

A RESOLUTION BY

13-R-0300

TRANSPORTATION COMMITTEE

**A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER, OR HIS DESIGNEE, TO ISSUE TASK ORDERS UNDER CONTRACT NO. FC-4556-B, STRUCTURAL TESTS AND SPECIAL INSPECTIONS WITH TERRACON CONSULTANTS, INC., IN A COLLECTIVE AMOUNT NOT TO EXCEED \$650,000.00 TO PROVIDE STRUCTURAL TESTS AND SPECIAL INSPECTION SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT. 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 (“Airport”) has undertaken a major expansion at the Airport to facilitate passenger and facility improvements; and

**WHEREAS**, the City entered into Contract FC-4556-B (“Contract”) with Terracon Associates, Inc., (“Terracon”) pursuant to Resolution 08-R-2067 to provide Structural Tests and Special Inspections Services at the Airport; and

**WHEREAS**, Structural Tests and Special Inspection Services, and other Quality Assurance services are required for the FC-5672, Airport Inbound Roadway Improvements project (“Project”) at the Airport and the Aviation General Manager has determined that it is desirable and in the City’s best interest to assign this project to Terracon under the Contract.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA**, that the Aviation General Manager, or his designee, are authorized to issue Task Order(s) to Terracon under the Contract in a collective amount not to exceed \$650,000.00, for the Project, pursuant to Code Section 2-1111.

**BE IT FURTHER RESOLVED**, Terracon is expected to complete the Structural Tests and Special Inspections within 730 calendar days from the date services begin and, to the extent the services issued by said Task Order(s) may extend beyond the Contract term, said Contract is extended for such Task Order(s) only.

**BE IT FURTHER RESOLVED**, that all contracted 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 FINALLY BE IT RESOLVED**, that no Task Order will become binding on the City and the City will incur no obligation or liability under it until it has been executed by the Aviation General Manager, or his designee, and delivered to Terracon.

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

<p><b>A. To be completed by Legislative Counsel:</b></p> <p><b>Committee of Purview:</b></p> <p><b>Caption:</b></p> <p><b>Council Meeting Date:</b></p> <p><b>Requesting Dept.:</b></p> <p><b>FAC Confirmed by:</b></p>
---

**B. To be completed by the department:**

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

This task order will provide structural tests, special inspections and other Quality Assurance (QA) services for the construction phase of the Airport Inbound Roadway Improvements project.

**2. Please provide background information regarding this legislation.**

Terracon has provided Structural Tests and Special Inspection services for the Department of Aviation on a Task Order Basis, at Hartsfield-Jackson Atlanta International Airport, in support of the City's Construction Management oversight of capital improvement projects. The Airport Inbound Roadway Improvements project has entered the construction phase and requires QA support for materials testing and inspections.

**3. If Applicable/Known:**

- (a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** Task Order
- (b) **Source Selection:** N/A
- (c) **Bids/Proposals Due:** N/A
- (d) **Invitations Issued:** N/A
- (e) **Number of Bids:** N/A

- (f) **Proposals Received:** N/A
- (g) **Bidders/Proponents:** N/A
- (h) **Term of Contract:** 730 days

**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 Serv) and FDOA: 5502 (Airport Renewal and Extension Fund) 180201 (DOA Aviation Capital Planning & Development) 5212001 (Consulting / Professional Serv) 7563000 (Airport) 111310 (Other Direct Costs Project) 91249 (DOA R N E 9999).

**5. Source of Funds:** PFC's

**6. Fiscal Impact:** \$650,000

**This Legislative Request Form Was Prepared By:** Tommy Thomas, Jr., P&D Contracts

## **FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS, TERRACON CONSULTANTS, INC.**

---

The Georgia State Amendment to the International Building Code (2006 Edition), Section 1704.1 – Special Inspections, require construction projects in the State of Georgia to comply with specific special inspection standards. Due to this requirement, it is necessary to establish a contract with one or more qualified firms to provide the structural testing and special inspections of the materials used for in construction. In addition to structural testing, material testing for Quality Assurance oversight may be required on an as needed basis.

### **FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS (TERRACON CONSULTANTS, INC)**

Authorizing Resolution: 08-R-2067

Adopted: November 3, 2008

Approved: November 6, 2008

Contract Term: 3-years with one - one year renewal option

Renewal Authorizing Resolution: 11-R-1699

Adopted: December 5, 2011

Approved: December 14, 2011

Renewal Contract Term: An additional one-year term commencing effective January 26, 2012 and expiring January 25, 2013.

*\*\*\* Ninety day extension for FC-4556-B was approved on November 27, 2012 with an effective date of January 26, 2013 and continues through April 25, 2013.*

### **TEAM INFORMATION FOR TERRACON CONSULTANTS, INC:**

Subconsultants comprised of:

1. Metals & Materials Engineers (AABE)
2. Universal Engineering Sciences, Inc., (ABE)
3. U.S. Technology and Engineering, LLC., (ABE)
4. Gallet & Associates, Inc., (FBE)

# FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS, TERRACON CONSULTANTS, INC.

---

## 1. Metals & Materials Engineers, LLC (AABE)

Metals & Materials Engineers, LLC , a minority-owned and SBA 8(a) certified firm, established in 2001. MME was originally the Materials Engineering Division of a larger multi-disciplinary engineering firm in the metro-Atlanta area.

