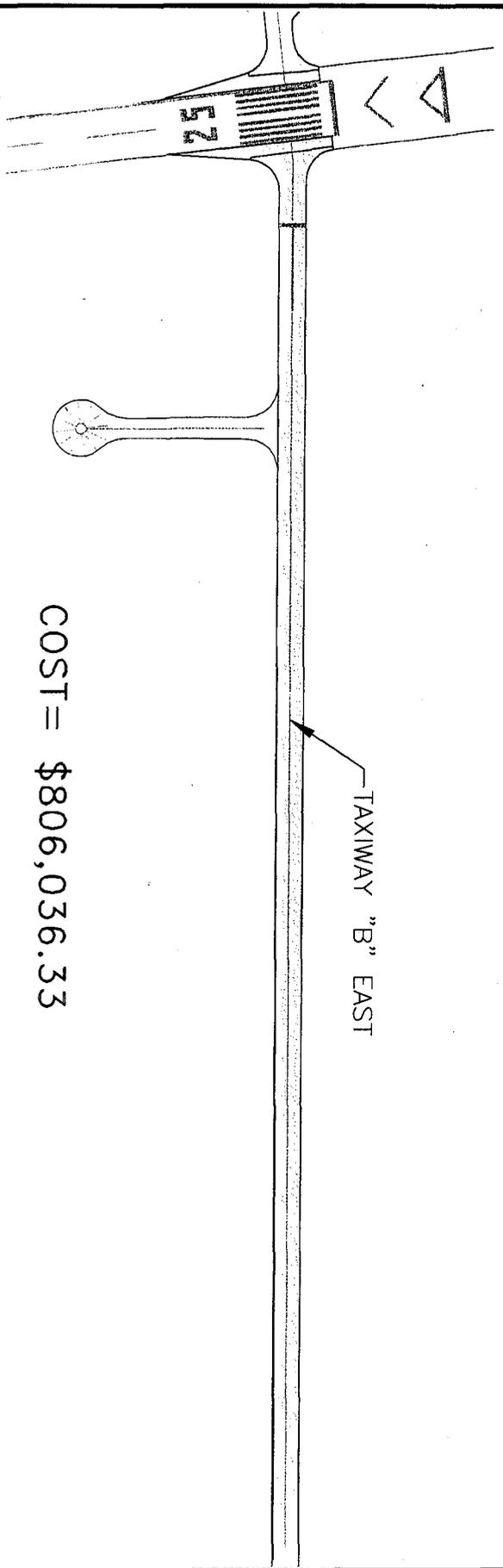
6) Add Alt. E Replace additional airfield drainage pipe adjacent to taxiway \$367,057.15



**BID SCHEDULE "A"**  
**REHABILITATION OF TAXIWAY "B" EAST**

000339

- ASPHALT PAVEMENT REMOVAL
- REWORK LIMEROCK BASE COURSE (7")
- NEW P-401 ASPHALT PAVING (4")
- PAVEMENT MARKING
- SHOULDER DRESSING/SOD



