

LOUISVILLE REGIONAL AIRPORT AUTHORITY
BOARD MEETING
JULY 19, 2017

001484

The regular meeting of the Board of the Louisville Regional Airport Authority was held on July 19, 2017. Chairman Jim Welch convened the meeting at 3:19 p.m. in the Boardroom of the Louisville Regional Airport Authority, Louisville, Kentucky.

Those in attendance were: Mr. Bill Byrley, Ms. Mary Rose Evans, Ms. Nikki Jackson, Mr. Earl Jones, Mr. Jon Meyer, Ms. Cissy Musselman, Ms. Lesa Seibert, Mr. Steve Trager and Mr. Jim Welch. Not in attendance: Mr. Dale Boden and Mayor Greg Fischer. Mr. Tom Halbleib attended as counsel to the Board.

Staff Members in attendance were: Ms. Brenda Allen, Ms. Pat Apone, Ms. Dodie Caulk, Mr. Dwight Clayton, Mr. Mike Ford, Mr. Josh Grimes, Mr. Sean Guihan, Ms. Noel Jolly, Mr. Tom Middleton, Mr. Skip Miller, Mr. Jeff Nall, Mr. Steve Petty, Ms. Karen Scott, Mr. Brian Sinnwell, Ms. Stephanie Smith, Mr. Adam Thomas, Mr. Tom Tyra, and Mr. Darrell Watson.

Also in attendance: Mr. Jeff Bryant, Mr. Bobby Campbell, Mr. Ken Cushine, Mr. Todd Knuckey, Mr. Clair Nichols, Mr. Tony Oberhausen, Mr. Rick Storm, Mr. Richard Sutherland, Ms. Julie Taylor, Mr. Matt Townsend, Ms. Melissa Vasher and Ms. Mary Ellen Wiederwohl.

CONSIDERATION OF MINUTES

The minutes of the regular board meeting held June 21, 2017 were reviewed and, upon motion duly made and seconded, unanimously approved.

MARKETING REPORT

Mr. Tom Tyra presented the Marketing Report. The Air Service Report for the month ending July 31, 2017 shows 78 daily flights, which is the same number of flights and 27 daily seats more than last month and an increase of four flights and 657 daily seats from the same period last year.

Mr. Tyra announced that United Airlines will add a sixth daily flight to Chicago, IL beginning September 6, 2017 operated by Republic Airlines using 76-seat aircraft. Allegiant Air will add new service to Phoenix/Mesa, AZ beginning October 4, 2017. The service will operate on Wednesdays and Saturdays on a year-round basis using 156-seat A319 aircraft. In addition, Allegiant Air will add a third weekly flight to Fort Myers/Punta Gorda, FL on October 3, 2017. The flight will operate on Tuesdays during October using 177-seat Airbus 320 aircraft.

FINANCIAL REPORT

Ms. Pat Apone presented the financial report for the month ending June 30, 2017. Landed weights related to passenger and cargo activities for the month of June, the fiscal year and the calendar year-to-date remained strong.

Operating revenues for the month of June and the fiscal year exceeded their budgeted levels. The operating revenues for the month are \$5,961,777 which is 11% above budget, and operating revenues for FY 17 are \$69,374,528 which is 9.1% above the budgeted amount. Revenues derived from landing fees, FBO rents, parking and car rental concessions, and terminal concessions all exceeded year-to-date budget expectations.

Operating expenses for June 2017 were \$4,728,190 which was 41% below budget and fiscal year operating expenses were \$31,245,843 which was 15.5% below budget. Expenses related to snow removal, payroll, contract and professional services, and consulting services fell below their forecasted levels.

Ms. Apone introduced Mr. Ken Cushine and Mr. Matt Townsend of Frasca & Associates, LLC who presented an overview of the Benchmarking and Financial Plan Review their company conducted for the Authority. Board members were provided with a copy of the final report for their review.

CONSTRUCTION REPORT

Mr. Brian Sinnwell presented the construction report.

