

*Celebrating 100 Years*

**bell**  
engineering

# STATEMENT *of* QUALIFICATIONS

PROFESSIONAL ENGINEERING SERVICES  
CONTRACT 1, CONTRACT 3,  
CONTRACT 5 & CONTRACT 8

DEPARTMENT OF ENGINEERING  
LEXINGTON-FAYETTE URBAN CO. GOVT.



MARCH 26, 2014

ELECTRONIC COPY



March 26, 2014

Ms. Theresa Maynard, Buyer Senior  
Lexington-Fayette Urban County Government  
Room 338, Government Center  
200 East Main Street  
Lexington, KY 40507

**Re: RFP#13-2014 Request for Qualifications for Professional Engineering Services**

Dear Ms. Maynard,

Bell Engineering is a name that has been associated with **reliability and innovation for 100 years**. As the **longest continually operating consulting engineering firm** in the state of Kentucky, we are pleased to submit the LFUCG Department of Engineering with our Statement of Qualifications for prequalification in **Contract 1: Roadway, Corridor & Intersection Design/Planning; Contract 3: Construction Drawing Review; Contract 5: Pedestrian, Bike & Trail Design/Planning and Contract 8: Construction Inspection services**. Upon your review, we are confident you will conclude that **Bell Engineering is extremely qualified to provide service to LFUCG through these contracts**.

**Bell Engineering brings the following strengths to LFUCG:**

- **Knowledge and team experience with a variety of projects for LFUCG,**
- **KYTC prequalified in rural and urban roadway design and bikeway planning,**
- **Provide review of construction drawings for compliance along with construction inspection services on nearly every project we complete,**
- **Bell Engineering is a registered Small Business with the SBA,**
- **Project team includes Abbie Jones Consulting, an LFUCG Certified DBE,**
- **All firms are headquartered locally in Lexington, Kentucky,**
- **100% Central Kentucky-based staff to perform work.**

On behalf of Bell Engineering, we thank you for the opportunity to **showcase our experience and outline the strengths** that our team can bring to the LFUCG Department of Engineering on Contracts 1, 3, 5 and 8. We look forward to the opportunity to continue to **provide quality engineering services** to the City of Lexington on this and many future projects.

Sincerely,  
BELL ENGINEERING

  
Kelly G. Gillespie  
President

2480 fortune drive, suite 350, lexington, kentucky 40509  
859/278-5412 phone 859/278-2911 fax www.hkbell.com  
**bell engineering. creating. improving. planning for the future.**



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- Founded in Lexington, KY in 1914
- Locally owned and operated
- 100% of work performed by staff located in Kentucky
- Registered small business with SBA

**Bell Engineering** is a name that has been associated with **reliability and innovation for 100 years**. As the longest continually operating consulting engineering firm in the state, **we have completed projects throughout Kentucky** and in many surrounding states. The firm has remained **locally owned and operated since Mr. Howard K. Bell formed the company in**

**Lexington, Kentucky in 1914**. Originally located on Limestone Street, Howard K. Bell Consulting Engineers, Inc. provided water, wastewater and stormwater engineering services to clients and communities throughout Kentucky and West Virginia.

Prior to Mr. Bell's death in 1939, his son Mr. Grant S. Bell and Mr. James K. Latham were made partners in the firm. In 1960, **operations were changed from a partnership to a corporation** and the firm adopted an Employee Stock Ownership Plan (ESOP) in 1992. In 2005, the **firm rebranded under the name Bell Engineering** and the Lexington headquarters moved to its current location on Fortune Drive in August 2010.

Hires in 2011 in the areas of landscape architecture and industrial pretreatment have added to Bell's original line of services which included environmental, sanitary and civil. **Our firm is well-staffed to complete a variety of projects in a timely, efficient and cost-effective manner**. Today we offer a full line of services to clients including water, wastewater, stormwater, gas, highway design, pedestrian, bike and trail planning, city planning, site/civil, HVAC, construction inspection, grant/loan assistance and surveying to name just a few.

Bell has developed a reputation as a **highly competent leader**. We strive not only to meet our client's expectations, but to exceed them whenever possible. We do this while **balancing the needs of today with careful planning for future rules and regulations**. Bell employees develop long-term relationships and we currently have several clients with a project span of 50+ years.

The **Bell Engineering team is requesting prequalification on the following** Lexington-Fayette Urban County Government (LFUCG) Department of Engineering (DOE) contracts: **Contract 1:** Roadway, Corridor & Intersection Design/Planning; **Contract 3:** Construction Drawings Review; **Contract 5:** Pedestrian, Bike & Trail Design/Planning; and **Contract 8:** Construction Inspection.

"I like the attention to detail that **Bell brings to every project**, it is comforting knowing the answer to any question is just a phone call away. Also, we feel that when we hire Bell for a project it is much more than a contractual partnership - it is a relationship, and Bell truly understands that." - **Mr. Charlie Dick, Manager; Somerset Water & Sewer**

A key member of Bell's team is Abbie Jones Consulting. **Abbie Jones Consulting, a LFUCG certified DBE**, was founded in Lexington, KY in 2011 with a vision to provide professional engineering and land surveying focused on building sustainable communities for future generations. Staff will **provide professional land surveying services** as needed including construction staking, topographic and boundary surveys and elevation certification.

LE Gregg Associates was founded in Lexington, KY in 1957 to provide **engineering and materials testing services**. With 57 years of institutional experience, the firm is well-versed in the

process of **conducting geotechnical investigations for a variety of projects**. LE Gregg offers a range of services including Phase I Environmental Site Assessments and Special Inspections.

Bell Engineering is "responsive, professional and [a] team player." - Mr. Michael A. Scott; American Electric Power

The Bell team is qualified to provide engineering services to the DOE for Contracts 1, 3, 5 and 8 because of our **knowledge and team experience with similar projects as well as working with LFUCG**. The combined resources of our companies will ensure that any projects our team is selected for will exceed the DOE's expectations.

**Contract 1: Roadway, Corridor & Intersection**

**Design/Planning** – Bell Engineering provides the expertise to **plan, design and construct roadway and transportation networks** as either stand-alone projects or as an integrated part of a larger concept. From the **design of the first concrete streets in Lexington in the 1920's** to the use of pervious pavement in today's design, Bell continues to implement state-of-the-art street and roadway construction techniques. We are **currently involved in urban, commercial, industrial and residential roadway projects**. Bell is **KYTC prequalified in rural and urban roadway design**.



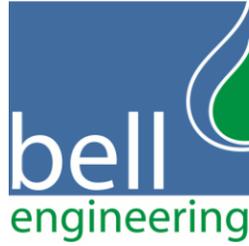
**Contract 3: Construction Drawings Review** – Bell Engineering has both **the experience and technical expertise** necessary to provide review of construction documents. We are **familiar with LFUCG's requirements** through the completion of a variety of pump station, stormwater and other projects for LFUCG. Additionally, we understand the importance of project schedules and work to ensure our reviews are both thorough from an engineering perspective and completed in a timely manner. Our review process is integrated to **ensure proposed construction projects have been designed in conformance with applicable regulations**.

**Contract 5: Pedestrian, Bike & Trail Design/Planning** – Bikeway and pedestrian planning have become **critical pieces of modern community planning**. Bell Engineering's **experience assisting communities throughout the region and state** with their bikeway and pedestrian



planning gives the Bell team the needed resources to complete these projects. Bell is **KYTC prequalified in bikeway planning** and our staff includes a certified planner with **more than 30 miles of trail planning and design experience** along with the completion of several multi-use trail feasibility studies. We are **currently completing a number of TEA-21, Safe Routes to School and bike and trail projects**.

**Contract 8: Construction Inspection** – Bell Engineering's **in-field experience with construction management and inspection** has honed our ability to **understand and anticipate common problems** that occur during construction. We have provided inspection for thousands of wide ranging construction projects. Our personnel are familiar with construction techniques and the numerous variables encountered during a project that can affect the final product. By **providing both observation of the Contractor's work and checking the materials being utilized**, Bell provides the Owner further protection against defects and deficiencies in the project.