MME provides expertise in three main areas represented by three divisions. The Engineering Sciences Division investigates, analyzes and develops design, processes and preventive solutions to resolve even the most technical of problems. The Civil Engineering Division possesses the technical and management capabilities to provide innovative and design solutions to the most challenging projects. The Utility Services Division staffs, manages and implements practical approaches to bring cost-effective solutions for the Nation's infrastructure.

### **Domicile:**

Metals & Materials Engineers, LLC  
1039 Industrial Court  
Suwanee, GA 30024

### **Contact:**

Mr. Barry Bennett, P.E.  
1039 Industrial Court  
Suwanee, GA 30024  
Phone: 678.730.2000  
Toll Free: 866.865.6856  
Fax: 678.482.9677

### **Legal Structure:**

Limited Liability Company

### **Major Offices:**

Atlanta, Georgia  
Suwanee, Georgia  
Birmingham, Alabama  
U.S. Virgin Islands

# FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS, TERRACON CONSULTANTS, INC.

---

## 2. Universal Engineering Sciences, Inc (ABE)

Universal Engineering Sciences is a large (over 675 employees) heavily experienced consulting firm specializing in Environmental Sciences, Geotechnical Engineering & Consulting, Geophysical Services, Construction Materials Testing, Threshold Inspection Services, Private Provider Inspection, Building Inspections and Plan Review. Because of its size and diverse staffing capabilities, Universal Engineering Sciences provides all of these services (including drilling) in-house.

Although Universal Engineering Sciences operates almost exclusively in the Southeastern United States, it has listed consecutively each year since 1985 as an *Engineering News-Record* National Top 500 Design Firm.

### **Domicile:**

Universal Engineering Sciences, Inc.  
3532 Maggie Blvd  
Orlando, Florida 32811

### **Contact:**

Mark Israel, P.E.  
3532 Maggie Blvd  
Orlando, Florida 32811  
Phone: 407.423.0504

### **Legal Structure:**

Incorporated

### **Major Offices:**

Atlanta, Georgia  
Daytona Beach, Florida  
Fort Myers, Florida  
Fort Pierce, Florida  
Gainesville, Florida  
Jacksonville, Florida  
Kissimmee, Florida  
Leesburg, Florida  
Miami, Florida  
Ocala, Florida  
Orlando, Florida

# FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS, TERRACON CONSULTANTS, INC.

---

## 3. U.S. Technology and Engineering, LLC (ABE)

U.S. Technology and Engineering is a minority owned multi-disciplined technology and engineering consulting firm that began in 2007. The firm develops engineering related technologies and provides engineering consulting services in civil, structural, geotechnical, environmental, groundwater engineering, construction material testing and construction management services.

**Domicile:**

U. S. Technology and Engineering, LLC  
3783 Presidential Parkway, Suite 142F  
Atlanta, Georgia 30340

**Contact:**

Mr. David Yeh  
3783 Presidential Parkway  
Suite 142F  
Atlanta, Georgia 30340  
Phone: 770.936.5199  
Fax: 770.936.5198

**Legal Structure:**

Limited Liability Company

**Major Offices:**

Atlanta, Georgia

# FC-4556-B; STRUCTURAL TESTS AND SPECIAL INSPECTIONS, TERRACON CONSULTANTS, INC.

---

## 4. Gallet & Associates, Inc (FBE)

Gallet & Associates was founded in May 1989 by Alain and Sandra Gallet, to provide professional geotechnical engineering and construction quality control services to commercial clients.

The entire GAI group of companies provides Geotechnical Engineering, Environmental Sciences, Construction Materials Testing (including non-destructive testing) and Construction Financial services in 26 states. The Oxford office conducts Construction Materials Testing (including non-destructive testing) and operates a School of Technical Training. In addition, Gallet & Associates of Georgia, Inc. and Gallet & Associates Gulf Coast, Inc's laboratories have joined Gallet & Associates, Inc's laboratory in becoming AASHTO certified.

### **Domicile:**

Gallet & Associates, Inc.  
320 Beacon Parkway West  
Birmingham, Alabama 35209

### **Contact:**

Alain Gallet  
320 Beacon Parkway West  
Birmingham, Alabama 35209

### **Legal Structure:**

Incorporated

### **Major Offices:**

13 offices in five States --  
Alabama  
Tennessee  
Mississippi  
Florida  
Georgia