COST = \$806,036.33

**URS**  
 URS Corporation  
 7850 West Courtney  
 Campbell Causeway  
 Tampa, FL 33607-1462  
 No. 00000032

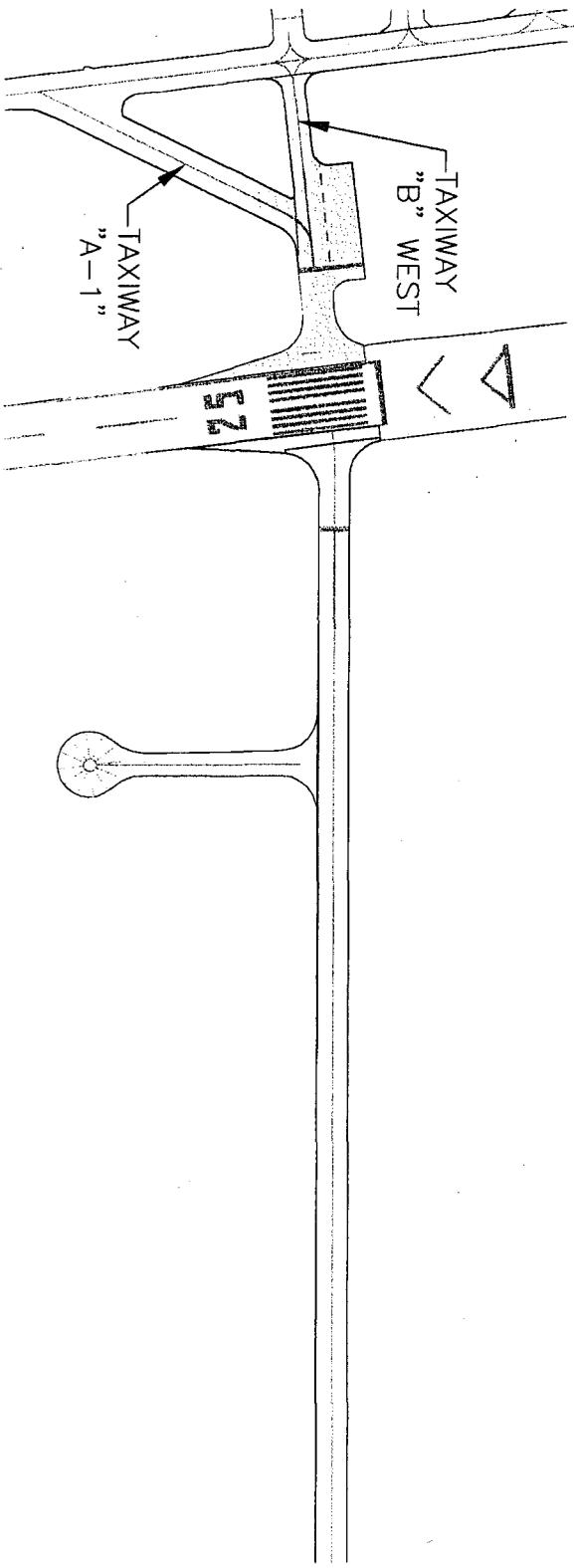
**GAINESVILLE REGIONAL AIRPORT**  
 Gainesville-Alachua County  
 Regional Airport Authority  
 3000 N.E. 28th Ave., Suite A  
 Gainesville, FL 32609

TAXIWAY "B" REHABILITATION AND LIGHTING	
BID SCHEDULE "A"	
MAY 22, 2008	SHEET NO. 1

00800336

**BID SCHEDULE "B"**  
**REHABILITATION AND RECONSTRUCTION OF TAXIWAY "B"**  
**WEST AND A PORTION OF TAXIWAY "A1"**

- ASPHALT PAVEMENT REMOVAL
- REWORK LIMEROCK BASE COURSE (7")
- NEW P-401 ASPHALT PAVING (4")
- PAVEMENT MARKING
- EARTHWORK/SHOULDER DRESSING/SOD
- AIRFIELD LIGHTING