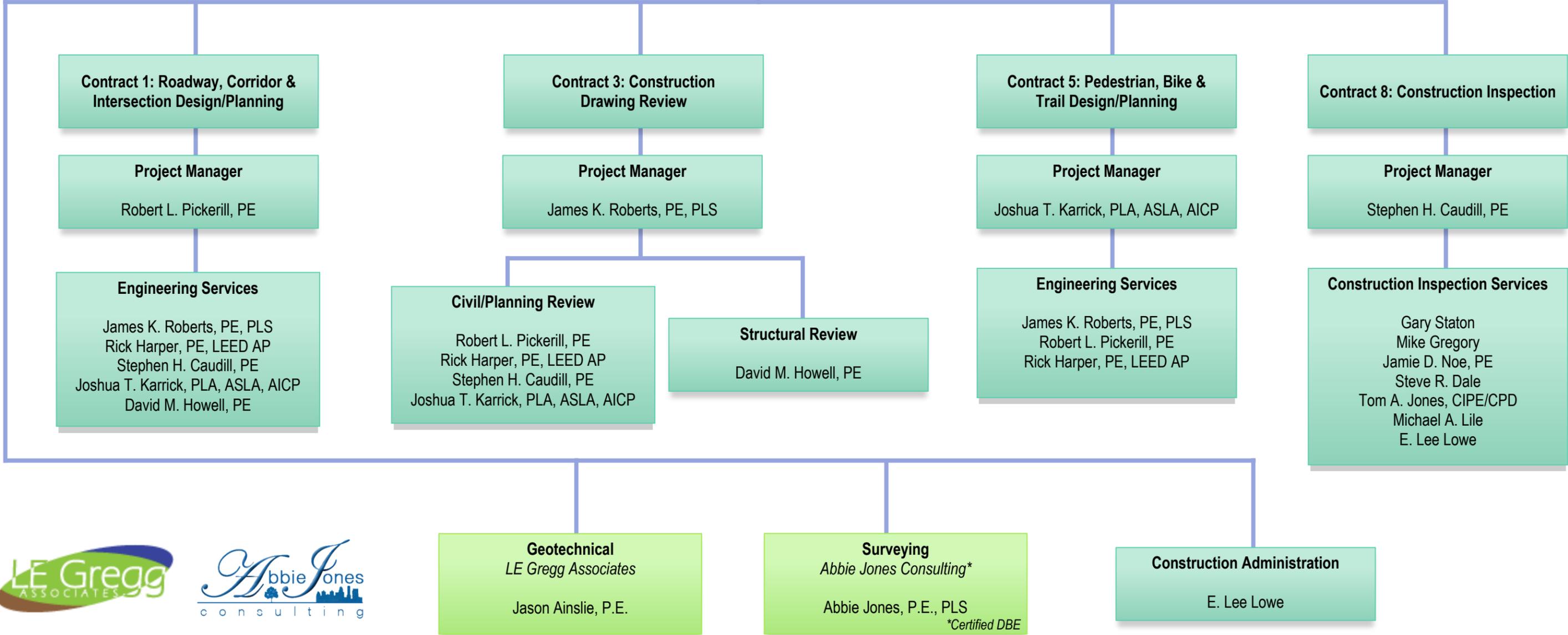
**LFUCG DOE Professional Engineering Services**

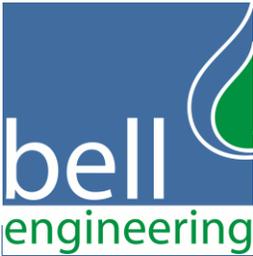


**LFUCG Department of Engineering**

**Lexington-Fayette Urban County Government**  
Mayor: Jim Gray  
Urban County Council

**Principal-in-Charge/Client Manager**  
David F. Schrader, PE





**Robert L. Pickerill, PE**  
**Project Manager – Contract 1; Engineering/Review Services – Contracts 3 & 5**  
**Lexington/Hopkinsville, KY**

**EDUCATION**

B.S. Civil Engineering  
Technology, Western  
Kentucky University

**REGISTRATIONS**

Professional Engineer,  
KY – 15052

Mr. Pickerill has 36 years of industry experience including a **strong background in project management and quality control in construction activities**. He has overseen all phases of projects including **review of construction drawings and development plans for compliance**. Additionally, he has extensive **roadway planning and design experience** and has also been involved with a number of **pedestrian and bike projects** including TEA-21 and Safe Routes to School projects.

**Relevant Experience**

- Project manager for MSU Drive Extension including the design of 1045 L.F. of new 2-lane road with turn lane, curb and gutter – Hopkinsville, KY
- Project manager for Country Club Lane Extension including reconstruction of approximately 550 L.F. of existing roadway, curb and gutter, storm drainage and utility relocation – Hopkinsville, KY
- Project manager for Quintin Court Widening including the widening of approximately 950 L.F. of 2-lane road in Industrial Park into a 3-lane road – Hopkinsville, KY
- Project manager for Sheffield Downs Subdivision including 4,500 L.F. of roadway including curb, gutter & sidewalks – Hopkinsville, KY
- Project manager for Westbrooke Subdivision including 3,700 L.F. of roadway – Pembroke, KY
- Project manager for Sorrell Lane including 1,700 L.F. of roadway – Hopkinsville, KY
- Project manager for McGowan Way including 2,000 L.F. of roadway and widening of existing roadway – Hopkinsville, KY
- Project manager for Lover’s Lane and Mount Zoar Road widening and Pyle Lane Curve realignment projects – Hopkinsville, KY
- Project manager for entrance road to Trail of Tears Park – Hopkinsville, KY
- Project manager for 6<sup>th</sup> Street TEA-21 which reconstructed 6<sup>th</sup> Street including relocation of overhead utilities underground, new decorative intersection at 6<sup>th</sup> and Main Streets, sidewalk replacement, new lighting, reversal of traffic flow and drainage improvements – Hopkinsville, KY
- Project manager for UK/Nicholasville Road Project which includes pervious pavement and pedestrian and bikeway facilities – University of Kentucky; Lexington, KY
- Project manager for North Drive Safe Routes to School project which included .6 miles of new sidewalks and evaluation and design of corrections to drainage issues along adjacent ditch line – Hopkinsville, KY
- Project engineer for Hartford TEA-21 project which includes 2,930 L.F. of concrete sidewalk replacement – Hartford, KY
- Project engineer for Uniontown Safe Routes to School project which includes 2,443 L.F. of concrete sidewalk replacement – Uniontown, KY



**James K. Roberts, PE, PLS**  
**Project Manager – Contract 3; Engineering/Review Services – Contracts 1 & 5**  
**Lexington, KY**

**EDUCATION**

B.S. Civil Engineering,  
University of Kentucky;  
Value Engineering  
Workshop Training;  
CAD Production  
Technology &  
Workshop

**REGISTRATIONS**

Professional Engineer,  
KY – 15736;  
Professional Engineer,  
WV – 13391;  
Land Surveyor, KY –  
3010;  
Land Surveyor, WV –  
1619

Mr. Roberts is a **Principal in the firm** and serves as Executive Vice President and Director of Engineering Operations at Bell Engineering. He brings over **36 years of industry experience** to our team. He serves as our **in-house quality assurance coordinator** on most projects providing review of plans for compliance and accuracy. Mr. Roberts also has experience on a variety of roadway and pedestrian planning and design projects.

**Relevant Experience**

- Quality assurance for WWTP expansion to 1.4 mgd utilizing UV disinfection – Monticello, KY
- Quality assurance for WWTP expansion including the decommissioning of various old structures – Red River Wastewater Authority; Stanton, KY
- Quality assurance for design of effluent parshall flume, chlorination basin, post-aeration steps and effluent discharge pipe at Town Branch WWTP – LFUCG; Lexington, KY
- Provided site assessment, design assistance and quality control reviews for pump station, distribution line, tank and water loading station for slag field dust control – Appalachian Electric Power (AEP), Ohio
- Quality assurance for Robert R. Martin Bypass Water Main Extension project including 16-, 20- and 24-inch ductile iron transmission main and 410 L.F. of 30-inch bore and case – Richmond, KY
- Quality assurance for Duncannon Lane Transmission Main Relocation project including the relocation of approximately 3,000 L.F. of 16-inch transmission main – Richmond, KY
- Quality assurance for water treatment plant upgrade to 16 mgd membrane filtration plant including raw water intake & transmission main upgrades (\$20,500,000) – Somerset, KY
- Quality assurance for water treatment plant expansion to 6 mgd including raw water intake & transmission main upgrades – Monticello, KY
- Project manager and surveyor for Russell Safe Routes to School Project including 9,858 L.F. of sidewalk, surveying, curb and gutter layout and easement preparation for seven parcels along Kenwood Drive and KY 750 – Russell, KY
- Quality assurance for North Drive Safe Routes to School project including .6 miles of new sidewalks and evaluation and design of corrections to drainage issues along adjacent ditch line – Hopkinsville, KY
- Project manager for Riggs Street Renewal Project street, curb and sidewalk replacement – Falmouth, KY
- Project engineer and surveyor for Barker Boat Launch & Access Road project which was the development of site facilities for a four-lane boat launch and 270-car/trailer parking area including horizontal and vertical control, topographical, access roadway design, site grading, storm drainage design and utility design – Yatesville Lake
- Project manager and engineer for street widening, sidewalk, curb & gutter improvements – Falmouth, KY
- Project manager for US 60 Widening and utility relocation – Mt. Sterling, KY



Joshua T. Karrick, PLA, ASLA, AICP  
Project Manager – Contract 5; Design/Review Services – Contracts 1 & 3  
Lexington, KY

**EDUCATION**

B.S. Landscape  
Architecture, University  
of Kentucky

**REGISTRATIONS**

Registered Landscape  
Architect, KY – 679;  
American Institute of  
Certified Planners –  
023764

Mr. Karrick brings **15 years of experience** in Landscape Architecture and Planning to Bell Engineering. He has a strong background in project development and specializes in stormwater management, master planning, urban design, parks and recreation, streetscapes, **sidewalks, bikeways and trails**, green design and community planning. He has served as project manager, planner and designer for **more than 30 miles of trails** in Kentucky. He will also provide review services for DOE compliance on applicable projects.

