

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH MICHAEL BAKER, JR., INC., FOR PROJECT NUMBER FC-6739, AIRFIELD PAVEMENT EVALUATION 2013, IN AN AMOUNT NOT TO EXCEED \$1,000,000.00 TO PROVIDE PAVEMENT EVALUATION SERVICES FOR THE CITY OF ATLANTA, DEPARTMENT OF AVIATION. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111310 (OTHER DIRECT COSTS PROJECT) 200 (TASK) 550291249 (DOA R N E 9999) 5212001 (CONSULTING/PROFESSIONAL SERVICES) AND FDOA: 5502 (AIRPORT RENEWAL AND EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5212001 (CONSULTING/PROFESSIONAL SERVICES) 7563000 (AIRPORT) 111310 (OTHER DIRECT COSTS PROJECT) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

Review List:

Patricia E McIver	Completed	11/18/2013 12:59 PM
Kristen M. Rectenwald	Completed	11/18/2013 1:14 PM
Louis Miller	Completed	11/18/2013 1:30 PM
Procurement	Completed	11/18/2013 1:58 PM
Adam Smith	Completed	11/18/2013 3:54 PM
Mayor's Office	Completed	11/19/2013 10:53 AM
Office of Research and Policy Analysis	Completed	11/19/2013 12:30 PM
Transportation Committee	Pending	
Atlanta City Council	Pending	
Mayor's Office	Pending	

Certified by Presiding Officer	Certified by Clerk
Mayor's Action <i>See Authentication Page Attachment</i>	

LEGISLATION HISTORY – BLUE BACK

A RESOLUTION BY TRANSPORTATION COMMITTEE AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH MICHAEL BAKER, JR., INC., FOR PROJECT NUMBER FC-6739, AIRFIELD PAVEMENT EVALUATION 2013, IN AN AMOUNT NOT TO EXCEED \$1,000,000.00 TO PROVIDE PAVEMENT EVALUATION SERVICES FOR THE CITY OF ATLANTA, DEPARTMENT OF AVIATION. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111310 (OTHER DIRECT COSTS PROJECT) 200 (TASK) 550291249 (DOA R N E 9999) 5212001 (CONSULTING/PROFESSIONAL SERVICES) AND FDOA: 5502 (AIRPORT RENEWAL AND EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5212001 (CONSULTING/PROFESSIONAL SERVICES) 7563000 (AIRPORT) 111310 (OTHER DIRECT COSTS PROJECT) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta (“City”), as owner and operator of Hartsfield-Jackson Atlanta International Airport (“H-JAIA”), solicited Request for Proposals from qualified proponents for FC-6739, Airfield Pavement Evaluation 2013, seeking assistance, as required, to perform pavement evaluation in conjunction with and as requested by the Department of Aviation (“Project”); and

WHEREAS, after review and evaluation of the Proponents’ qualifications and analysis of the technical proposals, the Department of Aviation Evaluation Committee, supported by the Department of Procurement and the Aviation Procurement Unit, has completed their evaluation of the proposals; and

WHEREAS, the Aviation General Manager and the Chief Procurement Officer have recommended that the Agreement for FC-6739, Airfield Pavement Evaluation 2013 be awarded to Michael Baker, Jr., Inc.; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor is authorized to execute on behalf of the City of Atlanta Agreement FC-6739, Airfield Pavement Evaluation 2013 with Michael Baker, Jr., Inc., in an amount not to exceed \$1,000,000.00 to assist the Department of Aviation with airfield pavement evaluation based on the cost proposal agreed to per the Agreement.

BE IT FURTHER RESOLVED, that the term of the Agreement shall be for 365 calendar days from the date of the Notice to Proceed.

BE IT FURTHER RESOLVED, that all contracted work will be charged to and paid from PTAEO: 18111310 (Other Direct Costs Project) 200 (Task) 550291249 (DOA R N E 9999) 5212001 (Consulting/Professional Services) and FDOA: 5502 (Airport Renewal and Extension Fund) 180201 (DOA Aviation Capital Planning & Development) 5212001 (Consulting/Professional Services) 7563000 (Airport) 111310 (Other Direct Costs Project) 91249 (DOA R N E 9999).