At Louisville International Airport, for the Terminal Enhancement Project, the Terminal Art Working Group viewed preliminary rotunda art concepts in May. The artist plans to attend the September Board meeting to display the conceptual design. For the Crittenden Drive Woodlawn Overpass Project, the deck pour of the north bridge was completed the week of June 12th and asphalt work on the intersection of Allmond Avenue and Woodlawn is ongoing. Additional asphalt paving on Woodlawn, moment slab work and concrete railing work remain. Overall, the project is approximately 88% complete. For the Airfield Pavement Rehabilitation Project, to remove and replace concrete slabs on Runway 17L-35R, Taxiway "B" and Taxiway "D", asphalt milling and overlay of shoulders is complete. Six slabs now remain to be replaced on Taxiway "B" and project work is approximately 88% complete. For the Terminal Apron Reconstruction and Expansion Project, concrete pavement is being placed in area 4 near the Cargo facility. Excavation is complete, stone fill has been placed and asphalt base was installed in preparation for concrete near the Administration Building. Pavement demolition is complete west of the U.S. Customs building and stone fill is being placed. This project is approximately 37% complete. For the Airfield Electrical Upgrade Project to replace airfield cabling and isolation transformers for airfield in-pavement and edge lights at Louisville International Airport, work is underway and the project is approximately 85% complete. For the Perimeter Road Rehabilitation and Perimeter Security Fence Project, to reconstruct a section of airport perimeter road with asphalt and concrete, including drainage improvements, an area from the "PR" gate to Taxiway "K" is now complete and the existing wood fence has been replaced with chain link fence. Grading work along the new concrete pavement is ongoing. This project is approximately 30% complete.

At Bowman Field, Hanson Professional Services, Inc. continues work on the acquisition of aviation easements for the purpose of obstruction removal as part of the Airport Area Safety Program. Work includes survey verification, title search, easement appraisals, development of

001486

avigation easement documents, offers and consultation with property owners regarding the mitigation and replacement of trees. Bob Ray, Inc. completed tree trimming and tree removals on residential properties where new avigation easements were acquired and property access was granted. The final punch list of items for property restoration, stump grinding and clean-up work continues. Overall, this work is 80% complete. Bowling Nursery was issued a Notice to Proceed for tree planting, landscaping, and restoration work for the Phase 2 Restoration and Obstruction Mitigation Project, and work is progressing on residential properties. This work is 70% complete. For the Curtis Hangar Painting Project, work began in May with paint preparation work, and painting started June 5th. Work should be completed by July.

Mr. Sinnwell reported on the Relocation Program, noting that the demolition contract for three structures is now complete.

For the Sound Insulation Program, acoustical testing was conducted on 24 University of Louisville Belknap campus buildings. Two buildings have an overall interior noise level above 45dB and are eligible for treatment of the entire structure. There are six additional buildings that have rooms which exceed the 45 dB criteria on an individual basis but do not qualify for full treatment of the entire structure. For Phase II of the project which includes the Environmental Assessment (EA) and design work for noise mitigation measures, EA scoping letters have been sent to applicable agencies and the historic/architecture survey report is being finalized.

BOARD CONSENT ITEMS

1. Harris Corporation — Aircraft Flight Tracking and Noise Management System, Contract Amendment No. 3 —Contract Approval

In the Part 150 Noise Compatibility Program for Louisville International Airport, program management measures were included to track the flights at Louisville International Airport and acquire portable noise monitoring equipment in order to monitor actual noise levels, provide for periodic validation of calculated noise exposure, and to investigate community concerns. The purchase of 2 portable noise monitoring terminals was included in the contract for an Aircraft Flight Tracking and Noise Management System as Optional System Enhancement, Option 1. On July 19, 2012, the Board awarded the contract for an Aircraft Flight Tracking and Noise Management System to Exelis Inc. of McLean, VA (acquired by Harris Corporation in December 2015) for the amount of \$278,561.59. This contract was awarded with the ability to allow five renewal options. Amendment No.1 to the contract was approved in June 2015 in the amount of \$94,915.99. Amendment No.2 to the contract was approved in July 2016 in the amount of \$90,000.00. LRAA staff is recommending exercising the contract option for Amendment No. 3 in the amount of \$90,000.00 and executing Optional System Enhancement, Option 1 – Purchase of 2 Portable Noise Monitoring Terminals, in the amount of \$37,661.00, bringing the total contract value to \$591,138.58. An existing FAA grant will provide 90% of the funding for the noise monitoring equipment. These items were also approved in the Authority's FY-2018 annual operations budget.