**Relevant Experience**

- Project planner, designer & landscape architect for UK/Nicholasville Road Flood Mitigation Project which includes a shared-use trail – University of Kentucky; Lexington, KY
- Project manager for University Drive Bike Lanes including the widening of University Drive to install 6 foot wide bike lanes providing connectivity between the campus bikeway system – UK; Lexington, KY
- Project manager for UK Arboretum Trail Project which builds a bike trail through the Arboretum connecting the campus bikeway system and LFUCG's bikeway system – UK; Lexington, KY
- Project manager for Greensburg Greenway Belt Project which will link the existing Green River Paddle Trail to Downtown Greensburg – Greensburg, KY
- Project director for Town Branch Trail Master Plan which created a 4 mile shared-use trail along the Town Branch Creek corridor linking suburban neighborhoods with downtown – LFUCG; Lexington, KY
- Project manager and designer for South Elkhorn Trail Section 3 which created a .5 mile multi-use trail along Norfolk/Southern Rail Right-of-Way (\$450,000) – LFUCG; Lexington, KY
- Project manager for Veteran's Park Mountain Bike Trail which created a 2 mile mountain bike trail system, parking and circulation and natural landscaping and plantings – LFUCG; Lexington, KY
- Project manager and designer for Liberty Crossing Trail which included two pedestrian bridges, planning & site design, park & trail design, amenity & thematic design, vehicular & pedestrian improvements, utility improvements and streetscape enhancement – LFUCG; Lexington, KY
- Project manager and bikeway planner for West Hickman Trail connecting a local park and school to on-street bikeway system and a multi-use trail with 2 pedestrian bridges – LFUCG; Lexington, KY
- Project designer for South Limestone Multimodal Transportation Study which included design assistance with streetscape, bike and pedestrian improvements for the South Limestone corridor from Euclid Avenue south to Cooper Drive – Lexington-Fayette County Urban Government; Lexington, KY
- Project designer for Gainesway Pond Restoration & Trail Project which included educational trail project, water quality BMP design, educational signage & design and educational walking trail and boardwalk over the pond and wetlands – LFUCG; Lexington, KY
- Landscape Architect for Cigar Lane Project including Phase I and II roadway design for the 1 mile Cigar Lane to serve the 2010 FEI World Equestrian Games through improved pedestrian safety, improved traffic flow through widening and installation of a one-lane roundabout (\$2,300,000) – Kentucky Horse Park; Lexington, KY



Stephen H. Caudill, PE  
Project Manager – Contract 8; Engineering/Review Services – Contracts 1 & 3  
Lexington, KY

**EDUCATION**

B.S. Civil Engineering,  
University of Kentucky

**REGISTRATIONS**

Professional Engineer,  
KY – 19888;  
Professional Engineer,  
OH - 76051

Mr. Caudill has **21 years of experience** overseeing a variety of water, wastewater, stormwater and development projects. He is a **Principal in the firm** and his primary responsibilities include preparation of project plans and specifications and **oversight Resident Project Representative (RPR)** or Construction Inspection Services. He will coordinate and manage all construction inspection projects and provide engineering and review services for roadway design and manual compliance review.

**Relevant Experience**

- Project engineer and site inspection for National Guard Training Facility including construction of buildings at 7 unique locations, a half mile running track, 91,500 sf helipad, grade and drain, final surfaces, site utilities and expansion of storm sewer collection and conveyance system – Greenville, KY
- Project engineer and site inspection for 35,000 sf technical school including grade and drain, final surfaces, site utilities and storm sewer collection system and detention pond – Danville, KY
- Project engineer for 123-acre Saddlecreek Estates residential subdivision including utility layout and roadway/drainage design – Lexington, KY
- Prepared detailed cost estimates, phasing diagrams and exhibits of the lot/utility alignments for a proposed commercial/residential development – Jenkins, KY
- Prepared detailed cost estimates of costs to serve a proposed golf and hotel complex including detailed material handling plans and alignments for roadways & utilities – Carr Fork Lake
- Project engineer for 60-acre Commercial/Industrial Development including 130,000 cy of earthwork, sanitary and storm sewer, 2,850 L.F. of roadway and 3 detention/water quality basins – Lexington, KY
- Prepared plans and specifications for new high service pump facility at WTP – Richmond, KY
- Principal-In-Charge and project manager for Camp Branch, Sandlick, KY 7 & Little Dry Fork Project including 200,375 L.F. of water line, water storage tank & booster pump station – Letcher Co., KY
- Principal-In-Charge and project manager for Isom-Jeremiah Phase II Water Improvements Project including 148,149 L.F. of water line, water storage tank and booster pump station – Letcher County, KY
- Principal-In-Charge and project manager for Whitco and Dry Fork Project including 13,846 L.F. of water line, one booster pump station and one water storage tank – Letcher County, KY
- Principal-In-Charge and project manager for Phylben Village Sanitary Sewer project including 8-inch gravity sewer, 6-inch force main and one new pump station. A new magmeter vault was constructed and SCADA was also implemented to provide monitoring and control of the wastewater system – Danville, KY
- Principal-In-Charge and project manager for Balls Branch Sanitary Sewer Interceptor Project including 8-, 10- and 21-inch gravity sewer, 8- and 12-inch force main, the decommissioning of 3 poorly performing pump stations, the upgrade of 1 pump station and construction of 1 new pump station – Danville, KY
- Project manager for KY 111 and US 60 Sanitary Sewer Project including a combination low pressure system and gravity sewer system and 1 pump station – Owingsville, KY



Thomas F. (Rick) Harper, PE, LEED AP  
Engineering/Review Services – Contracts 1, 3 & 5  
Hopkinsville, KY

**EDUCATION**

B.S. Civil Engineering,  
University of Kentucky

**REGISTRATIONS**

Professional Engineer,  
KY – 17315

Mr. Harper has **27 years of industry experience** including a strong background in commercial, municipal, industrial and institutional site development projects. Mr. Harper is responsible for engineering design and project management activities including **grading and drainage**, stormwater management, **erosion and sediment control**, site layout, **parking and traffic control**, **pedestrian access**, and **construction details**. In addition to his site development design experience, Mr. Harper's experience includes sanitary sewer main extension and pump station design, water main extensions, flood encroachment studies for permitting and channel design, and **road and street design**.

**Relevant Experience**

- Project engineer for Boone County Public Safety Complex including site development for the 60-acre tract with .5 miles of new road, parallel sidewalks and bike trails – Boone Co. Fiscal Court; Burlington, KY
- Project engineer for Christian County Justice Center including site re-development of 3.5 acre parcel bordered by city streets and the North Fork of the Little River. Project included parking, new and replacement sidewalks and pedestrian plaza – Christian Co. Fiscal Court, Hopkinsville, KY
- Project engineer for Todd County Justice Center including site re-development for a 2-acre site. Project included parking for 100 vehicles, sidewalks and pedestrian plaza, prisoner delivery access, secured parking and deliveries access. Sidewalks along the front of the property were replaced and overhead utilities were relocated underground – Todd County Fiscal Court; Elkton, KY
- Project engineer for Hopkins County Justice Center including site re-development for a 3-acre site. Project included parking for vehicles, sidewalks and pedestrian plaza and replacement of all street-side sidewalks along the perimeter of the site – Hopkins County Fiscal Court; Madisonville, KY
- Project engineer and manager for Howell Street Drainage Improvement project that included the installation of 1,000 linear feet of 24" storm culvert, drainage inlet structures, stone segmental retaining walls and new sidewalk – Hopkinsville, KY
- Project engineer and manager for Andrews AFB Administration Building Anti-Terrorism/Force Project. Included reconfiguring 800+ stall parking lot with force protection barriers and access control; access routes for delivery and emergency vehicles. Pedestrian access provided through openings and plaza style sidewalks, including stamped concrete. – US Army Corps of Engineers; Joint Base Andrews, MD
- Project engineer for Access Road for Universal Fasteners including site development for new industrial site and 0.65 miles of new access road – Gray Company; Centerville, TN
- Project engineer for Turn Lanes for Crofton Elementary School including site development for new school facility and 1120 feet of turn lane – Christian County Public Schools; Crofton, KY
- Project engineer for Turn Lanes for MLK Jr Elementary School including 30 acre site development for new school facility and two 600 feet left turn lanes – Christian County Public Schools; Hopkinsville, KY
- Project engineer for Turn Lanes for South Livingston Elementary School including site development for new school facility and 1400 feet of turn lane - Livingston County Public Schools; Smithland, KY
- Project engineer for Turn Lanes for Trigg County Elementary School including site development for school addition and 500 feet of turn lane - Trigg County Public Schools; Cadiz, KY



David M. Howell, PE  
Engineering/Review Services – Contracts 1 & 3  
Hopkinsville, KY

**EDUCATION**

B.S. Civil Engineering,  
University of Kentucky;  
M.S. Civil Engineering,  
University of Kentucky

**REGISTRATIONS**

Professional Engineer,  
KY – 29100

Mr. Howell graduated from the University of Kentucky College of Engineering in May 2008 and joined Bell Engineering's team in July 2008. He worked in our Lexington office while completing his Master of Science in Civil Engineering. Upon completion of his studies, he moved back to his hometown and joined our Hopkinsville office. Mr. Howell has experience with the **design of structural components** for water and wastewater treatment plants and other miscellaneous structures, performing hydraulic analyses, water line and tank inspections, preparing cost estimates, designing water lines, **sidewalks** and stormwater systems and assisting with surveying.