COST = \$251,431.23

**URS**  
URS Corporation  
7850 West Courtney  
Tampa, FL 33607-1482  
No. 00000002

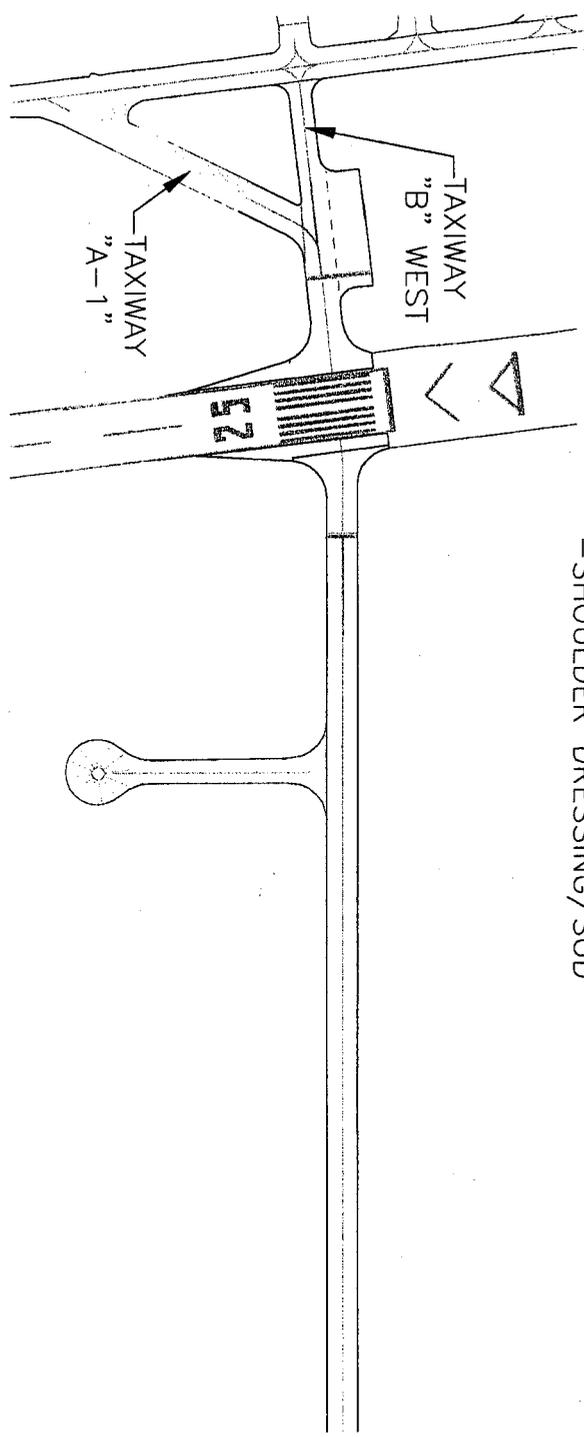
**AINPORT**  
GAINESVILLE REGIONAL  
Regional Airport Authority  
3800 NE 38th Ave, Suite A  
Gainesville, FL 32609

TAXIWAY "B" REHABILITATION AND LIGHTING	
BID SCHEDULE "B"	
MAY 22, 2008	SHEET NO. 2

080033B

**BID SCHEDULE "C"**  
**REHABILITATION OF TAXIWAY "A1"**

- ASPHALT PAVEMENT REMOVAL
- REWORK LIMEROCK BASE COURSE (7")
- NEW P-401 ASPHALT PAVING (4")
- PAVEMENT MARKING
- SHOULDER DRESSING/SOD