**H-JAIA Structural Tests and Special Inspections  
FC-4556**

Resolution	PO No.	WBS #	Project	Task Order Executed
08-R-2067	51007078	H.07.30.190	Airport Safety Command & Control Center (C4)	\$22,902.50
		H.02.01.060	Runway 10/28 Grading and Drainage Improvements	\$15,915.43
		H.02.20.037	Airfield Pavement Repair & Maintenance - 2009	\$33,161.69
		D.07.50.007	North & South Cargo Maintenance	\$3,818.84
			North & South Cargo Maintenance - Addendum #1	\$2,114.57
		H.03.60.020	Concourse D Mid Point Expansion	\$11,948.56
		D.06.01.008	Resurfacing of Park Ride Lots A & B	\$7,605.86
		H.02.20.038	Airfield Pavement Repairs & Maintenance 2010	\$20,396.04
		H.02.01.050	College Park Sanitary Sewer Lift Station Improvements	\$17,923.94
		H.04.80.090	Rehabilitation, Re-calibration & Re-certification of the City's Quality Assurance Testing Facility - Add #1	\$9,995.92
		D.02.20.039	Airfield Pavement Repair & Maintenance - 2011	\$16,860.35
10-R-0286	51011457	H.04.08.90	Airfield Pavement Replacement - 2009	\$159,919.95
08-R-2067	51017447	H.04.80.090	Rehabilitation, Re-calibration & Re-certification of the City's Quality Assurance Testing Facility	\$77,774.00
10-R-1278		H.02.01.050	College Park Sanitary Sewer	\$39,938.04
			Airfield Pavement Replacement - 2009	\$64,790.07
	51024791		Airfield Pavement Repair and Maintenance and Repair - 2010	\$43,104.60
10-R-1996 (\$558,050)	51100483	H.02.10.070	Runway 27R Extension: Site Prep, Realigned Box Culvert & NLVR Reconstruction	\$179,771.31
			Runway 27R Extension: Site Prep, Realigned Box Culvert & NLVR Reconstruction	\$118,021.37
			Runway 27R Extension: Site Prep, Realigned Box Culvert & NLVR Reconstruction	\$23,957.32
		H.02.10.101	Center Airfield Taxiway Connectors	\$44,078.00
		H.02.10.070	Runway 27R Extension: Paving & Lighting	\$68,000.00
		H.02.10.024	Airfield Pavement Replacement - 2009	\$104,221.06
			Airfield Pavement Replacement - 2009 (Add. #3)	\$19,985.02
	51121565	H.03.50.011	Concourse C Vertical Transportation	\$39,522.00
		H.03.60.020	Midpoint Expansion Concourse D	\$370,000.00

**H-JAIA Structural Tests and Special Inspections  
FC-4556**

Resolution	PO No.	WBS #	Project	Task Order Executed
11-R-1024 (\$760,000)	51121565	H.02.20.038	Airfield Pavement Repair & Maintenance - 2010	\$12,703.76
		D.02.20.039	Airfield Pavement Repair & Maintenance - 2011	\$49,773.28
		D.02.20.039	Airfield Pavement Repair & Maintenance - 2011	\$67,337.13
	51121565	H.02.10.101	Center Airfield Electrical Duct Bank Relocation	\$79,139.24
	51121565	H.02.10.070	Runway 27R Extension: Site Prep, Realigned Box Culvert & NLVR Reconstruction	\$6,574.07
		D.02.20.039	Taxiway L Slab Replacement (D.02.20.039)	\$17,262.16
	51210263	H.02.10.070	R/W 27R Paving & Lighting - QA Testing	\$141,890.73
		D.02.20.040	Airfield Repairs 2012	\$115,729.00
		D.06.01.008	Resurfacing of Park Ride Lots A & B	\$41,856.00
12-R-0302		D.02.20.039	Airfield Repairs 2011	\$2,694.51
		H.02.10.101	Center Airfield Taxiway Connectors	\$195,096.40
		D.02.00.016	Upgrades for A380 Operations	\$100,000.00
		H.02.10.070	R/W 27R Paving & Lighting - QA Testing	\$25,000.00
		H.02.10.101	Center Airfield Taxiway Connectors	\$15,000.00
12-R-0925	51221682	H.03.60.020	Midpoint Expansion Concourse D	\$320,000.00
12-R-1192	51225570			
				<b>\$2,705,762.72</b>

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: 2/08/13

Anticipated Committee Meeting Date(s): 2/27/13

Anticipated Full Council Date: 3/04/13

Legislative Counsel's Signature: Kristen Rectenwald *Kristen M Rectenwald*

Commissioner's Signature: *[Handwritten Signature]*

Chief Financial Officer: N/A

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

Chief Procurement Officer Signature: *[Handwritten Signature]*

**CAPTION**

A RESOLUTION AUTHORIZING THE AVIATION GENERAL MANAGER, OR HIS DESIGNEE, TO ISSUE TASK ORDERS UNDER CONTRACT NO. FC-4556-B, STRUCTURAL TESTS AND SPECIAL INSPECTIONS WITH TERRACON CONSULTANTS, INC., IN A COLLECTIVE AMOUNT NOT TO EXCEED \$650,000 TO PROVIDE STRUCTURAL TESTS AND SPECIAL INSPECTION SERVICES AT HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT. ALL SERVICES 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); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) \$650,000  
Mayor's Staff Only

Received by CPO: 1/31/13  
(date)

Received by LC from CPO: \_\_\_\_\_  
(date)

Received by Mayor's Office: [Handwritten Signature] 2-1-13  
(date)

Reviewed by: [Handwritten Signature]  
(date)

Submitted to Council: \_\_\_\_\_  
(date)