**Relevant Experience**

- Project manager for Uniontown Safe Routes to School project which includes 2,443 L.F. of concrete sidewalk replacement – Uniontown, KY
- Project manager for Hartford TEA-21 project which includes 2,930 L.F. of concrete sidewalk replacement – Hartford, KY
- Project engineer for Hopkinsville Municipal Building project which includes the design of a new parking lot, sidewalks, site utilities and site grading – Hopkinsville, KY
- Project engineer for MSU Drive Extension including the design of 1045 L.F. of new 2-lane road with turn lane, curb and gutter – Hopkinsville, KY
- Project engineer for Country Club Lane Extension including reconstruction of approximately 550 L.F. of existing roadway, curb and gutter, storm drainage and utility relocation – Hopkinsville, KY
- Project engineer for Quintin Court Widening including the widening of approximately 950 L.F. of 2-lane road in Industrial Park into a 3-lane road (\$147,050) – Hopkinsville, KY
- Structural design engineer for Monticello Wastewater Treatment Plant Upgrade – Monticello, KY
- Structural design engineer for Greensburg Water Treatment Plant – Greensburg, KY
- Assisted with structural inspection of three structures for the City – Winchester, KY
- Assisted with structural inspection of Water Treatment Plant – Beech Fork, KY
- Structural design engineer for Water Treatment Plant Expansion – Beech Fork, KY
- Project engineer for site/space planning of Griffen Gate Center I retail development – Hopkinsville, KY
- Project engineer for site/space planning of Griffen Gate Center II retail development – Hopkinsville, KY
- Project engineer for 11<sup>th</sup> Street Retaining Wall project including replacement of 400 L.F. of collapsed concrete block retaining wall with stacked interlocking masonry units – Hopkinsville, KY
- Project manager and lead designer for construction of reinforced concrete barrier wall – Monticello, KY



**E. Lee Lowe**  
**Construction Inspection Services – Contract 8**  
**Lexington, KY**

**EDUCATION**

B.A. Arts, Ashland Community College;  
B.A. Mechanical Drafting, Ashland State Vo-Tech School;  
Effective Construction Contract & Field Administration, University of Wisconsin-Madison

**ASSOCIATIONS**

Kentucky Association of Professional Surveyors

Mr. Lowe has **24 years of experience** and serves as Construction Manager at Bell Engineering. He handles construction administration duties from the bidding phase through project closeout and he **works closely with the project owner and resident project representative** to ensure a quality project that meets the needs of our clients. Mr. Lowe has experience as a design draftsman as well as a designer/planner and has worked on a **wide variety of multi-million dollar projects** in the water, wastewater and stormwater areas.

**Relevant Experience**

- Construction manager for Somerset Water Treatment Plant Upgrade – Somerset, KY
- Construction manager for College Hill Water Treatment Plant Upgrade (\$12,600,000) – Richmond, KY
- Construction manager for Raw Water Intake and Pump Station (\$5,900,000) – Richmond, KY
- Construction manager for Madisonville Water Treatment Plant Upgrade (\$12,000,000) – Madisonville, KY
- Construction manager for Water System Improvements Project including ground storage tank, booster pump station and telemetry – Stanton, KY
- Construction manager for High Street/Harrisburg Avenue Water Line Replacement Project – Owingsville, KY
- Construction manager for Robert R. Martin Bypass Water Line Extension Phase I and II – Richmond Utilities Board; Richmond, KY
- Construction manager for Phylben Village Sanitary Sewer project (\$2,000,000) – Danville, KY
- Construction manager for new Balls Branch Sanitary Sewer Interceptor project (\$4,000,000) – Danville, KY
- Construction manager for new Balls Branch Pump Station project (\$539,687) – Danville, KY
- Construction manager for the Williams Street Pump Station project – Somerset, KY
- Construction manager for the design of the Race Street Pump Station – Somerset, KY
- Construction manager for Griffin Gate #2 Pump Station Replacement – Lexington-Fayette Urban County Government; Lexington, KY
- Construction manager for the KY 111 and US 60 Sanitary Sewer Extensions Project – Owingsville, KY

**Mike Gregory**  
**Construction Inspection Services – Contract 8**  
**Lexington, KY**

Mr. Gregory came to Bell Engineering in 2005 with more than **25 years of experience in the construction industry**. Since joining our firm, he has **worked as a construction inspector on a variety of projects**. He has experience in water and wastewater projects including line extensions, utility relocations and plant projects. Mr. Gregory is also capable of preparing/reviewing record drawings.

**Relevant Experience**

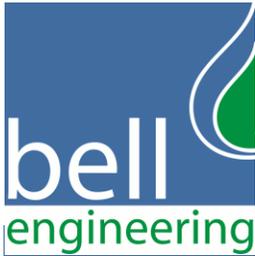
- Construction of a new \$5.9 million raw water intake facility and pumping station for the Richmond Utilities Board; Richmond, Kentucky
- Construction of a \$8 million water treatment plant expansion for Berea Municipal Utilities; Berea, Kentucky
- Construction of the Tates Creek Road utility relocation project in excess of \$3 million for the Richmond Utilities Board, Richmond, Kentucky
- Construction of the South US 27 Area Sanitary Sewer Project for the City of Somerset, Kentucky
- Construction of the Milestone utility relocation for the Letcher County Water and Sewer District; Letcher County, Kentucky
- Construction of the \$2 million Phylben Village-Airport Road Sewer Project for the City of Danville, Kentucky
- Construction of the \$20 million Somerset water treatment plant upgrade to 16 mgd membrane filtration plant including raw water intake & transmission main upgrades for the City of Somerset, Kentucky
- Construction of the \$3 million Midtown Sanitary Sewer Upgrade including the replacement of approximately 12,400 l.f. of trunk sewer and installation of VFD's at the Sinking Creek Wastewater Treatment Plant for the City of Somerset, Kentucky

Gary Staton  
Construction Inspection Services – Contract 8  
Lexington, KY

Mr. Staton has more than **30 years of experience in the construction industry**, serving as both a contractor and as resident project representative. Since joining our firm, he has **worked as a construction inspector on a variety of projects**. Mr. Staton has outstanding knowledge and understanding of construction techniques and procedures. He has experience in water and wastewater projects including line extensions, utility relocations and plant projects. He is also capable of preparing/reviewing record drawings.

**Relevant Experience**

- Construction of Red River Regional Wastewater Treatment Facility for Red River Wastewater Authority
- Construction of Louisa-Sandy Hook Road Sanitary Sewer Utility Relocation for Lawrence County Fiscal Court
- Construction of KY 111 and US 60 Sanitary Sewer Extensions Project for City of Owingsville, Kentucky
- Construction of \$5 million addition to the Stratton Building for Eastern Kentucky University in Richmond, Kentucky
- Construction of High Street/Harrisburg Avenue Water Line Replacement Project for City of Owingsville, Kentucky
- Construction of \$3 million Medical Center in Mt. Sterling, Kentucky
- Construction of Hinkston Creek Wastewater Treatment Plant in Mt. Sterling, Kentucky
- Construction of Jackson Water Treatment Plant in Breathitt County
- Construction of Duncannon Lane Utility Relocation in Richmond, Kentucky
- Construction of Strodes Creek Wastewater Treatment Plant in Winchester, Kentucky
- Construction of Otter Creek Wastewater Treatment Plant in Richmond, Kentucky
- Construction of waterline and tank in Irvine, Kentucky
- Construction of Irvine Wastewater Treatment Plant in Estill County



**Contract 1: Roadway, Corridor & Intersection Design/Planning**

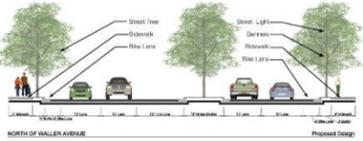
Bell Engineering is **KYTC prequalified in rural and urban roadway design** and we are **currently involved in urban, commercial, industrial and residential roadway projects**. We have provided engineering services on many projects similar to those that will be awarded through **Contract 1: Roadway, Corridor & Intersection Design/Planning**; making our team qualified to provide these services to LFUCG. The following table includes a list of clients and projects with contact information.