BE IT FURTHER RESOLVED, that the City Attorney is directed to prepare an Agreement for execution by the Mayor.

AND FINALLY BE IT RESOLVED, that the Agreement shall not become binding upon the City and the City will incur no obligation or liability under it until it has been executed by the Mayor, attested to by the Municipal Clerk, approved by the City Attorney as to form and delivered to Michael Baker, Jr., Inc.

Part II: Legislative White Paper: (This portion of the Legislative Request Form will be shared with City Council members and staff)

A. To be completed by Legislative Counsel:

Committee of Purview:

Caption:

Council Meeting Date:

Requesting Dept.:

FAC Confirmed by:

B. To be completed by the department:

1. Please provide a summary of the purpose of this legislation (Justification Statement).

Approval for the Mayor to execute an Agreement with Michael Baker, Jr., Inc., for FC-6739; Airfield Pavement Evaluation 2013 to conduct on-site pavement condition surveys for the Department of Aviation in an amount not to exceed \$1,000,000.00.

The project involves conducting on-site pavement condition surveys to determine the structural integrity and surface conditions. Testing shall include at a minimum collecting non-destructive testing (NDT) data, destructive testing data, service performance test data, and visual inspections. The test data will be evaluated and analyzed to make recommendations for rehabilitation and reconstruction of airfield pavement.

2. Please provide background information regarding this legislation.

The airfield consists of over 40 million square feet of structural pavement that serves air carrier operations. The Airfield Pavement Evaluation assists in evaluating and analyzing test data to make planning recommendations for rehabilitation and reconstruction of airfield pavement. Airfield surface pavement deteriorates over time, and requires regular maintenance as well as replacement to provide for safe movement of aircraft and vehicles, and to remain in compliance with Part 139 Certification.

3. If Applicable/Known:

(a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** Professional Services

- (b) **Source Selection:** RFP
- (c) **Bids/Proposals Due:** 07/22/2013
- (d) **Invitations Issued:**
- (e) **Number of Bids:**
- (f) **Proposals Received:** 2
- (g) **Bidders/Proponents:** The following two (2) proposals were issued to DOA for evaluation: Michael Baker, Jr., Inc. and Applied Pavement Technology, Inc.
- (h) **Term of Contract:** 365 Calendar days from Notice to Proceed.

4. Fund Account Center (Ex. Name and number): PTAE0: 18111310 (Other Direct Costs Project) 200 (Task) 550291249 (DOA R N E 9999) 5212001 (Consulting / Professional Services) and FDOA: 5502 (Airport Renewal and Extension Fund) 180201 (DOA Aviation Capital Planning & Development) 5212001 (Consulting / Professional Services) 7563000 (Airport) 111310 (Other Direct Costs Project) 91249 (DOA R N E 9999).

5. Source of Funds: Example: Local Assistance Grant Airport Renewal and Extension Fund

6. Fiscal Impact: \$1,000,000.00

Example: This legislation will result in a reduction in the amount of _____ to Fund Account Center Number _____.

7. Method of Cost Recovery:

Examples:

- a. Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.
- b. Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.

This Legislative Request Form Was Prepared By: Marsha Love-Brown

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDACE L. BYRD

Dept.'s Legislative Liaison: Anita Williams

Contact Number: 404-530-6600

Originating Department: Aviation

Committee(s) of Purview: Transportation

Chief of Staff Deadline: 11/08/13

Anticipated Committee Meeting Date(s): 11/27/13

Anticipated Full Council Date: 12/02/13

Legislative Counsel's Signature: Kristen Rectenwald

Commissioner's Signature: [Signature]

Chief Financial Officer: N/A

Chief Information Officer Signature (for IT Procurements) N/A

Chief Procurement Officer Signature: [Signature]