Ms. Scott recommended the Board approve Contract Amendment No. 3 for an Aircraft Flight Tracking and Noise Management System to Harris Corporation of Herndon, VA, in the amount

of \$127,661.00 for a total not-to-exceed contract value of \$591,138.58; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

2. Axtell Pavement Solutions, LLC — On-Call Airfield Paint Markings Removal and/or Replacement Contract Amendment No. 1 — Approval

In May, the Board approved an On-Call Airfield Paint Markings Removal and /or Replacement contract with Axtell Pavement Solutions, LLC of Scott Township, PA, for an initial term of one-year with two one-year renewal options. The contract had a set not-to-exceed amount of \$150,000.00. Staff is asking to increase the not-to-exceed amount of the contract to \$250,000.00 to include the approved fiscal year 2018 funds for this on-going project so work can continue through the remainder of the year. This work is necessary to remove existing, old paint markings and lines and to apply new paint to the airfield taxiways.

Ms. Scott recommended the Board award Amendment Number One to Axtell Pavement Solutions, LLC of Scott Township, PA, increasing the amount from a not-to-exceed amount of \$150,000.00 to \$250,000.00; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

3. Airfield Geometric Improvements — Louisville International Airport — Contract Award

This project will improve airfield efficiencies and prepare for the movement of larger Group VI aircraft at the Louisville International Airport. The project consists of removal and replacement of asphalt shoulder pavement with aircraft rated asphalt pavement to account for Group VI aircraft turning movements on specific locations along Taxiway D. Additional FAA requirements necessitate construction of asphalt shoulder pavement at Taxiway 'F3'. The project also replaces degrading asphalt surfaces at Taxiway N by milling and overlaying the existing asphalt surface. Miscellaneous electrical improvements and pavement markings will also be completed to accommodate the Group VI aircraft movements.

The project was advertised in *The Courier-Journal* and the *Louisville Defender* and was posted on the Authority's website. Two bids were received on July 14, 2017 and the low bidder was E&B Paving, Inc. of Clarksville, IN with a unit price base bid of \$344,112.17. This bid accounts for the initial construction effort of the Group VI Airfield Geometric Improvements with a total budget of \$4,200,000. The 10.61 target percentage for Disadvantaged Business Enterprises (DBE) participation was met and exceeded by inclusion of the following DBE contractors: 2.4% by Earth Images, Inc. and 12.3% by Bansal Construction, Inc. for a total of 14.7%.

Authority staff and HNTB have reviewed the bid documents submitted by E&B Paving, Inc. and have verified the bid to be responsive and are recommending the contract award.

001488

Ms. Scott recommended the Board award the contract for the Airfield Geometric Improvements to E&B Paving, Inc. of Clarksville, IN in accordance with the unit prices set forth in the bid for a not-to-exceed amount of \$344,112.17; and, authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

4. Amec Foster Wheeler — On-Call Materials Testing Contract Amendment No. 1 — Louisville International and Bowman Field — Approval

On March 17, 2015, the Board approved the award of an "On-Call Material Testing Services" contract with Amec Foster Wheeler for ongoing material testing services of soils, concrete and asphalt at Louisville International Airport and Bowman Field. The initial budget authorization was for \$300,000 which is nearing completion due to the heavy amount of construction accomplished this year. Therefore, this amendment authorizes the continued use of Amec Foster Wheeler for On-Call Material Testing Services for an additional Not-To-Exceed amount of \$300,000 to address ongoing and anticipated material testing needs as required by the FAA.