Client/Project Name	Contact Information
<b>LFUCG</b> - Harrodsburg Road Corridor Study** - Lexington Distillery District Master Plan* - South Limestone Multimodal Transportation Study*	<b>*Contact Name:</b> Paul Schoninger <b>Title:</b> Project Analyst <b>Phone:</b> 859/258-3208 <b>Email:</b> paulas@lexingtonky.gov
<b>University of Kentucky</b> - UK/Nicholasville Road Flood Mitigation Project - University Drive Bike Lanes Project	<b>Contact Name:</b> Keith Ingram <b>Title:</b> Project Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> kingram@email.uky.edu
<b>Hopkinsville, Kentucky</b> - 6 <sup>th</sup> Street TEA-21 - Country Club Lane Extension - Sheffield Downs Subdivision - Westbrooke Subdivision - MSU Drive Extension - Quintin Court Widening - Sorrell Lane - McGowan Way - Lover's Lane Widening - Pyle Lane Curve Realignment - Mount Zoar Road Widening - Trail of Tears Park Entrance Road	<b>Contact Name:</b> Steven R. Bourne <b>Title:</b> Director <b>Phone:</b> 270/887-4285 <b>Email:</b> sbourne@comdev-services.com
<b>LaGrange, Kentucky</b> - LaGrange Transportation & Traffic Study*	N/A
<b>Kentucky Horse Park</b> - Cigar Lane*	N/A

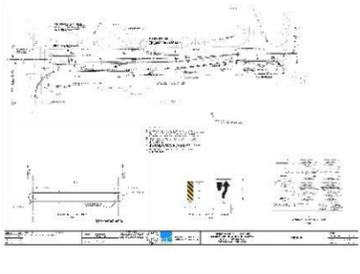
*\*Projects completed by Mr. Karrick prior to joining the Bell Engineering team.*

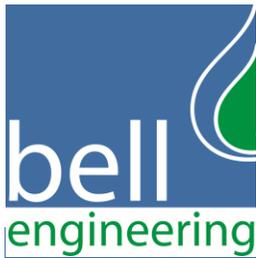
Bell Engineering provides the expertise needed to **plan, design and construct roadway and transportation networks** as either standalone projects or as an integrated part of a larger concept. From the **design of the first concrete streets in Lexington in the 1920's** to the use of pervious pavement in today's design, Bell continues to implement state-of-the-art street and roadway construction techniques.

**The following project matrix outlines select roadway, corridor & intersection projects.**

Project Name/Client		Description	Services Provided	Project Team			
				Robert L. Pickernill, PE	Joshua T. Karrick, PLA, ASLA, AICP	James K. Roberts, PE, PLS	Rick Harper, PE, LEED AP
 <p><b>Harrodsburg Road Corridor Study*</b>  <b>LFUCG</b>  <b>Completed: 2009</b>  <b>Construction Cost: N/A</b></p>	<p>This project included planning efforts for the creation of a corridor plan for a 6.7 mile section of Harrodsburg Road from Main Street to Military Pike. The project focused on developing standards and recommendations for landscaping, rain gardens, vegetative swales, sidewalks, bike lanes, bus stops, signage and places for public art. The planning process included the formation of an advisory committee and public meetings to foster input and support for the project.</p>	<ul style="list-style-type: none"> <li>• Planning</li> </ul>		✓			
 <p><b>UK/Nicholasville Road Flood Mitigation Project</b>  <b>University of Kentucky</b>  <b>Completed: Construction Spring 2014</b>  <b>Estimated Construction Cost: \$12,000,000</b></p>	<p>This project includes a number of water quantity and quality control measures to be implemented in the Nicholasville Road area adjacent to Commonwealth Stadium. Pervious pavement and ground detention are proposed in the Blue Lot for stormwater detention, a variety of utility relocations along Shawneetown Drive and Alumni Drive will take place, <b>Shawneetown Drive will be permanently removed</b> and upgrades will be made at the upstream side of the culvert on Nicholasville Road. The project is incorporating the <b>realignment of Alumni Drive and possible additions of two roundabouts</b>. When completed, the project is expected to serve a dual purpose as a <b>passive park</b> with a 900 ft. shared-use asphalt trail and two viewing areas overlooking the relocated stream while including concealed stormwater management attributes that will not be easily discernible.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓	✓	✓	✓	
 <p><b>University Drive Bike Lanes</b>  <b>University of Kentucky</b>  <b>Completed: 2013</b>  <b>Construction Cost: \$115,680</b></p>	<p>This project involved the widening of approximately 700 linear foot of University Drive from the Alumni Drive intersection towards Cooper Drive to install <b>6 foot wide bike lanes</b>. The project is significant because it connects three previously disconnected sections of the campus bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓	✓	✓	✓	
 <p><b>6th Street TEA-21</b>  <b>City of Hopkinsville</b>  <b>Completed: 2010</b>  <b>Construction Cost: \$299,267</b></p>	<p>This project included reconstruction of Hopkinsville's 6th Street. Overhead utilities were converted to underground and a new decorative intersection was designed at 6th and Main Street. The 6th Street <b>sidewalk was replaced in several locations</b> and new street lighting was installed. In order to preserve the historic street bricks, they were removed and reused at the courthouse. Traffic flow on 6th Street was also reversed to enhance views of the courthouse and significant drainage improvements were made throughout the project area.</p> <p>The project was funded through the Kentucky Transportation Cabinet's TEA-21 grant program. Bell worked closely with staff at the Kentucky Transportation Cabinet during design, permitting and construction.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>		✓	✓		
 <p><b>Cigar Lane*</b>  <b>Kentucky Horse Park</b>  <b>Completed: 2009</b>  <b>Budget: \$2,300,000</b></p>	<p>This project included Phase I and II <b>roadway design for improvements to a 1-mile long section of Cigar Lane</b> in preparation for the 2010 FEI World Equestrian Games. The <b>roadway provided improved safety and access</b> to the new indoor arena through widening Cigar Lane to a three-lane urban section consisting of two 12-foot lanes with one 12-foot center turn lane. Special care was taken to preserve mature sycamore trees within the project area. Also included was a one-lane roundabout at the park entrance with an interior green.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> </ul>		✓			

\*Projects completed by Mr. Karrick prior to joining the Bell Engineering team.

Project Name/Client	Description	Services Provided	Project Team			
			Robert L. Pickenill, PE	Joshua T. Karrick, PLA, ASLA, AICP	James K. Roberts, PE, PLS	Rick Harper, PE, LEED AP
 <p><b>MSU Drive Extension</b> City of Hopkinsville <i>Completed:</i> 2014 <i>Construction Cost:</i> \$513,830</p>	<p>This project consisted of the design of a <b>1000 foot road extension for commercial development</b>. The City of Hopkinsville received funding through The State of Kentucky and the project was designed to KTDOH standards. Included in the design was a secondary entrance to the James Bruce Conference Center. The <b>project included roadway, curb and gutter, turning lanes, sidewalks and drainage</b>. The project area had a large stormwater flow to design around. The drainage included large concrete ditches and large diameter piping.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓			✓
 <p><b>Pyle Lane Curve Realignment</b> City of Hopkinsville <i>Completed:</i> 2007 <i>Construction Cost:</i> \$140,000</p>	<p>This project included the reconstruction and realignment of a collector road in the City of Hopkinsville. The curve had a history of accidents including fatalities. <b>Roadway was realigned within the right of way</b>. The culvert was extended and ditch lines were relocated. A super elevation was also added into the alignment.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓			
 <p><b>Quintin Court Widening</b> City of Hopkinsville <i>Completed:</i> 2012 <i>Construction Cost:</i> \$147,050</p>	<p>This project consisted of <b>constructing an additional 6' width</b> on each side of Quintin Court in the industrial park in order to <b>widen approximately 1000 lf of roadway from 2 lanes to 3 lanes</b>. The project also included drainage. Continuous truck traffic was maintained through the site, as was required by the adjacent mill. Coordination with existing utilities was required for lighting and relocation of a water main.</p>	<ul style="list-style-type: none"> <li>• Survey</li> <li>• Design</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓			
 <p><b>Country Club Lane Extension</b> City of Hopkinsville <i>Completed:</i> Summer 2014 <i>Construction Cost:</i> \$180,650</p>	<p>This project consisted of <b>550 LF extension of Country Club Lane (KY 380)</b> in Hopkinsville. Beginning at Ft Campbell Blvd (US 41A), the road will be extended through the commercial area to East 21st Street. Right of Way was acquired from two adjacent commercial businesses and the road will be dedicated, as the area is currently used as access to the businesses and is not sufficient as a roadway. Drainage improvements are included, with the addition of drop box inlets, a storm sewer junction box, headwall, and drain piping. Curb and gutter will be added and a barrier median will improve driver safety at the intersection with US 41A. <b>Permitting through KYTC was required because it is an intersection of State and Federal highways</b>. Utility relocation was coordinated through Bell, as all aerial utilities were moved because of conflicts with the proposed roadway.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓			✓
 <p><b>Sheffield Downs Subdivision</b> City of Hopkinsville <i>Completed:</i> In Design <i>Construction Cost:</i> TBD</p>	<p>This project consists of development plans for the addition of a residential subdivision in Hopkinsville. The subdivision includes single family housing on various sized lots, as well as multi-family housing, which is to be added during a later phase. <b>The project will be constructed in phases, with roadway</b> and utilities being extended as the work progresses. Each phase includes roadway and drainage design; water, sewer, and storm drainage design; and master planning for consideration of future phases. Several sinkholes are found throughout the property, and they are being stabilized and protected as the project progresses.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓			✓



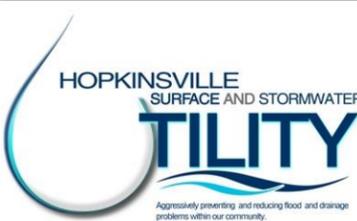
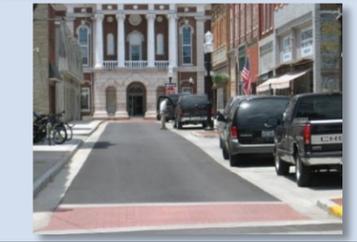
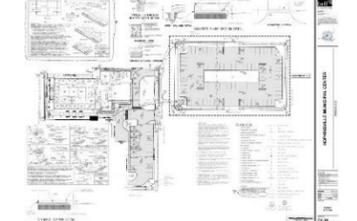
Contract 3: Construction Drawings Review

Bell Engineering is qualified to perform services under **Contract 3: Construction Drawings Review** because every project completed at Bell includes **review of construction drawings for accuracy and compliance with applicable manuals, ordinances and regulations**. We are further qualified to provide services on this contract because we are **familiar with LFUCG’s requirements** through work on a variety of pump station, stormwater and other projects we are working on or have recently completed for LFUCG. The following table includes a list of clients and projects with contact information.