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH MICHAEL BAKER, JR., INC., FOR PROJECT NUMBER FC-6739, AIRFIELD PAVEMENT EVALUATION 2013, IN AN AMOUNT NOT TO EXCEED \$1,000,000.00 TO PROVIDE PAVEMENT EVALUATION SERVICES FOR THE CITY OF ATLANTA, DEPARTMENT OF AVIATION. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111310 (OTHER DIRECT COSTS PROJECT) 200 (TASK) 550291249 (DOA R N E 9999) 5212001 (CONSULTING/PROFESSIONAL SERVICES) AND FDOA: 5502 (AIRPORT RENEWAL AND EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5212001 (CONSULTING/PROFESSIONAL SERVICES) 7563000 (AIRPORT) 111310 (OTHER DIRECT COSTS PROJECT) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) \$1,000,000.00

Mayor's Staff Only

Received by CPO: 10/29/13
(date)

Received by LC from CPO: _____
(date)

Received by Mayor's Office: [Signature] 10/31/13
(date)

Reviewed by: [Signature]
(date)

Submitted to Council: _____
(date)

Attachment: Airfield Pavement Evaluation Transmittal (13-R-3861 : Airfield Pavement Evaluation Services)

Legislative White Paper

Committee of Purview: Transportation

Caption:

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH MICHAEL BAKER, JR., INC., FOR PROJECT NUMBER FC-6739, AIRFIELD PAVEMENT EVALUATION 2013, IN AN AMOUNT NOT TO EXCEED \$1,000,000.00 TO PROVIDE PAVEMENT EVALUATION SERVICES FOR THE CITY OF ATLANTA, DEPARTMENT OF AVIATION. ALL SERVICES WILL BE CHARGED TO AND PAID FROM PTAE0: 18111310 (OTHER DIRECT COSTS PROJECT) 200 (TASK) 550291249 (DOA R N E 9999) 5212001 (CONSULTING/PROFESSIONAL SERVICES) AND FDOA: 5502 (AIRPORT RENEWAL AND EXTENSION FUND) 180201 (DOA AVIATION CAPITAL PLANNING & DEVELOPMENT) 5212001 (CONSULTING/PROFESSIONAL SERVICES) 7563000 (AIRPORT) 111310 (OTHER DIRECT COSTS PROJECT) 91249 (DOA R N E 9999); AND FOR OTHER PURPOSES.

Council Meeting Date: 12/02/13

Legislation Title: Airfield Pavement Evaluation Services

Requesting Dept.: Aviation

Contract Type: Professional Services

Source Selection: Request for Proposal (RFP)

Bids/Proposals Due: 7/22/13

Invitations Issued: N/A

**Number of Bids/
Proposals Received:** Two

Bidders/Proponents: The following two (2) proposals were issued to DOA for evaluation: Michael Baker, Jr., Inc. and Applied Pavement Technology, Inc.

Background:

Approval for the Mayor to execute an Agreement with Michael Baker, Jr., Inc., for FC-6739; Airfield Pavement Evaluation 2013 to conduct on-site pavement condition surveys for the Department of Aviation in an amount not to exceed \$1,000,000.00.

The project involves conducting on-site pavement condition surveys to determine the structural integrity and surface conditions. Testing shall include at a minimum collecting non-destructive testing (NDT) data, destructive testing data, service performance test data,

and visual inspections. The test data will be evaluated and analyzed to make recommendations for rehabilitation and reconstruction of airfield pavement.

The airfield consists of over 40 million square feet of structural pavement that serves air carrier operations. The Airfield Pavement Evaluation assists in evaluating and analyzing test data to make planning recommendations for rehabilitation and reconstruction of airfield pavement. Airfield surface pavement deteriorates over time, and requires regular maintenance as well as replacement to provide for safe movement of aircraft and vehicles, and to remain in compliance with Part 139 Certification.