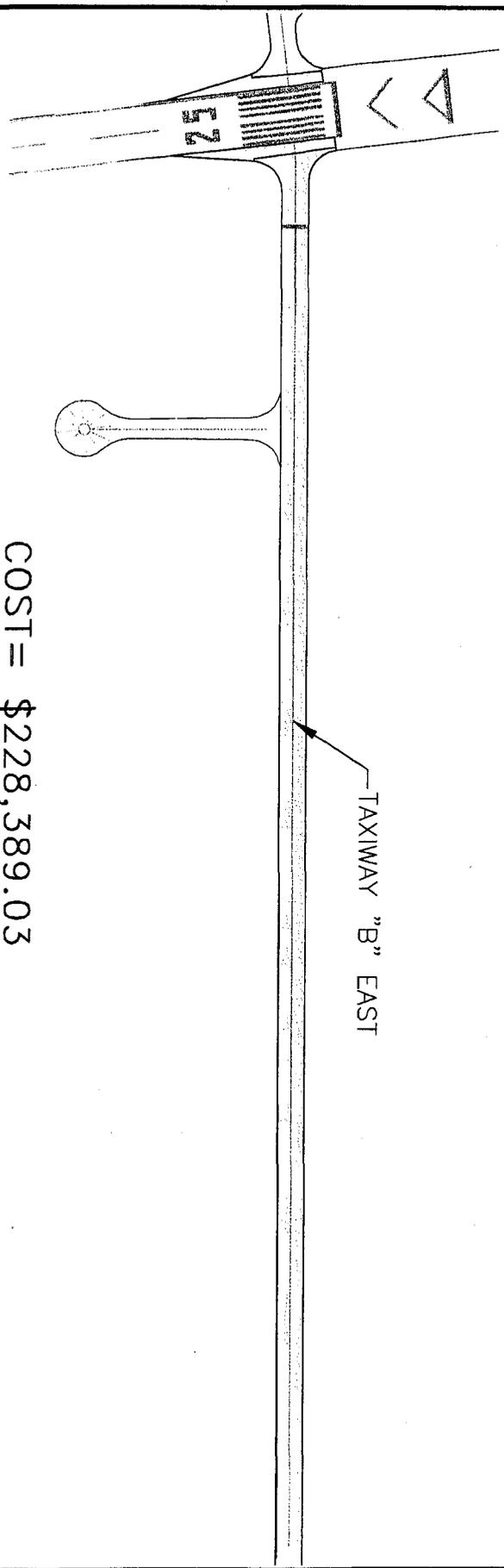


COST = \$89,161.38

 <p>URS Corporation 7550 Woodbury Cannibal Causeway Tampa, FL 33607-1482 No. 00000002</p>		 <p>Gainesville Regional Airport Gainesville-Alachua County Regional Airport Authority 3801 E. 38th Ave. Suite A Gainesville, FL 32609</p>	
TAXIWAY "B" REHABILITATION AND LIGHTING		TAXIWAY "B" REHABILITATION AND LIGHTING	
BID SCHEDULE "C"		BID SCHEDULE "C"	
MAY 22, 2008		SHEET NO. 3	

080033

BID SCHEDULE "D"  
NEW LED EDGE LIGHTING SYSTEM  
FOR TAXIWAY "B" EAST  
-AIRFIELD LIGHTING



COST = \$228,389.03

**URS**  
URS Corporation  
7650 West Courtney  
Tampa, FL 33607-1482  
No. 00000002

**GAINESVILLE REGIONAL AIRPORT**  
Gainesville-Alachua County  
Regional Airport Authority  
3050 N.E. 28th Ave., Suite A  
Gainesville, FL 32609

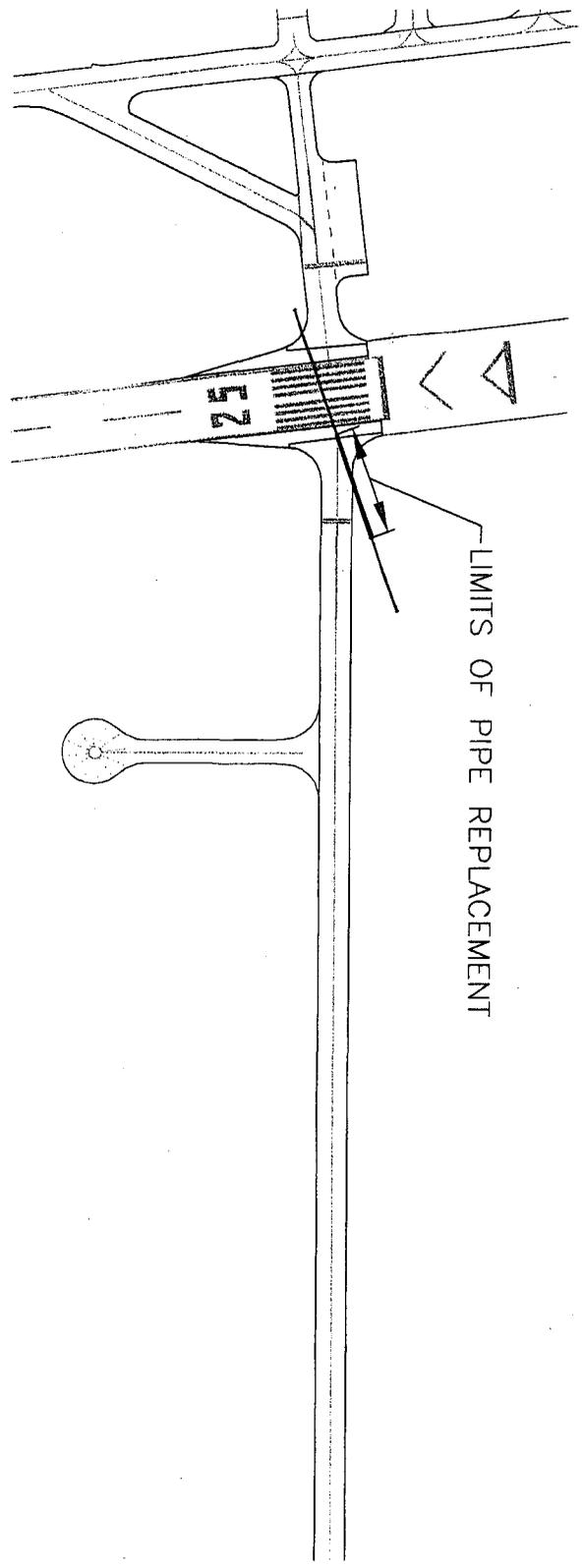
TAXIWAY "B" REHABILITATION AND LIGHTING	
BID SCHEDULE "D"	
MAY 22, 2008	SHEET NO. 4