Ms. Scott recommended that the Board approve Contract Amendment No. 1 with Amec Foster Wheeler of Louisville, KY in the amount of \$300,000, bringing their total Not-To-Exceed contract fees to \$600,000; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

BOARD ACTION ITEMS

5. Annual Purchase of Authority Insurance Policies — Approval

The majority of the Authority's various insurance policies expire July 31, 2017. In July 2015, the Authority's property and inland marine insurance policy was awarded for a three-year term expiring on July 31, 2018. Board-approved brokers represent the Authority in obtaining price quotes from insurance carriers for the expiring lines of insurance. Key lines of coverage represented by Aon Risk Services are workers compensation and public officials'/employment practices liability coverages. Key lines of coverage represented by Willis Towers Watson are airport/general liability, property, and commercial auto coverages. Both brokers are in the first of two possible one-year extensions of their current agreements with the Authority. The brokers provided quotes tailored to our specific needs and requirements. Staff has reviewed each of the quotes by line of coverage and recommendations are included in the attached summary. The annual insurance premium cost for the Authority's full insurance program, as proposed, is \$598,553 with all-inclusive costs including premiums, broker fees, taxes, assessments and surcharges totaling approximately \$660,655. This represents a 0.4% increase over last year's costs for comparable coverages. Funds are included in the Fiscal 2018 operating budget for these lines of coverage in the amount of \$700,000.

Ms. Scott recommended the Board approve the purchase of the insurance coverages from the listed companies at the costs stated (copy attached); and authorize the Interim Executive Director to execute the necessary documents subject to review by counsel as to the legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

6. Airport Improvement Program (AIP) Consultant — Louisville International and Bowman Field — Contract Award

This process consists of the qualification based selection of planning, design, construction management and inspection consultant services for federally funded projects in accordance with the FAA Advisory Circulars and as identified in the Louisville Regional Airport Authority's 5-year capital improvement program and as identified on the Airport Layout Plan for Louisville International Airport and Bowman Field. The Authority advertised a Request for Qualifications in *The Courier-Journal* and the *Louisville Defender*, through the American Association of Airport Executives website, and through the Airport Authority's website. A total of six qualified firms submitted proposals for the Authority's careful consideration. A consultant selection working group comprised of two Board Members, a representative from UPS and two Authority staff members independently reviewed the proposals. The working group selected two of the six firms to present their credentials, and consultant interviews were conducted by the working group. After completing the interviews, the working group unanimously recommends Atkins as the most qualified consultant to carry out these professional services. A fee schedule consistent with FAA and engineering standards was negotiated with Atkins. This fee schedule will be utilized for individual projects and presented to the Board as each project is formulated. The AIP Consultant contract will be in effect for a three-year period with an option for an additional mutually agreed upon two-year term.

Ms. Scott recommended the Board approve the award of the three-year contract for the LRAA's Airport Improvement Program (AIP) Consultant to Atkins as the most qualified consultant, and approve the schedule of hourly rates and profit and overhead factors for each of the three years of the contract (copy attached) and, authorize the Interim Executive Director to execute the necessary contract documents subject to approval and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

7. Bowman Field Administration Building Drainage and Sanitation Improvements — Contract Award

This project addresses ongoing sanitation and storm water issues at the Bowman Field Administration Building. The project consists of replacement of a grease trap and exterior site civil elements including replacement of the storm drainage system, sidewalks, stairs, wheelchair ramp, stairwells, sump pump, retaining walls, and asphalt pavement. The project was advertised in *The Courier-Journal* and in the *Louisville Defender* and was posted on the Authority's website. Three bids were received with the low bid submitted by E-Z Construction Co., Inc. of Louisville, KY with a unit price bid of \$392,808. The approved budget for this project is \$450,000. Authority staff and our consultant, Stantec, have reviewed the bid documents

001490

submitted by E-Z Construction Co., Inc. and have verified the bid to be responsive and are recommending the award.

Ms. Scott recommended the Board award the contract for Bowman Field Administration Building Drainage & Sanitary Improvements to E-Z Construction Co., Inc. of Louisville, KY in accordance with the unit prices set forth in the bid for a not-to-exceed amount of \$392,808; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

8. Bowman Field Apron Reconstruction — Contract Award

This project consists of asphalt apron milling and overlay, asphalt replacement with concrete pavement, and fence replacement around the fuel system near the Louisville Executive Aviation hangar. The bids included bid alternate 1 to address additional apron paving and bid alternate 2 for replacing the existing fence with decorative fence. The project was advertised in *The Courier-Journal* and in the *Louisville Defender* and was posted on the Authority's website. Two bids were received and the low bidder was Mac Construction & Excavating, Inc. of New Albany, IN with a unit price base bid of \$285,365.85. The bid also included bid alternate 1 at \$252,383.50 and bid alternate 2 at \$68,264.20 for a total of \$606,013.55. The approved budget for this project is \$726,500. Authority staff and our consultant, Stantec, have reviewed the bid documents submitted by Mac Construction & Excavating, Inc. and have verified the bid to be responsive and are recommending the award.