Source of Funds: Airport Renewal and Extension Fund

Fiscal Impact: \$1,000,000.00

Term of Contract: 365 Calendar days from Notice to Proceed

Method of Cost Recovery: N/A

Approvals:

DOF: yes

DOL: yes

Prepared By: Anita Williams

Contact Number: 404-382-2313



KASIM REED
Mayor

LOUIS E. MILLER
Aviation General Manager

TO: Adam L. Smith, Esq., CPPO, CPPB, CPPM, CPP
Chief Procurement Officer
Department of Procurement

FROM: Louis E. Miller
Aviation General Manager
Department of Aviation

Date: October 17, 2013

Subject: Contract FC-6739, Airfield Pavement Evaluation 2013
Recommendation for Award

As you are aware, on July 22, 2013, the City of Atlanta solicited Proposals for the Airfield Pavement Evaluation 2013 Project. Two (2) Proponents provided proposals to the RFP including Michael Baker, Jr., Inc. and Applied Pavement Technology, Inc.

On October 9, 2013 the Department of Aviation Evaluation Committee, supported by the Department of Procurement (DOP) and the Aviation Procurement Unit, completed the scoring of the proposals. The Department of Aviation recommends award of the Contract for FC-6739 to Micheal Baker Jr., Inc.

Attached hereto is the Evaluation Committee's Final Evaluation Sheet.

We will present Legislation for consideration at the December 02, 2013 City Council session.

If you additional information is required, please contact, Yanique Swan at (404) 382-2231.

YS/
Attachment

cc:	Balram Bheodari	Ted Allen	Kristen Rectenwald	Erin Jenkins
	Jim Drinkard	Anita Williams	Jaamal Jennings	Girard Geeter
	Marsha Love-Brown	Yanique Swan	Norma Click	Document Control



City of Atlanta • Department of Aviation
P.O. Box 20509 • Atlanta, GA USA 30320-2509 • Tel: (404) 530-6600
www.atlanta-airport.com

Attachment: Airfield Pavement Evaluation Transmittal (13-R-3861 : Airfield Pavement Evaluation Services)



EXECUTIVE SUMMARY

OVERVIEW

The Baker team is comprised of Michael Baker Jr., Inc. (Baker), AMEC, Boudreau Engineering, Inc. (BEI), Dynatest, Materials Managers & Engineers (2M), APR Consultants (APR), and the University of North Carolina Charlotte (UNCC). This team has the specialized pavement evaluation services to complete the Airport Pavement Management System at the Hartsfield-Jackson Atlanta International Airport (H-JAIA), the world's busiest airport. The Baker team members have completed this scope of work at H-JAIA for the last three APMS evaluations (2004, 2007, and 2010). The team will meet (and exceed) the City's Small Business Enterprise goals. Each firm complements one another and provides the capabilities required to meet the project scope, schedule, and Airport operations safety standards.

- The team with **Extensive Pavement Evaluation Experience**. The team has provided inspection, testing and evaluation support services at over **100 different commercial airports nationwide** (Dynatest, Baker, AMEC). Our work at many of these airports required coordination with the stakeholders in order to evaluate the pavement and determine the Capital Improvement Program.
- We have established an **exclusive agreement** with Saab-Sensis Corporation, developers of **Aerobah aircraft surveillance system** currently in use by H-JAIA Operations, to use tools for retrieval of archived traffic data to be used in **structural deterioration models and PCN computations**.
- The team members have **successfully worked together at H-JAIA over the last 10 years** and one team member (AMEC) since the inception of the Pavement Management Program at H-JAIA in 1984.
- The team with its aviation talent in Atlanta. Baker, AMEC, Boudreau, and 2M have **over 30+ pavement engineering professionals in Atlanta**. Our specialized services (Dynatest, APR, and UNCC) are experts in their fields. The **Baker Team Project Manager is from and lives in the Atlanta area**.
- **The pavement inspection personnel are based in Atlanta** so they are able to evaluate the pavement on the Airport's schedule. We know the aircraft operations come first and are able to modify our schedules without a change to the project.
- **The team has vehicles and personnel badged and available to assist in the runway closures** in order to complete the inspections in a few hours.
- **The entire team is familiar with H-JAIA operations and security procedures** for access to AOA and AMA. There will not be a learning curve.
- **The team will meet (and exceed) your SBE goals**. This team includes SBE (FBE and MBE) certified firms.
- **The team that will Partner with you**. We view ourselves as an extension of your staff and know how to work with your consultants, Resident Escorts, FAA, the airlines, and **YOU**. We believe our references at H-JAIA will confirm this.