Client/Project Name	Contact Information
<b>LFUCG</b> - Blue Sky Pump Station & Force Main - Griffin Gate Pump Station - Wolf Run Sewer Rehab - Cardinal Lane Stormwater Improvements - Cephass Way Flume Repair Project	<b>Contact Name:</b> Steve Farmer, PE <b>Title:</b> Project Manager <b>Phone:</b> 859/425-2404 <b>Email:</b> sfarmer@lexingtonky.gov
<b>University of Kentucky</b> - UK/Nicholasville Road Flood Mitigation Project - UK South Campus Parking Lot - University Drive Bike Lanes Project - Arboretum Bike Trail Project	<b>Contact Name:</b> Keith Ingram <b>Title:</b> Project Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> kingram@email.uky.edu
<b>Winchester, Kentucky</b> - Raw Water Intake & Transmission Main Project	<b>Contact Name:</b> Mike Flynn <b>Title:</b> General Manager <b>Phone:</b> 859/744-5434 <b>Email:</b> mike@wmutilities.com
<b>Somerset, Kentucky</b> - Somerset Water Treatment Plant Upgrade - Somerset Raw Water Intake - Stigall Drive Pump Station - Midtown Sanitary Sewer Upgrade	<b>Contact Name:</b> Charles Dick <b>Title:</b> General Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> cdick@cityofsomerset.com
<b>Richmond, Kentucky</b> - Robert R. Martin Bypass Water Main Extension - Side Storage Tanks Project - College Hill Water Treatment Plant Upgrade	<b>Contact Name:</b> Scott Althausser <b>Title:</b> General Manager <b>Phone:</b> 859/623-2323 <b>Email:</b> salthausser@richmondutilities.com
<b>Danville, Kentucky</b> - Phylben Village Sanitary Sewer Project - Balls Branch Pump Station - York Lane Pump Station	<b>Contact Name:</b> Earl Coffey <b>Title:</b> City Engineer <b>Phone:</b> 859/238-1200 <b>Email:</b> ecoffey@danvilleky.org
<b>Hopkinsville, Kentucky</b> - MSU Drive Extension - Pyle Lane Curve Realignment - 6 <sup>th</sup> Street TEA-21 - North Drive Safe Routes to School - Hopkinsville Municipal Building - Stormwater Management Plan Review	<b>Contact Name:</b> Steven R. Bourne <b>Title:</b> Director <b>Phone:</b> 270/887-4285 <b>Email:</b> sbourne@comdev-services.com

The following project matrix outlines select projects for which our staff has performed or will complete review of construction drawings.

Project Name/Client	Description	Services Provided	Project Team				
			James K. Roberts, PE, PLS	Robert L. Pickerill, PE	Stephen H. Caudill, PE	Joshua T. Karrick, PLA, ASLA, AICP	David M. Howell, PE
 <p><b>Blue Sky Pump Station &amp; Force Main</b> LFUCG <i>Completed:</i> In Construction <i>Estimated Construction Cost:</i> \$1,600,000</p>	<p>This project included identification of three alternatives to serve the Blue Sky RAC. The first alternative was to serve the existing Blue Sky &amp; Booneboro Manor WWTP flows only. The second alternative includes the existing flows at both WWTPs and underdeveloped and vacant land within the Blue Sky RAC. The third alternative would include all of the flows from the second alternative, however, the Booneboro Manor flows would be conveyed back to the Blue Sky Pump Station via a new gravity sewer.</p> <p>Bell Engineering worked with LFUCG to determine which alternative best suited LFUCG's needs and it was determined that an <b>800 gpm pump station at the Blue Sky WWTP site and a 10-inch force main</b> would be built to accommodate the existing flows at the Booneboro Manor WWTP and currently zoned properties.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓		✓		
 <p><b>Griffin Gate Pump Station Replacement</b> LFUCG <i>Completed:</i> 2011 <i>Construction Cost:</i> \$175,000</p>	<p>The Lexington Fayette Urban County Government (LFUCG) entered into a Federal Consent Decree that identified sanitary sewer overflows and developed capital improvements that will alleviate future overflows of sanitary sewage into the waters of the Commonwealth.</p> <p>One of the projects identified in the Consent Decree was the <b>replacement of a sanitary sewer pump station on Newtown Pike that has a history of overflowing sewage during high rain events</b>. This project involved the construction of dual pre-cast concrete wetwells with one submersible pump in each wetwell. The <b>capacity of the lift station was increased from 80 gallons per minute (gpm) to 150 gpm</b>. Once the lift station was installed, the existing lift station was demolished below grade and abandoned.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓				
 <p><b>Cardinal Lane Stormwater Improvements</b> LFUCG <i>Completed:</i> Fall 2014 <i>Construction Cost:</i> TBD</p>	<p>Bell Engineering evaluated and is currently implementing a design solution for mitigation of street flooding and erosion through stormwater infrastructure improvements in the Cardinal Lane Area. The project will include installation of new curb inlets and drainage piping at the intersection of Laramie Drive and Tulsa Drive. Improvements will also be constructed along an existing drainage ditch through regrading and the installation of a concrete trickle channel. The final improvement will include streambank stabilization through the installation of a modular retaining wall system near Sheridan Drive.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>		✓	✓	✓	✓
 <p><b>Cephas Way Flume Repair Project</b> LFUCG <i>Completed:</i> Fall 2014 <i>Construction Cost:</i> TBD</p>	<p>Bell Engineering is currently implementing a design solution for the mitigation of erosion along an existing concrete flume near Cephas Way. The project will evaluate three alternatives for the repair work. Bell will work with LFUCG to develop the preferred option.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>		✓	✓	✓	✓
 <p><b>UK/Nicholasville Road Flood Mitigation Project</b> University of Kentucky <i>Completed:</i> Construction Spring 2014 <i>Estimated Construction Cost:</i> \$12,000,000</p>	<p>This project includes a number of water quantity and quality control measures to be implemented in the Nicholasville Road area adjacent to Commonwealth Stadium. Pervious pavement and ground detention are proposed in the Blue Lot for stormwater detention, a variety of utility relocations along Shawneetown Drive and Alumni Drive will take place, Shawneetown Drive will be permanently removed and upgrades will be made at the upstream side of the culvert on Nicholasville Road. When completed, the project is expected to serve a dual purpose as a <b>passive park with a 900 ft. shared-use asphalt trail</b> and two viewing areas overlooking the relocated stream while including concealed stormwater management attributes that will not be easily discernible.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓	✓	✓	✓	
 <p><b>University Drive Bike Lanes</b> University of Kentucky <i>Completed:</i> 2013 <i>Construction Cost:</i> \$115,680</p>	<p>The project involved the widening of approximately 700 linear foot of University Drive from the Alumni Drive intersection towards Cooper Drive to install <b>6 foot wide bike lanes</b>. The project is significant because it connects three previously disconnected sections of the campus bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> </ul>		✓		✓	

