

**Event 423 - Michael Baker International  
Bridge Design and Miscellaneous Structural  
Engineering Services,**

**Prime -Michael Baker International**

Classification	Unit	Final Rates
<b>Labor Category</b>		
Project Executive	Per Hour	\$ 254.00
Deputy Project Manager	Per Hour	\$ 217.50
QA/QC Manager	Per Hour	\$ 217.50
Chief Engineer	Per Hour	\$ 247.60
Senior Engineer	Per Hour	\$ 197.26
Engineer	Per Hour	\$ 139.48
Designer	Per Hour	\$ 113.86
Technician	Per Hour	\$ 87.97
Administrative	Per Hour	\$ 75.52
Certified Cost Professional	Per Hour	\$ 185.00
Senior Inspector	Per Hour	\$ 150.00
Project Controls	Per Hour	\$ 90.50
Professional Engineer	Per Hour	\$ 176.05
Senior Project Manager	Per Hour	\$ 215.71

**Subconsultant - KEITH and Associates, Inc.  
dba KEITH**

<b>Labor Category</b>		
Project Executive	Per Hour	\$ 254.00
Senior Project Manager	Per Hour	\$ 215.71
Project Manager	Per Hour	\$ 166.72
QA/QC Manager	Per Hour	\$ 200.00
Administrative Assistant	Per Hour	\$ 75.52
Senior Engineer	Per Hour	\$ 197.26
Professional Engineer	Per Hour	\$ 176.05
Engineering Designer	Per Hour	\$ 115.00
Engineering Analyst	Per Hour	\$ 120.00

Senior Utility Coordinator	Per Hour	\$ 157.87
Utility Coordinator	Per Hour	\$ 118.15
Utility Coordinator Technician	Per Hour	\$ 115.00
Utility Coordinator Analyst	Per Hour	\$ 95.00
Senior Surveyor	Per Hour	\$ 181.13
Professional Surveyor	Per Hour	\$ 141.13
Project Surveyor	Per Hour	\$ 140.74
Survey Analyst	Per Hour	\$ 109.88
Senior Landscape Architect	Per Hour	\$ 195.00
Landscape Architect/ Arborist	Per Hour	\$ 148.54
Landscape Designer	Per Hour	\$ 116.31
Landscape Analyst	Per Hour	\$ 85.00
Senior Construction Manager	Per Hour	\$ 200.45
Construction Manager	Per Hour	\$ 167.39
Senior Inspector	Per Hour	\$ 115.78
Inspector	Per Hour	\$ 103.23
Senior Subsurface Utility Engineer	Per Hour	\$ 230.00
Subsurface Utility Engineer	Per Hour	\$ 183.81
Subsurface Utility Technician	Per Hour	\$ 135.00
Subsurface Utility Analyst	Per Hour	\$ 95.00
Field Crew Supervisor	Per Hour	\$ 90.17
Survey Crew	Per Hour	\$ 173.00
Drone/LiDAR Crew	Per Hour	\$ 118.77
Utility Designating Crew	Per Hour	\$ 201.67
<b>Subconsultant - Delta Consultants, LLC</b>		
<b>Labor Category</b>		
Chief Engineer	Per Hour	\$216.00
Senior Engineer	Per Hour	\$187.50
Engineer	Per Hour	\$108.00
<b>Subconsultant - Green Dade, Inc.</b>		
<b>Labor Category</b>		
Principal	Per Hour	\$ 217.43
Project Manager	Per Hour	\$ 166.72
Deputy Project Manager	Per Hour	\$ 188.50
Chief Engineer	Per Hour	\$ 220.00

Senior Engineer	Per Hour	\$ 195.00
Engineer	Per Hour	\$ 139.48
Designer	Per Hour	\$ 113.86
Technician	Per Hour	\$ 87.97
Administrative	Per Hour	\$ 75.52
Quality Manager	Per Hour	\$ 188.74
<b>Subconsultant - HML Public Outreach</b>		
<b>Labor Category</b>		
Project Manager/Quality Manager	Per Hour	\$ 110.00
Community Outreach Specialist	Per Hour	\$ 95.00
Assistant Community Outreach Specialist	Per Hour	\$ 70.00
Graphic Designer	Per Hour	\$ 85.00
<b>Subconsultant - Thomas Geotechnical Services, LLC</b>		
<b>Labor Category</b>		
Principal	Per Hour	\$ 175.00
Project Manager	Per Hour	\$ 120.00
Senior Engineer	Per Hour	\$ 130.00
Engineer	Per Hour	\$ 130.00
Designer (CADD)	Per Hour	\$ 85.00
Technician	Per Hour	\$ 72.00
Administrative	Per Hour	\$ 75.52
Quality Manager	Per Hour	\$ 85.00
Principal Engineer (If Needed I At Option of PBC)	Per Hour	\$ 175.00
Senior Geotechnical Engineer	Per Hour	\$ 130.00
Engineer, PE	Per Hour	\$ 120.00
Staff Engineer	Per Hour	\$ 85.00
Senior Engineering Technician	Per Hour	\$ 66.00
Engineering Technician	Per Hour	\$ 55.00
Drafter I CADD	Per Hour	\$ 85.00

## EXHIBIT "B" MAXIMUM BILLING RATES

Event No: RFQ 423

**Event Title: Bridge Design and Miscellaneous Structural Engineering  
Services, Continuing Services Contract**Consultant/Subconsultant Name: **KEITH and Associates, Inc. dba KEITH**