THE PROPONENT

The Baker Team
 3595 Engineering Drive
 Norcross, GA 30092

The team consists of the following firms:

Michael Baker Jr., Inc.

Domicile: 100 Airside Drive, Moon Township, PA 15108
Office Performing Work: Atlanta – 3595 Engineering Drive, Norcross, GA 30092
Contact: Quintin Watkins, P.E.
Phone: 770-263-9118
Fax: 770-263-9145

AMEC

Domicile: 1105 Lakewood Parkway, Suite 300, Atlanta, GA 30009
Office Performing Work: (same as above)
Contact: Charlie Greer, P.E.
Phone: 770-360-0600
Fax: 770-688-2501

Boudreau Engineering, Inc. (BEI)

Domicile: 5392 Blue Iris Court, Norcross, GA 30092
Office Performing Work: (same as above)
Contact: Anne Boudreau
Phone: 404-388-1137

Dynatest Consulting, Inc.

Domicile: 13953 US Highway 301 South, Starke, FL 32091
Office Performing Work: (same as above)
Contact: Robert Briggs, P.E.
Phone: 904-964-3777
Fax: 904-964-3749

Materials Managers & Engineers Inc. (2M)

Domicile: 400 West Peachtree Street, Suite 2701, Atlanta, GA 30308
Office Performing Work: (same as above)
Contact: Subash Reddy Kuchikulla
Phone: 404-702-2510
Fax: 678-436-8842



SPECIFIC CAPABILITIES AND EXPERIENCE OF THE PROPONENT'S TEAM



Michael Baker Jr., Inc. (Baker), is a **3,000+ person national engineering firm with 50+ professionals in Atlanta.**

Founded in 1940 by Michael Baker Jr., Baker operates in over 90 U.S. and international offices. Baker is publicly-traded on the NYSE Amex exchange under the symbol, BKR. *Engineering News-Record (ENR)* magazine currently ranks Baker as the **30th largest U.S. engineering design firm and 16th in Aviation**; and has worked at **100+ commercial airports (nationwide and internationally)**. Baker has a national reputation in airside and landside programs, with a particular emphasis in development of runways, taxiways, aprons, lighting, utilities terminal access, and parking. Recent major landside/airside expansion programs include *Atlanta, Greensboro, Huntsville, Baltimore, Dallas, Chicago, Cleveland, Pittsburgh, Philadelphia, and Phoenix.*

Current ENR Top 500 Design Firm Rankings	
30	Top 500 Design Firms
12	Transportation
7	Bridges
22	Highways
16	Airports
14	Water Supply
21	CEI



AMEC is one of the world's leading engineering, project management, and consultancy companies. Their goal is to deliver profitable, safe, and sustainable projects and services for their customers in the oil and gas, mining, clean energy, environment, and

infrastructure markets, including sectors that play a vital role in the global and national economies and in people's everyday lives. They design, deliver, and maintain strategic assets for customers, offering services which extend from environmental and front end engineering design before the start of a project to decommissioning at the end of an asset's life. Their customers, in both the private and public sector, are among the world's biggest and best in their fields - BP, Shell, EDF, National Grid, and U.S. Navy, to name just a few. They are truly international, with major operations centres based in the UK and Americas and office and projects in around 40 countries worldwide. They employ over 29,000 people – ranging from scientist and environmental consultants to engineers and project managers, dedicated professionals who take pride in their work.



Boudreau Engineering, Inc. (BEI) is a small business and woman-owned engineering and consulting firm located in Norcross, Georgia. Established in 1999 as a Georgia Subchapter S Corporation, BEI is nationally and internationally recognized as a leader in pavement design, evaluation, and material characterization services. Focused

specifically in the specialized civil engineering application of pavement technology, BEI has participated in numerous commercial civil and military pavement studies, public pavement management efforts, as well as commercial design services for logistic companies and developers. Additionally, BEI has and continues to participate in national research projects for FAA, IPRF, FHWA, and NCHRP.