Ms. Scott recommended the Board award the contract for the Bowman Field Apron Reconstruction to Mac Construction & Excavating, Inc. of New Albany, IN including the base bid and bid alternates 1 and 2 in accordance with the unit prices set forth in the bid for a not-to-exceed amount of \$606,013.55; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

9. Louisville Renaissance Zone Tax Increment Financing Project and Grant Amendment — Approval

Previously, the Board approved and the Authority executed and delivered a Grant Contract dated December 8, 2003 among the Commonwealth of Kentucky, the Authority and the LRZC. Pursuant to the Contract, the Commonwealth agreed to pay certain incremental tax revenues to the LRZC. The Contract was subsequently amended to make the necessary determination approving the use of TIF revenues to fund Project No. 1 consisting of infrastructure and other improvements in the Louisville Renaissance Zone. Staff has now identified additional improvements that would benefit the development in the Zone that are beyond the scope of Project No. 1 as previously submitted. Staff recommends developing a Project No. 2 application to be submitted to the Commonwealth and an additional amendment of the Contract be entered into permitting use of TIF revenues to fund these projects. Estimates indicate sufficient TIF collections will be available to fund all infrastructure in Project No. 2.

Mr. Miller recommended the Board approve the development of a Project No. 2 application to be submitted to the Commonwealth (project list attached), and authorize the Executive Director to execute a Grant Contract Amendment incorporating Project No. 2 as approved by the Commonwealth, subject to review by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Mr. Miller's recommendation.

OLD BUSINESS

Ms. Nikki Jackson and Ms. Karen Scott reported to the Board that they, Ms. Brenda Allen, Ms. Pat Apone, Mr. Mike Ford and Mr. Darrell Watson, had met to discuss the Authority's current DBE/ACDBE sourcing and securing process and potential areas for improvement in the process. Ms. Jackson stated following the discussion she was very pleased with the Authority's compliance with FAA regulations and with the Authority's commitment to diversity and inclusion in the process. Ms. Karen Scott provided a copy of the materials that she and staff had reviewed with Ms. Jackson detailing both the Authority's federal and non-federal DBE/ACDBE programs. Some adjustments have been made to the DBE/ACDBE reporting section of the finance report to better reflect and capture these activities. Ms. Scott indicated the Authority will consider certain adjustments to the non-federal DBE/MBE/WBE outreach program to continue to encourage development of DBE/MBE/WBE contractors and businesses.

NEW BUSINESS

Ms. Lesa Seibert introduced the idea of the Authority applying to host the 2019 National Airports Council International – North America Annual Conference and Exhibition in Louisville. The Board was provided copies of the Request for Proposals for hosting the conference to review. Ms. Seibert provided a brief overview of the purpose of ACI-NA and her involvement with the organization, and the benefits the conference would bring to our community. The economic impact of the conference on Louisville would be approximately \$6 to \$7 million, and the conference would allow us to showcase our city to the aviation industry. The financial commitment to host the conference would be approximately \$600,000 which would cross 2 budget years, and the Authority could solicit sponsorships from community businesses. Ms. Seibert and Ms. Scott had met with the CVB to discuss the possibility of hosting the conference. Following discussion, the Board agreed to submit a Letter of Intent to respond to the Request for Proposals.

EXECUTIVE DIRECTOR'S REPORT

Mr. Miller announced to the Board that there would be no August LRAA or LRZC Board meetings.

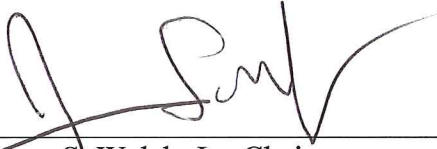
Mr. Miller reported on the TSA Pre✓ Temporary Enrollment event. There were 536 total enrollees, which exceeded TSA's expectations. TSA will hold another enrollment event at Louisville International this fall. U.S. Customs and Border Patrol also plans to host a possible Global Entry enrollment event in September or October.