BID SCHEDULE "E"

080033B

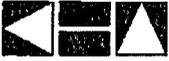
RECONSTRUCTION OF 42" RCP UNDER TAXIWAY "B"

- REMOVAL OF OLD DAMAGED PIPE
- INSTALLATION OF NEW PIPE
- LIMEROCK BASE COURSE



COST = \$204,876.74

 <p>URS Corporation 7850 West Courtney Champaign, CA 94920 Tel: 916/358-0700 Fax: 916/358-0002</p>	 <p>Gainesville-Alachua County Regional Airport Authority</p> <p>3801 E 38th Ave, Suite A Gainesville, FL 32609</p>	TAXIWAY "B" REHABILITATION AND LIGHTING	
		BID SCHEDULE "E"	
MAY 22, 2008		SHEET NO. 5	



Kimley-Horn  
and Associates, Inc.

008000333 B

January 21, 2008

■  
Suite 109  
5200 N.W. 33rd Avenue  
Ft. Lauderdale, Florida  
33309

Mr. Michael Iguina  
Airport Facilities Manager  
Gainesville-Alachua County Regional Airport Authority  
3880 NE 39<sup>th</sup> Avenue, Suite A  
Gainesville, FL 32609

**Re: Taxiway "B" Rehabilitation and Lighting/Electrical Design  
Independent Professional Services Estimate**

Dear Michael:

Pursuant to your request Kimley-Horn and Associates, Inc. (KHA) is pleased to provide a proposal to prepare an Independent Estimate of Professional Services for the above referenced project. Our understanding of the project is as follows:

**PROJECT UNDERSTANDING**

The Airport has retained URS Corporation Southern, (Engineer) to provide Professional Consulting Services for the Rehabilitation of Taxiway "B" and "A-1" at the Airport. This project will include the replacement of the existing edge lighting system and upgrading the airfield guidance signage adjacent to the work areas. The existing taxiway pavement section consists of an asphaltic surface course over a prepared base. The Engineer will develop a comparative analysis of viable rehabilitation methodologies. In addition the Engineer will review a possible sinkhole at the west end of Taxiway "B" and, if required, prepare remediation plans.

Services will include Preliminary Design, Final Design, Bid/Award Assistance and Construction Administration Services.

**PROJECT SCOPE AND FEE**

KHA proposes to provide an Independent Professional Services Estimate for a lump sum fee of \$1500.00. The estimate will include a Project Understanding, Anticipated Consultant Scope of Work, Estimate of Fees and Fees Breakdown.

The Fee will be prepared based on information provided by the Airport. KHA will not visit the site, review record drawings or contact the Engineer in an



Kimley-Horn  
and Associates, Inc.

080033B

Mr. Michael Iguion, January 21, 2008, Page 2

effort to further define the scope. The fee will be based on a level and effort and cost incurred should KHA be performing the project.