Attachment: Airfield Pavement Evaluation Transmittal (13-R-3861 : Airfield Pavement Evaluation Services)



Dynatest was founded in 1976 in Denmark by a group of engineers and technicians who combined science, technology, and business into the development and manufacturing of highly specialized equipment and methodology for pavement engineering.

The first product, the Falling Weight Deflectometer (FWD), was introduced the same year and has since become a product acknowledged as the leader in quality and reliability.

From modest beginnings, Dynatest has developed into a small yet multinational group with a parent company Dynatest International A/S. This parent company has wholly-owned subsidiaries in Denmark, USA, and the United Kingdom, with a subsidiary daughter company as well as joint-venture companies and a significant network of agents and distributors in practically all parts of the world.



Materials Managers & Engineers, Inc.

Materials Managers & Engineers, Inc. (2M), is a minority-owned professional engineering consulting firm based in Atlanta, Georgia. 2M's primary focus is to provide high quality, responsive Professional Engineering and Data Collection Services in the following disciplines: Civil, Geotechnical, MEP, Facilities Asset Management, Pavement Management Systems, and Construction Materials Inspection and Testing. 2M is currently certified as a City of Atlanta MBE firm, Fulton County MBE, DeKalb County LSBE, and as DBE with the State of Georgia.

2M is organized to involve principals in active participation in projects and direct involvement with each client. 2M provides its clients with highly skilled staff at every phase of a project to ensure the highest possible quality work product and timely deliverables. The principals and staff of 2M have been part of the Atlanta Airport planning, design, facilities, and construction program for well over 25 years.

SPECIALTY SUBCONSULTANTS

Specialty Subconsultants with experience at international air carrier airports have been added to offer a comprehensive team with the capabilities and resources to respond.

Specialized Consultants and Definition of Work

APR Consultants, Inc. (APR)

Domicile: 27 Oaklawn Avenue, Medway, OH 45341
Office Performing Work: (same as above)
Contact: Michael Gerardi
Phone: 937-849-6795



Founded in 1993, **APR Consultants, Inc. (APR)** is a global leader in assessing airfield pavements for ride quality. APR's expertise encompasses smoothness acceptance services, roughness investigation, and pavement management updates for many of the world's busiest and largest airports. Using true profile measurement and aircraft simulation, APR

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can predict aircraft response accurately identifying poor responses and their precise location. Smoothness Acceptance Testing Per P-501, P-401, UFGS 32 12 15 and ICAO. Services include:

- Roughness Investigation
- Repair Optimization
- Pavement Management
- Differential Settlement Detection / Tracking
- Pavement Design Optimization
- Continuous "Rod and Level" Quality Linear Profile Measurement

University of North Carolina at Charlotte (UNCC)

Domicile: 9201 University City Blvd, Charlotte, NC 28223
Office Performing Work: (same as above)
Contact: Tara L. Cavalline, Ph.D., P.E.
Phone: 704-687-5035
Fax: 704-687-6653



UNC CHARLOTTE

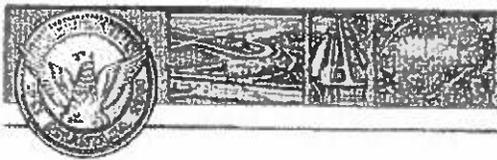
UNC Charlotte (UNCC) is North Carolina's urban research institution. Their campus is located in the piedmont of North Carolina, just two hours from the mountains and three hours from the Atlantic Ocean. A large public university with a small college fee more than 26,000 students consider UNCC's 1,000-acre campus their home away from home.

UNCC leverages its location in the state's largest city to offer internationally competitive programs of research and creative activity, exemplary undergraduate, graduate, and professional programs, and a focused set of community engagement initiatives. UNCC maintains a particular commitment to addressing the cultural, economic, educational, environmental, health, and social needs of the greater Charlotte region.

HISTORY OF THE TEAM WORKING TOGETHER

The entire team has successfully worked together on the last three H-JAIA Pavement Management Program updates (2004, 2007, and 2010).

