

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME CHRISTY/COBB, INC.			3. YEAR ESTABLISHED 1981	4. UNIQUE ENTITY IDENTIFIER 120244025
2b. STREET 2320 Highland Avenue South, Suite 100			5. OWNERSHIP	
2c. CITY Birmingham	2d. STATE AL	2e. ZIP CODE 35205	a. TYPE Corporation - Engineering Services	
6a. POINT OF CONTACT NAME AND TITLE William G. Wells - Senior Engineer			b. SMALL BUSINESS STATUS Woman-Owned Small Business	
6b. TELEPHONE NUMBER 205.933.1080	6c. E-MAIL ADDRESS gray@christycobb.com		7. NAME OF FIRM (if Block 2a is a Branch Office)	
8a. FORMER FIRM NAME(S) (if any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
12	Civil Engineering	3		B02	Bridges	3
08	CADD Technician	1		C06	Churches; Chapels	1
02	Administrative	1		C10	Commercial Buildings(low rise)	1
				D02	Dams	1
				E02	Educational Facilities	1
				F02	Field Houses; Gyms; Stadiums	1
				F05	Forensic Engineering	1
				G01	Garages; Parking Decks	2
				G02	Gas Systems	1
				H08	Historical Preservation	2
				H09	Hospital and Medical Facilities	1
				H11	Housing	3
				I01	Industrial Buildings	2
				M06	Mines, Quarries, tunnels	1
				O01	Office Buildings, Industrial Parks	2
				P12	Power Generation; Transmission	3
				R04	Recreation Facilities	1
				R06	Rehabilitation	4
				S04	Sewage Collection; Treatment and	2
				S09	Structural Design; Special Structure	3
				U03	Utilities (Gas & Steam)	1
	Other Employees			W01	Warehouse and Depots	1
Total		5				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	4	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE William G. Wells, Senior Engineer	b. DATE
c. NAME AND TITLE William G. Wells, Senior Engineer	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lowell Kappel Christy, PE, FACEC, Leed AP BD+C	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 46	b. WITH CURREN FIRM 36

15. FIRM NAME AND LOCATION <i>(City and State)</i> Christy/Cobb, Inc., Birmingham, Alabama
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Department of Civil Engineering 1967-1971 University of Alabama	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: Alabama, Florida, Kentucky, Mississippi, North Carolina and Texas
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Council of American Structural Engineers-Past Chair; American Council of Engineering Companies of Alabama-Past President; ACEC Fellow; AGC Alabama Construction Hall of Fame; Structural Engineers Association of Alabama; Society of Women Engineers; AISC: ICRI; LEED AP BD+C;; UAB CCEE Advisory Board - Chair; BSC Norton Board

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Alabama Power Company Indefinite Delivery Contract Birmingham, Alabama	1992	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Project Engineer for various projects including new and existing buildings, specialty structures, industrial facilities and office buildings, and consultant for concrete repair and deck coating of existing parking structures, building facades, and emergency repairs of damaged structures.	[X] Check if project performed with current firm	
b.	University of Alabama at Birmingham Callahan Parking Deck Fire Birmingham, Alabama	2016	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in charge of a structural damage assessment, design of repairs and construction observation after a vehicular fire in a cast-in-place, post-tensioned parking deck. The emergency repair services were performed under an Indefinite Delivery/Indefinite Quantity Agreement with UAB.	[X] Check if project performed with current firm	
c.	Alabama Power Company General Service Complex Building 8 Renovation and Coal Lab HVAC Modifications Shelby County, Alabama	2016	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer for the structural design, contract documents and construction phase services associated with alterations and additions to a two story office building. A separate but simultaneous project involved consultation regarding roof mounted equipment placement options and design of structural framing modifications required to support increased loads.	[X] Check if project performed with current firm	
d.	Alabama Power Company Emergency Generator Enclosure Birmingham, Alabama	2013	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer responsible for the structural design of the foundations, enclosure and platforms for two emergency generators located at Alabama Power Corporate Headquarters Building. The enclosure was designed to protect the equipment during extreme wind and seismic events.	[X] Check if project performed with current firm	
e.	St. Vincent's Hospital Scaffolding Support Birmingham, Alabama	2016	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural engineer responsible for evaluation of options to support scaffolding allowing personnel access and debris removal from a high roof. The evaluation was based on loads and general arrangement of the scaffolding supplied by the scaffolding subcontractor along with existing drawings and field observations.	[X] Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gray Wells, PE	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 36	b. WITH CURREN FIRM 28

15. FIRM NAME AND LOCATION <i>(City and State)</i> Christy/Cobb, Inc., Birmingham, Alabama
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Auburn University, B.S.C.E	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: Alabama, , Louisiana, South Carolina, Tennessee, Virginia
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Structural Engineers Association of Alabama; American Society of Civil Engineers; Construction Specifications Institute; American Welding Society; American Institute of Steel Construction; MSHA Part 46 Miner Safety Training Certification; NCEES Certification
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19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> NASA Building 4663 Huntsville, Alabama	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 1999	CONSTRUCTION <i>(If Applicable)</i> 2000
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the structural design services necessary for the repairs and supply loading requirements for the piles to be installed by Hayward Baker for a portion of the existing two-story cast in place concrete building located above a sinkhole.	[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Alabama at Birmingham Football Operations Complex Birmingham, Alabama	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If Applicable)</i> Under Construction
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the structural design for the new two story 46,154 square foot football operations facility, foundations for the 85,000 square foot practice facility and miscellaneous ancillary structures. The operations facility includes coach's offices, auditorium, player treatment, conference rooms, locker room, weight room, laundry and equipment storage.	[X] Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Alabama at Birmingham Steam Distribution System Birmingham, Alabama	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If Applicable)</i> 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the structural design for the underground manholes, thrust blocks and pipe supports for the steam and condensate return piping associated with the new steam plant servicing classrooms, administration buildings and buildings making up the University Hospital. The project included twenty two cast in place concrete underground manholes located throughout the university under streets, parking and landscaped areas.	[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Ross Bridge Parkway, a Daniel Corp. and USX and Development Hoover, Alabama	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002	CONSTRUCTION <i>(If Applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the structural design of three pre-stressed concrete girder bridges. The bridges include a 151ft two span bridge over the CSX Railroad, a 456ft five span bridge over Shades Creek and an 85ft single span bridge at Orchard Avenue.	[X] Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Birmingham-Southern College Residence Halls Birmingham, Alabama	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If Applicable)</i> 2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for the structural design of two four-story residence halls with a combined square footage of 65,300, located on the Birmingham-Southern College campus providing housing for up to 167 students. The project was awarded LEED certification by the Green Building Council.	[X] Check if project performed with current firm	