	FIELD TESTING RATES	UNITS	FINAL RATES
1	Vacuum Excavations	Test	\$450.00/ea

## EXHIBIT "B" MAXIMUM BILLING RATES

Event No: RFQ 423

**Event Title: Bridge Design and Miscellaneous Structural Engineering  
Services, Continuing Services Contract**Consultant/Subconsultant Name: **Thomas Geotechnical Services, LLC**

	SOIL TESTING	UNITS	FINAL RATES
1	Field Density Test (5 minimum)	Test	\$ 30.00
2	Proctors	Test	\$ 100.00
3	Florida Bearing Value Test	Test	\$ 45.00
4	Limerock Bearing Ratio Test	Test	\$ 300.00
5	Atterberg Limit	Test	\$ 80.00
6	Carbonate Content Test	Test	\$ 100.00
7	Organic Content Test	Test	\$ 50.00
8	DOT Corrosivity	Test	\$ 130.00
9	Soil Observation (On Site)	Hour	\$ 66.00
10	Natural Sample Moisture Content	Test	\$ 20.00
11	Unit Weight and Moisture Content (Undisturbed Sample)	Test	\$ 50.00
	<b>CONCRETE &amp; MASONRY MATERIALS</b>		
12	Concrete Compression test (4 cylinders per trip minimum) Prepare	Set	\$ 150.00
13	Additional Concrete cylinders	Cylinder	\$ 18.00
14	Concrete Compression test only (delivered to lab)	Cylinder	\$ 18.00
15	Slump test	Test	\$ 18.00
16	Air Content Test	Test	\$ 25.00
17	Stand-by	Hour	\$ 66.00
18	Grout Prism (6 per set) Includes preparation of Prism on site	Set	\$ 80.00
19	2" x 2" Mortar Cubes (6 per set) Includes preparation of Cubes on site	Set	\$ 80.00
20	Additional Mortar cubes	Each	\$ 18.00
21	Masonry Units: Compressive Strength	Unit	\$ 80.00

22	Masonry Units: Absorption	Unit	\$ 50.00
23	Concrete Cores (3 Minimum) Secure, Trim & Test	Core	\$ 80.00
24	Concrete Cores (3 Minimum) Testing of core (delivered to lab (inc. trim))	Core	\$ 50.00
25	Swiss Hammer Testing	Hour	\$ 66.00
26	Windsor Probe Test (3 Shots Minimum)	Test	\$ 150.00
27	Additional Windsor Probe Tests	Test	\$ 100.00
	<b>AGGREGATE TESTING</b>		
28	Grain size determination: Full grain size (8 sieves)	Test	\$ 75.00
29	Grain size determination: Wash through (#200)	Test	\$ 45.00
30	Sieve Analysis - Coarse Aggregate	Test	\$ 45.00
31	Specific Gravity & Absorption of Fine or Coarse Aggregate	Test	\$ 70.00
	<b>ASPHALT TESTING</b>		
32	Asphalt Cores (obtaining core samples)	Each	\$ 75.00
33	Asphalt Extraction and Gradation	Test	\$ 150.00
34	Asphalt Density and Thickness	Test	\$ 25.00
35	Marshall Stability (Incl density, flow and stability of 3 specimens) (50 blows)	Test	\$ 150.00
36	Coring Machine plus Generator Rental	Trip	\$ 350.00
37	Superpave Resolution Testing: Rice Testing	Each	\$ 120.00
38	Superpave Resolution Testing: Gyratory Compaction, bulk specific gravity	Each	\$ 170.00
	<b>INSPECTION SERVICES</b>		
39	Concrete Inspection (on job-site or plant)	Hour	\$ 55.00
40	Pile Driving Inspection	Hour	\$ 85.00
41	Pre-Stress Yard Inspection	Hour	\$ 85.00
42	Steel Inspection	Hour	\$ 85.00
43	Threshold Inspection	Hour	\$ 85.00
44	Asphalt Inspection (Plant or Roadway)	Hour	\$ 85.00
45	PDA (Pile Dynamic Testing Services)	Test	\$ 1,700.00
46	Helical Pile Inspection	Hour	\$ 66.00
47	Drill Shaft Logging I Inspection Services	Hour	\$ 85.00
	<b>FIELD EXPLORATIONS</b>		
48	Auger Borings	LF	\$ 10.00
49	Hand Augers	LF	\$ 12.00
50	Standard Penetration Tests - Truck Rig (0' - 50')	LF	\$ 13.00
51	Standard Penetration Tests - Truck Rig (51' - 100')	LF	\$ 15.00
52	Grout bore holes (0' - 50')	LF	\$ 6.00
53	Grout bore holes (51' - 100')	LF	\$ 7.00
54	Casing (0' - 50')	LF	\$ 7.00
55	Casing (51' - 100')	LF	\$ 9.00
56	Static Cone Penetration Test (0' - 100')	LF	\$ 25.00
57	Muck Probing (4 hr minimum)	Hour	\$ 175.00
58	Mobilization of drilling equipment to project (Minimum Charge): 50 mile travel	Trip	\$ 350.00

59	Mobilization of drilling equipment to project (Minimum Charge): 100 mile travel	Trip	\$ 450.00
	<b>MISCELLANEOUS SERVICES</b>		
60	Foundation Analysis and Recommendation		
61	Percolation test	Test	\$ 300.00
62	Install Groundwater Monitoring Well, 25' Depth (per PBCWUD Standards & Details)	LF	\$ 50.00
63	Plug & Abandon Monitoring Well, 25' Depth	Hour	\$ 60.00