- The key personnel at APR, Dynatest and UNCC have worked at H-JAIA since 2004.
- The key personnel at Baker, 2M, BEI, and AMEC have worked together at H-JAIA since 1997.
- AMEC, BEI, and 2M personnel have inspected the pavement at H-JAIA since 1991.
- AMEC personnel have worked on the H-JAIA Pavement Management Program since 1984.



HOW THE TEAM WAS FORMED

The team is a continuation of our previous pavement evaluation program teams at H-JAIA. Baker provides the leadership, technical discipline, and contract administration. AMEC provides the third party quality review to insure that the technical analysis meets the standards and is accurate and complete. BEI and 2M provide the consistency required during the pavement inspection, evaluation, and HWD data analysis. Dynatest is familiar with the airport testing pattern for the HWD. APR will continue the profiling of the runways since they are familiar with the deviations. UNCC will continue to evaluate the concrete for ASR and determining the effectiveness of lithium nitrate to mitigate the detrimental expansion cracking. This team was organized with the following goals in mind:

- To have the right combination of talent to complete the project.
 - To have a team where each member has a strong working relationship (all personnel have worked together for close to 10 years) with each other as well as with H-JAIA staff.
- All of the team members are experts in the pavement engineering industry. They are members of all the technical committees dealing with the pavement industry.
- To have a team where the Leadership is located in Atlanta to enhance coordination and communication

HOW THE TEAM WILL FUNCTION

The team will continue to function with the goal to operate and execute the project as a seamless organization. Each firm has both primary and joint responsibilities (see the Management / Organizational Plan section):

- Baker will serve as the Project Manager, technical oversight, GIS, pavement inspection, and contract administration to meet both team and SBE commitments.
- AMEC will provide QC support and independent third party review.
- BEI will provide the consistency of the pavement inspection to meet the FAA criteria, the data analysis of the HWD, PCN calculations, MicroPAVER, Resilient Modulus Testing, and formulation of pavement requiring rehabilitation over the five-year period.
- Dynatest will provide MicroPAVER support, pavement inspection, and HWD deflection data.
- 2M will primarily provide geotechnical engineering, pavement inspection, and HWD collection support and analysis.
- APR will provide the profilograph data along with the evaluation to meet the FAA criteria.
- UNCC will provide the petrographic analysis of the existing Portland cement concrete along with testing to determine if the lithium nitrate has been effective in the mitigation of alkali-silica reactivity

During the project the team will meet in person with the DOA team every two weeks to discuss the schedule of runway and taxiway closures, the progress of data collection, deadlines, and important technical issues. As the project progresses, we look for ways to execute the work more efficiently.

Attachment: Airfield Pavement Evaluation Transmittal (13-R-3861 : Airfield Pavement Evaluation Services)



PROPONENT'S PLAN FOR COMPLYING WITH THE CITY'S SBE GOALS

The team is structured to exceed the City's EBO goals. The roles and allocations of each firm are presented below.

FIRM	ROLES	ALLOCATIONS
Baker	Project Manager, Contract Administration, Pavement Condition Data Collection, GIS, Technical Analysis	35%
AMEC	QC Review	5%
Boudreau Engineering	Pavement Condition Data Collection, MicroPAVER, PCN Evaluation, HWD Analysis, Resilient Modulus Testing	18%
Dynatest	HWD Deflection Data Collection, MicroPAVER, Pavement Condition Data Collection	12%
Materials Managers & Engineers	Materials Collection and Testing, Pavement Condition Data Collection, HWD Data Collection Support and Analysis	18%
APR	Smoothness Testing	6%
UNCC	Petrographic Analysis	6%

SBE Goals

Boudreau Engineering – FBE – 18%

Materials Managers & Engineers – MBE – 18%

DECLARATIVE STATEMENT

No member of our proponent team has an open dispute with the City or is involved with litigation associated with projects in the public or private sector in the last five years.

Attachment: Airfield Pavement Evaluation Transmittal (13-R-3861 : Airfield Pavement Evaluation Services)