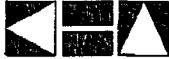
Thank you for the opportunity for providing this service. If you have any questions or comments please do not hesitate to contact me.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "L. Michael Carey".

L. Michael Carey, P.E.  
Project Manager



Kimley-Horn  
and Associates, Inc.

080033 B

January 21, 2008

■  
Suite 109  
5200 N.W. 33rd Avenue  
Ft. Lauderdale, Florida  
33309

Mr. Michael Iguina  
Airport Facilities Manager  
Gainesville-Alachua County Regional Airport Authority  
3880 NE 39<sup>th</sup> Avenue, Suite A  
Gainesville, FL 32609

*Re: Taxiway "B" Rehabilitation and Lighting/Electrical Design  
Independent Professional Services Estimate*

Dear Michael:

Pursuant to your request Kimley-Horn and Associates, Inc. has completed an Independent Professional Services Estimate for the above referenced task. Our estimate is based on the following information provided by the Gainesville-Alachua County Regional Airport Authority (Airport):

- Scope of Services identified as Task Order Number 1 which includes project description and services by Engineer.
- Fee Proposal spread sheet.
- Airport Layout Exhibit.

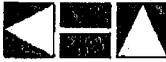
A Construction Budget has not been provided.

#### PROJECT UNDERSTANDING

The Airport has retained URS Corporation Southern, (Engineer) to provide Professional Consulting Services for the Rehabilitation of Taxiway "B" and "A-1" at the Airport. This project will include the replacement of the existing edge lighting system and upgrading the airfield guidance signage adjacent to the work areas. The existing taxiway pavement section consists of an asphaltic surface course over a prepared base. The Engineer will develop a comparative analysis of viable rehabilitation methodologies. In addition the Engineer will review a possible sinkhole at the west end of Taxiway "B" and, if required, prepare remediation plans.

■  
TEL 954 535 5100  
FAX 954 739 2247

© Consultants and Engineers, Inc. All Rights Reserved. Local Weather/Temperature Information Provided by National Weather Service. Correspondence to:



**SCOPE OF WORK**

080033 B

The Scope of Work for the project is identified in Task Order Number 1 and generally includes the following:

A. **Basic Services**

1. **Preliminary Phase** - The Engineer will research and review relevant record documents that the Airport has on file and conduct field investigation. **From the Scope of Services provided it appears the Engineer will not be responsible for design related Surveys or Geotechnical Studies. These responsibilities appear to be the Airports responsibility under Section III, item 4.** The Engineer will also confer with the owner regarding funding, schedule and other preliminary design requirements. In addition, the Engineer will coordinate with FAA, FDOT and local permitting agencies.
2. **Design Phase**- The Engineer will prepare detailed plans and specifications suitable for public bid for the project. In addition an Engineering Report will be prepared including detailed construction cost estimates.

The Engineer will provide up to ten (10) sets of final plans and specifications for agency coordination and suitable for public advertising. In addition, the Engineer will assist the Airport with project advertising including conducting Pre-Bid Conference and issuing addenda as needed.

B. **Construction Phase Services** - The Engineer will provide construction phase services including reviewing proposals received from bidders, tabulating proposals and make recommendations regarding award. In addition the Engineer will represent the Airport in the Pre-Construction Conference, provide bi-weekly inspections, full time Resident Project Representative (RPR) services during pavement rehabilitation operations and part time RPR during all other construction operations.

In addition, the Engineer will review progress payments, perform a final inspection and provide closeout documents.

Contract time is estimated at 4 months (16 weeks).



080033B

**SERVICES NOT PROVIDED BY ENGINEER**

As detailed in Task Order Number 1, the following services will not be provided by the Engineer.

- Design Related Field Surveys
- Design Related Geotechnical Work
- Permitting Assistance ( including preparation of applications)
- Full Time RPR Services during the life of the project (Part time only).
- Construction Related Geotechnical Testing
- Prepare Grant Applications on behalf of the Airport
- Prepare Airspace Study Checklist on behalf of the Airport

**PROFESSIONAL SERVICES FEES**

Based on our understanding of the Scope of Work, the estimated fees for Professional Services shall be as following.