Project Name/Client	Description	Services Provided	Project Team				
			James K. Roberts, PE, PLS	Robert L. Pickerill, PE	Stephen H. Caudill, PE	Joshua T. Karrick, PLA, ASLA, AICP	David M. Howell, PE
 <p><b>Winchester Raw Water Intake &amp; Pump Station</b>                      City of Winchester                      Completed: 2015                      Estimated Construction Cost: \$11,075,000</p>	<p>This project includes the evaluation of WMU's existing raw and finished water transmission mains and raw water intake as well as design and construction of recommended improvements. Bell Engineering completed a technical memorandum that evaluated the capacity of the existing system and recommended the following improvements: installation of approximately 12,000 lf of raw water transmission main along with 38,000 lf of finished water transmission main. The project will also include the installation of new pumps at the raw water intake structure to bring the capacity of the conveyance system to 14.2 mgd.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓		✓		
 <p><b>Somerset Water Treatment Plant</b>                      City of Somerset                      Completed: Under Construction                      Estimated Construction Cost: \$20,500,000</p>	<p>Bell has worked with the Somerset system for approximately 60 years and has completed a variety of upgrades at the WTP including an upgrade from 4.5 mgd to 6 mgd conventional and 6 mgd conventional to 10 mgd combined conventional/super pulsator. This project includes an expansion which will increase the capacity from 10 mgd to 16 mgd utilizing membrane filtration, with the ability to upgrade to 20 mgd in the future. All upgrades have taken place on the existing site.</p> <p>Bell began working with the City to develop this project in 2006. This project was funded by a \$20 million RD grant and loan package and is currently the largest American Recovery Reinvestment Act (ARRA) water project in the United States. The project was bid in August 2011 and construction began in November 2011.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓			✓	✓
 <p><b>Midtown Sanitary Sewer Upgrade</b>                      City of Somerset                      Construction to Begin: 2014                      Estimated Construction Cost: \$3,000,000</p>	<p>This project is designed to <b>replace approximately 12,400 L.F. of trunk sewer</b> and includes installation of VFD's at the Sinking Creek Wastewater Treatment Plant. The project area has experienced significant growth during the past 10 years and as a result, the sanitary sewer system is overloaded. Additionally, the system has significant inflow and infiltration. During the May 1, 2010 flood, several residential and commercial customers were damaged as a result of sewage overflows.</p> <p>A total of <b>12,400 L.F. of trunk sewer, consisting of 15-, 18-, 21- and 24-inch diameter vitrified clay and ductile iron pipe</b> will be replaced with <b>24- and 30-inch diameter PVC and ductile iron pipe</b>. The project involves challenges such as concrete piers to bridge water ways and 110 feet of 42-inch bore and 275 feet of 36-inch bore. These bores will be under the Norfolk Southern Rail Road. Design of the project is 100 percent complete.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>	✓				
 <p><b>Stormwater Management Plan Review</b>                      City of Hopkinsville                      Completed: Ongoing                      Construction Cost: N/A</p>	<p>Bell Engineering provides <b>ongoing technical review of stormwater management plans</b> submitted for approval to the City Planning Commission. This includes checking the <b>hydrologic and hydraulic design computations</b> of the submittal for conformance with the flood/stormwater control features in accordance with the "Stormwater Management and Control Ordinance #14-79 for the City of Hopkinsville, Kentucky. Bell has also provided technical assistance in <b>developing new ordinances, stormwater credit guidelines, connection permits and grading permits</b>. To date, Bell has reviewed approximately 400 stormwater management plans for the Planning Commission and the Surface and Stormwater Utility.</p>	<ul style="list-style-type: none"> <li>• Construction Drawing Review</li> </ul>		✓			
 <p><b>6th Street TEA-21</b>                      City of Hopkinsville                      Completed: 2010                      Construction Cost: \$299,267</p>	<p>This project included reconstruction of Hopkinsville's 6th Street. Overhead utilities were converted to underground and a new decorative intersection was designed at 6th and Main Street. The 6th Street <b>sidewalk was replaced in several locations</b> and new street lighting was installed. In order to preserve the historic street bricks, they were removed and reused at the courthouse. Traffic flow on 6th Street was also reversed to enhance views of the courthouse and significant drainage improvements were made throughout the project area.</p> <p>The project was funded through the Kentucky Transportation Cabinet's TEA-21 grant program. Bell worked closely with staff at the Kentucky Transportation Cabinet during design, permitting and construction.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> </ul>		✓			✓
 <p><b>Hopkinsville Municipal Building</b>                      City of Hopkinsville                      Completed: 2014                      Construction Cost: \$6,030,300</p>	<p>This project involves the site/civil design for the new Hopkinsville Municipal Center as a sub to ESA Associates including site grading, sidewalks and parking lots. A portion of the project is the demolition and reconstruction of an existing 24 stall parking lot and addition of driving lanes to access the new drive up windows. The project also included the demolition of several buildings for construction of a new 98 stall parking lot with associated drainage, lighting and landscaping areas. The parking lots are currently being utilized as construction laydown areas and the final construction of these lots will begin in Spring 2014.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Construction Drawing Review</li> </ul>		✓		✓	✓



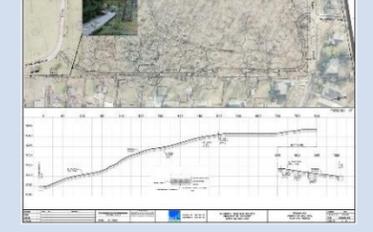
Contract 5: Pedestrian, Bike & Trail Design/Planning

Bell Engineering is **KYTC prequalified in bikeway planning** and we are **currently involved in a number of TEA-21, Safe Routes to School and bike and trail projects**; making our team qualified to provide these services to LFUCG. Our staff includes a certified planner with **more than 30 miles of trail planning and design experience** along with other sidewalk and pedestrian travel projects similar to those that will be awarded through **Contract 3: Pedestrian, Bike & Trail Design/Planning**. The following table includes a list of clients and projects with contact information.

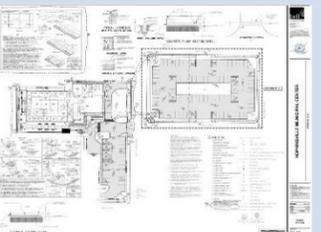
Client/Project Name	Contact Information
<b>LFUCG</b> - Town Branch Trail Sections 3 & 4 Master Plan* - R.J. Corman Versailles Line – Rail-With-Trail Study* - South Elkhorn Trail – Section 3* - West Hickman Trail Project* - Gainesway Pond Restoration & Trail Project* - Veteran’s Park Mountain Bike Trail* - Harrodsburg Road Master Plan* - South Limestone Multimodal Transportation Study* - Lexington Distillery District Master Plan*	<b>Contact Name:</b> Keith Lovan, PE <b>Title:</b> Project Manager <b>Phone:</b> 859/258-3478 <b>Email:</b> klovan@lexingtonky.gov
<b>University of Kentucky</b> - UK/Nicholasville Road Flood Mitigation Project - University Drive Bike Lanes Project - Arboretum Bike Trail Project	<b>Contact Name:</b> Keith Ingram <b>Title:</b> Project Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> kingram@email.uky.edu
<b>Hopkinsville, Kentucky</b> - 6 <sup>th</sup> Street TEA-21 - TEA-21 FY 2004 - North Drive Safe Routes to School - Safe Routes to School - Hopkinsville Municipal Building	<b>Contact Name:</b> Steven R. Bourne <b>Title:</b> Director <b>Phone:</b> 270/887-4285 <b>Email:</b> sbourne@comdev-services.com
<b>Greensburg, Kentucky</b> - Greensburg Greenway Belt Project	<b>Contact Name:</b> Lisle Cheatham <b>Title:</b> Mayor <b>Phone:</b> 270/932-4298 <b>Email:</b> mayor@greensburgonline.com
<b>Russell, Kentucky</b> - Russell Safe Routes to School Project	<b>Contact Name:</b> William Hopkins <b>Title:</b> Mayor <b>Phone:</b> 606/836-9666 <b>Email:</b> russelljec@aol.com
<b>Hartford, Kentucky</b> - Hartford TEA-21 Project - Hartford Safe Routes to School Project	<b>Contact Name:</b> Charlotte Hendricks <b>Title:</b> Mayor <b>Phone:</b> 270/298-3612 <b>Email:</b> mayorch@bellsouth.net
<b>Uniontown, Kentucky</b> - Uniontown Safe Routes to School	<b>Contact Name:</b> Jennifer Buckman <b>Title:</b> City Clerk <b>Phone:</b> 270/822-4277 <b>Email:</b> utownclerk@gmail.com

\*Projects completed by Mr. Karrick prior to joining the Bell Engineering team.

The following project matrix outlines select pedestrian, bike and trail projects.

Project Name/Client	Description	Services Provided	Project Team			
			Joshua T. Karrick, PLA, ASLA, AICP	Robert L. Pickerill, PE	James K. Roberts, PE, PLS	Rick Harper, PE, LEED AP
 <p><b>South Elkhorn Trail – Section 3*</b>                      LFUCG                      Completed: 2009                      Budget: \$450,000</p>	<p>This project included the preparation of construction plans and specifications for a <b>.5-mile multi-use trail</b> from Shillito Park to just south of the Man-of-War right-of-way. The trail paralleled the Norfolk Southern Railroad and crossed under Man-of-War Boulevard creating a rail-with-trail cross section.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Preliminary Design</li> </ul>	✓			
 <p><b>West Hickman Trail Project*</b>                      LFUCG                      Completed: 2009                      Budget: \$450,000</p>	<p>This project connected Veterans Park and Veterans Park Elementary School to an existing on-street bikeway system and included enhancement of bicycle and pedestrian circulation, links to surrounding neighborhoods and a <b>.75-mile multi-use greenway trail</b> with two pedestrian bridges. The project was a component of the Lexington Greenway Master Plan and connected to the University of Kentucky campus.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> </ul>	✓			
 <p><b>Gainesway Pond Restoration &amp; Trail Project*</b>                      LFUCG                      Completed: 2009                      Budget: \$1,200,000</p>	<p>This project included the restoration of the Gainesway Pond through constructed wetlands, riparian buffer and vegetated swales along with educational trail project water quality BMP design, educational signage &amp; design and educational walking trail and boardwalk over the pond &amp; wetlands.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓			
 <p><b>UK/Nicholasville Road Flood Mitigation Project</b>                      University of Kentucky                      Completed: Construction Spring 2014                      Estimated Construction Cost: \$12,000,000</p>	<p>This project includes a number of water quantity and quality control measures to be implemented in the Nicholasville Road area adjacent to Commonwealth Stadium. Pervious pavement and ground detention are proposed in the Blue Lot for stormwater detention, a variety of utility relocations along Shawneetown Drive and Alumni Drive will take place, Shawneetown Drive will be permanently removed and upgrades will be made at the upstream side of the culvert on Nicholasville Road. When completed, the project is expected to serve a dual purpose as a <b>passive park</b> with a <b>900 ft. shared-use asphalt trail</b> and two viewing areas overlooking the relocated stream while including concealed stormwater management attributes that will not be easily discernible.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓	✓	✓	✓
 <p><b>University Drive Bike Lanes</b>                      University of Kentucky                      Completed: 2013                      Construction Cost: \$115,680</p>	<p>The project involved the widening of approximately 700 linear foot of University Drive from the Alumni Drive intersection towards Cooper Drive to install <b>6 foot wide bike lanes</b>. The project is significant because it connects three previously disconnected sections of the campus bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓	✓	✓	✓
 <p><b>UK Arboretum Trail</b>                      University of Kentucky                      Construction to Begin: 2014                      Estimated Construction Cost: \$150,000</p>	<p>The project involves constructing approximately <b>900 linear foot of bike trail</b> through the wooded section of the Arboretum. The project is significant because it connects the campus bikeway system to Lexington-Fayette Urban County Government's bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓	✓	✓	✓

\*Projects completed by Mr. Karrick prior to joining the Bell Engineering team.