001492
Mr. Miller announced the Authority and the Aviation Museum of Kentucky will host Aviation Camp at Bowman Field on Thursday, July 20 and Friday, July 21. Thirty-six campers will learn the history of aviation and aeronautics; learn about aircraft navigation, instruments and engines; co-pilot a plane with a FAA certificated pilot; and view presentations from the National Weather Service and a Public Safety K-9 team.

Mr. Miller advised the Board that HMS Host received two awards at the 19th International Food and Beverage Awards for Book and Bourbon Southern Kitchen in the "Americas" category. HMS Host was awarded "New Food and Beverage Concept of the Year" and "Airport Food and Beverage Offer Best Reflecting "Sense of Place"". Book and Bourbon Southern Kitchen competed against travel-related food outlets from North and South America. The international awards are organized by *The Moodie Davitt Report* which focuses on the global travel sector, including airport concessions.

Chairman Welch thanked Mr. Steve Trager and Ms. Cissy Musselman for their service to Board as July is their last meeting. Mr. Steve Trager is resigning from the Board. He has been on the Board for nine years, is a founding member of the audit committee and assisted with the bond refinance and the rental car concession selection. Ms. Musselman is retiring from the Board after twenty years of service. Ms. Musselman assisted with the Terminal Enhancement Project, bond team selection, purchasing policy review and numerous other initiatives.

There being no further business, the meeting adjourned at 4:55 p.m.


James S. Welch, Jr., Chairman


C. T. "Skip" Miller, Assistant Secretary

ATKINS

UNIT RATES FOR PLANNING, ENGINEERING, AND CONSTRUCTION SERVICES

AIP PROJECTS

LOUISVILLE REGIONAL AIRPORT AUTHORITY

LOUISVILLE INTERNATIONAL AIRPORT AND BOWMAN FIELD

	2017-2018	2018-2019	2019-2020
Classification	Billing Rate	Billing Rate	Billing Rate
Principal	\$272	\$283	\$295
Project Manager	\$250	\$260	\$270
Deputy Project Manager	\$239	\$249	\$260
Senior Aviation Planner	\$200	\$207	\$216
Aviation Planner II	\$160	\$166	\$173
Aviation Planner I	\$120	\$125	\$130
Senior Environmental Planner	\$185	\$192	\$199
Environmental Planner II	\$145	\$151	\$157
Environmental Planner I	\$110	\$114	\$119
Senior Engineer	\$205	\$213	\$221
Engineer IV	\$175	\$182	\$189
Engineer III	\$150	\$156	\$162
Engineer II	\$125	\$130	\$135
Engineer I	\$100	\$104	\$108
Engineering Technician	\$95	\$99	\$103
Senior CAD Technician	\$105	\$109	\$113
CAD Technician	\$75	\$78	\$81

Direct costs will be billed at actual cost, including travel expenses, printing, etc.

2017-2018 Billing Rates valid from NTP to June 30, 2018

2018-2019 Billing Rates valid July 1, 2018 to June 30, 2019

2019-2020 Billing Rates valid July 1, 2019 to June 30, 2020

ATKINS

UNIT RATES FOR PLANNING, ENGINEERING, AND CONSTRUCTION SERVICES

AIP PROJECTS

LOUISVILLE REGIONAL AIRPORT AUTHORITY

LOUISVILLE INTERNATIONAL AIRPORT AND BOWMAN FIELD

	2017-2018	2018-2019	2019-2020
Classification	Billing Rate	Billing Rate	Billing Rate
Senior Architect	\$220	\$229	\$238
Architect II	\$140	\$146	\$152
Architect I	\$120	\$125	\$130
Landscape Architect	\$137	\$143	\$149
GIS Manager	\$187	\$195	\$203
Senior GIS Analyst	\$126	\$131	\$136
GIS Analyst	\$85	\$88	\$91
Geologist	\$60	\$63	\$66
Senior Geologist	\$155	\$161	\$167
Registered Land Surveyor	\$156	\$162	\$168
Survey Technician	\$90	\$94	\$98
Resident Engineer	\$175	\$182	\$189
Senior Construction Inspector	\$131	\$137	\$143
Construction Inspector	\$97	\$101	\$105
Accountant	\$155	\$162	\$169
Project Administrator	\$85	\$89	\$93
Administrative Assistant	\$76	\$79	\$82

Direct costs will be billed at actual cost, including travel expenses, printing, etc.