A. Basic Services

1. Preliminary Phase	\$19,904
2. Design Phase	\$208,032

B. Construction Phase Services

1. Construction Phase Services	\$42,976
2. RPR Services (Hourly)	\$40,000

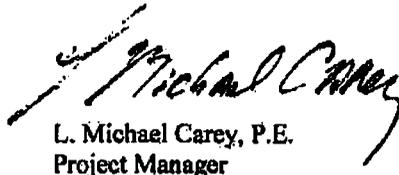
C. Expenses

<u>\$5,500</u>
Total \$316,412

Thank you for the opportunity for providing this service. If you have any questions or comments please do not hesitate to contact me.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.



L. Michael Carey, P.E.  
Project Manager

Enclosures

**TASK ORDER NO. 21  
TAXIWAY B INVESTIGATION  
GAINESVILLE REGIONAL AIRPORT**

080033B

This Task Order No. 21 shall be made a part of the Agreement dated August 15, 2002, between Gainesville-Alachua County Regional Airport Authority (Owner) and R.W. Armstrong and Associates, Inc., (Engineer). Task Order No. 201 includes the following project description, scope of services, professional services fee and schedule for performance:

**A. Project Description**

Recent observations of Taxiway B in the vicinity of Runway 7-25 appear to show that some settlement of the taxiway may be occurring. During a small repair event, the subgrade was noted as being very soft and that the possibility of voids may exist. Recommendations were made that the Owner have a geophysical survey of the depressed area completed to determine if additional action may be required.

**B. Scope of Services**

The Engineer shall provide professional services for the following items:

1. Perform a site investigation of the suspected areas and provide recommendations of areas to complete a geophysical survey.
2. Solicit a qualified geotechnical firm to provide a geophysical survey of the suspected settlement area.
3. Assist the geotechnical firm in obtaining access to the airfield.
4. Perform a review of the results of the survey and provide a summary report with recommendations to the Owner regarding additional action.

**C. Professional Services Fee**

The fee for Professional Services covered by Items 1 through 3 of the Scope of Services shown in this Amendment is the lump sum amount of four thousand eighty dollars (\$4,080.00).

**D. Time of Performance**

The time of performance for this task order will be sixty (60) days from Notice to Proceed.

This Task Order No. 21 is effective as of November 30<sup>th</sup>, 2006.

080033B

**E. ORIGINAL AGREEMENT**

All Terms and Conditions of the Agreement dated August 15, 2002 shall remain the same and shall apply hereto.

**F. ACCEPTANCE**

By signature, the parties hereto accept the provisions of this Task Order No. 21.

ENGINEER:

R.W. ARMSTRONG AND ASSOC.

By:  P.E.  
\_\_\_\_\_  
Marc A. Skillman  
Regional Director

OWNER:

GAINESVILLE-ALACHUA  
COUNTY REGIONAL AIRPORT  
AUTHORITY

By:   
\_\_\_\_\_  
Richard Crider  
Chief Executive Officer

**R.W. ARMSTRONG & ASSOCIATES, INC.**  
**TAXIWAY B GEOPHYSICAL INVESTIGATION**  
**GAINESVILLE REGIONAL AIRPORT**

080033B

Item/Activity	EMPLOYEE CLASSIFICATION			
	Director	Senior Proj. Man.	Project Engineer	CAD Technician
<b>Geophysical Survey</b>				
Site Visits		2		
Coordination		4		
Review and Recommendations		4	0	
<b>TOTAL HOURS</b>	0	10	0	0
<b>HOURLY RATE (2006 RATES)</b>	\$ -	\$ 158	\$ -	\$ -
<b>TOTALS</b>	\$ -	\$ 1,580	\$ -	\$ -

**RWA DESIGN FEE (SUM OF ABOVE)**      \$      1,580

**SUBCONSULTANT FEES:**

UNIVERSAL ENGINEERING SCIENCES  
 GEOPHYSICAL SURVEY                      \$      2,500

**TOTAL DESIGN SERVICES**                      \$      4,080