2017-2018 Billing Rates valid from NTP to June 30, 2018

2018-2019 Billing Rates valid July 1, 2018 to June 30, 2019

2019-2020 Billing Rates valid July 1, 2019 to June 30, 2020

LOUISVILLE REGIONAL AIRPORT AUTHORITY
SUMMARY OF PROPOSED INSURANCE COVERAGE

FY 2018 RENEWALS:	Term	Limits of Coverage	Annual Premium (unless otherwise noted)
AIG - Aerospace	7/31/2017 - 7/31/2020		
General Airport Liability		\$ 250,000,000	\$ 66,210
Optional War Risks and other perils		150,000,000	5,013
Optional TRIA (terrorism), when purchased with War Risks		250,000,000	3,027
			(Year 1 of proposed 3-year term)
KEMI	7/31/2017 - 7/31/2018		99,203
Worker's compensation (mod rate decreased from 1.32 to 1.28)		Statutory	
Employer's liability		1,000,000	
Starr Indemnity and Liability Co.	7/31/2017 - 7/31/2018		79,789
Public officials' liability covering board members and all employees		10,000,000	
Employment Practices Liability		10,000,000	
AIG - New Hampshire Insurance Company	7/31/2017 - 7/31/2018	1,000,000	69,470
Business Auto (Fleet Policy)			
ACE American Insurance Company	7/31/2017 - 7/31/2018	1,000,000	11,137
Cyber - Privacy & Network Liability			
Axis Surplus Insurance Co.	7/31/2017 - 7/31/2018	1,000,000	2,877
Media professional liability			
Chubb Insurance Group/Federal Insurance Co.	7/31/2017 - 7/31/2020	125,000	5,400
Blanket travel accident			(3 year premium)
Fidelity and Deposit Co. of Maryland			
Commercial Crime	7/31/2017 - 7/31/2020		10,534
Employee Theft		1,000,000	(3 year premium)
Other		100,000	
U.S. Fire Insurance Company			
Accident on Volunteers (Excess Policy for Airport Ambassadors)	7/31/2017 - 7/31/2018	100,000	328

FOR INFORMATION ONLY - NOT EXPIRING:

AIG - American Home Assurance Company	7/31/2016 - 7/31/2018		254,410
All Risk Property		575,000,000	(Year 3
Unlicensed Equipment		10,617,981	of 3-year term)
Travelers Casualty & Surety Company of America			
Fiduciary Responsibility	8/1/2016 - 8/1/2018	1,000,000	3,556
			(2 year premium)

FISCAL 2018 COSTS:	Annual Premium	598,553
	Broker Fees (per existing contract terms)	62,102
	All-In Costs \$	660,655

Note: Other sub-limits may apply

**Louisville Renaissance Zone Corp
Proposed TIF Project No. 2 Application**

Component Project Descriptions:	Estimated Costs
Air Commerce Rehabilitation	\$ 3,200,000
Wetlands Phase III	1,246,000
Wetlands Phase IV	825,000
Outer Loop Turn Lane	1,250,000
Extend Utilities Lot 6	150,000
Final Storm Water Detention	1,250,000
Retail Lot Site Prep	500,000
Extend Aviation Way with Utilities	700,000
Renaissance Business Park Access Feasibility Study	275,000
Road Infrastructure to Support Additional Renaissance Business Park Access	12,500,000
Extend Universal Way with Utilities	875,000
Water Line Relocation	1,000,000
South Park Road Improvement	1,250,000
Sanitary Sewer Extension - South Park Rd	1,500,000
Minors Lane Partial Expansion to Three Lanes	800,000
Land Acquisition	1,500,000
Project Administration & Legal	1,500,000
Total	<u>\$ 30,321,000</u>