Project Name/Client		Description	Services Provided	Project Team			
				Joshua T. Karrick, PLA, ASLA, AICP	Robert L. Pickerill, PE	James K. Roberts, PE, PLS	Rick Harper, PE, LEED AP
	<p><b>Greensburg Greenway Belt</b>                      City of Greensburg</p> <p><i>Construction to Begin: 2014</i>  <i>Construction Cost: \$92,000</i></p>	<p>The <b>Greensburg Greenway Belt will link the existing Green River Paddle Trail to Downtown Greensburg</b>. The Greenway Belt will encompass the City of Greensburg connecting neighborhoods, downtown Greensburg, Green County Public Schools and the city's business district. Eventually, the Greenway Belt will link to both the county park and the Greensburg Fitness Park to downtown.</p> <p>The City just received a Recreational Trails Grant and will begin construction on Phase 1 next year.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓			
	<p><b>6th Street TEA-21</b>                      City of Hopkinsville</p> <p><i>Completed: 2010</i>  <i>Construction Cost: \$299,267</i></p>	<p>This project included reconstruction of Hopkinsville's 6th Street. Overhead utilities were converted to underground and a new decorative intersection was designed at 6th and Main Street. The 6th Street <b>sidewalk was replaced in several locations</b> and new street lighting was installed. In order to preserve the historic street bricks, they were removed and reused at the courthouse. Traffic flow on 6th Street was also reversed to enhance views of the courthouse and significant drainage improvements were made throughout the project area.</p> <p>The project was funded through the Kentucky Transportation Cabinet's TEA-21 grant program. Bell worked closely with staff at the Kentucky Transportation Cabinet during design, permitting and construction.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>		✓	✓	
	<p><b>North Drive Safe Routes to School</b>                      City of Hopkinsville</p> <p><i>Completed: 2010</i>  <i>Construction Cost: \$170,961</i></p>	<p>The North Drive Safe Routes to School project covered <b>0.6 miles of new sidewalks on North Drive</b> in Hopkinsville, KY. Bell also evaluated and designed for correction to drainage issues along the adjacent ditch line. Other services included the development of conceptual budgets and surveying.</p> <p>The project was funded by the Kentucky Transportation Cabinet's Safe Routes to School grant program. All work during design and construction was closely coordinated with staff at the Kentucky Transportation Cabinet.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>		✓	✓	
	<p><b>Uniontown Safe Routes to School</b>                      City of Uniontown</p> <p><i>Completed: 2012</i>  <i>Construction Cost: \$79,468</i></p>	<p>The Uniontown Safe Routes to School project included the <b>replacement of approximately 2,800 L.F. of sidewalks</b> within the existing right-of-way in Uniontown, KY.</p> <p>The project was funded by the Kentucky Transportation Cabinet's Safe Routes to School grant program. All work during design and construction was closely coordinated with staff at the Kentucky Transportation Cabinet.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>	✓	✓	✓	
	<p><b>Hopkinsville Municipal Building</b>                      City of Hopkinsville</p> <p><i>Completed: 2014</i>  <i>Construction Cost: \$6,030,300</i></p>	<p>This project involves the site/civil design for the new Hopkinsville Municipal Center as a sub to ESA Associates including site grading, <b>sidewalks</b> and parking lots. A portion of the project is the demolition and reconstruction of an existing 24 stall parking lot and addition of driving lanes to access the new drive up windows. The project also included the demolition of several buildings for construction of a new 98 stall parking lot with associated drainage, lighting and landscaping areas. The parking lots are currently being utilized as construction laydown areas and the final construction of these lots will begin in Spring 2014.</p>	<ul style="list-style-type: none"> <li>• Design</li> <li>• Construction Drawing Review</li> </ul>	✓	✓	✓	✓
	<p><b>Hartford TEA-21</b>                      City of Hartford</p> <p><i>Completed: 2014</i>  <i>Construction Cost: \$106,861</i></p>	<p>This project involves the construction of approximately 3,000 LF of 4-foot wide concrete sidewalk replacement in the City of Hartford. Existing sidewalks were deteriorated throughout the project area. Also included in this project was the installation of 4 drop box inlets and 15 LF of storm drain in order to improve pedestrian safety and storm water management. Ramps were constructed at all crosswalks in order to provide accessibility for pedestrians with disabilities.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Field Surveying</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>	✓	✓		

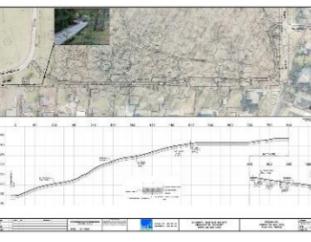
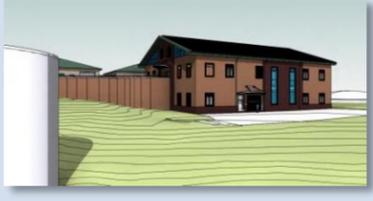


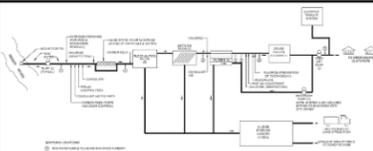
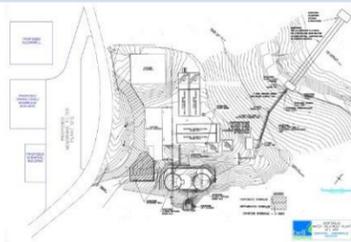
Contract 8: Construction Inspection

Bell Engineering’s **in-field experience with construction management and inspection** has honed our ability to **understand and anticipate common problems** that occur during construction making our team extremely qualified to perform services under **Contract 8: Construction Inspection**. By **providing both observation of the Contractor’s work** and **checking the materials being utilized**, Bell provides the Owner further protection against defects and deficiencies in the project. The following table includes a list of clients and projects with contact information.

Client/Project Name	Contact Information
<b>University of Kentucky</b> - UK/Nicholasville Road Flood Mitigation Project - UK South Campus Parking Lot - University Drive Bike Lanes Project - Arboretum Bike Trail Project	<b>Contact Name:</b> Keith Ingram <b>Title:</b> Project Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> kingram@email.uky.edu
<b>Somerset, Kentucky</b> - Somerset Water Treatment Plant Upgrade - Somerset Raw Water Intake - Stigall Drive Pump Station - Midtown Sanitary Sewer Upgrade	<b>Contact Name:</b> Charles Dick <b>Title:</b> General Manager <b>Phone:</b> 859/257-5911 ext. 237 <b>Email:</b> cdick@cityofsomerset.com
<b>Richmond, Kentucky</b> - Robert R. Martin Bypass Water Main Extension - Side Storage Tanks Project - College Hill Water Treatment Plant Upgrade	<b>Contact Name:</b> Scott Althausser <b>Title:</b> General Manager <b>Phone:</b> 859/623-2323 <b>Email:</b> salthausser@richmondutilities.com
<b>Danville, Kentucky</b> - Phylben Village Sanitary Sewer Project - Balls Branch Pump Station - York Lane Pump Station	<b>Contact Name:</b> Earl Coffey <b>Title:</b> City Engineer <b>Phone:</b> 859/238-1200 <b>Email:</b>
<b>Owingsville, Kentucky</b> - KY 111 and US 60 Sanitary Sewer Extension - Bath Co. Industrial Park Wastewater Treatment Plant	<b>Contact Name:</b> Gary Hunt <b>Title:</b> Mayor <b>Phone:</b> 606/674-6361 <b>Email:</b> owingsville@windstream.net
<b>Greensburg, Kentucky</b> - Greensburg Water Treatment Plant - Greensburg Wastewater Treatment Plant Upgrades - Trunk Sewer Rehabilitation	<b>Contact Name:</b> Lisle Cheatham <b>Title:</b> Mayor <b>Phone:</b> 270/932-4298 <b>Email:</b> mayor@greensburgonline.com
<b>Monticello, Kentucky</b> - Monticello Wastewater Treatment Plant - Monticello Water Treatment Plant	<b>Contact Name:</b> Jeffrey Edwards <b>Title:</b> Mayor <b>Phone:</b> 606/3485719 <b>Email:</b> jeffrey.edwards@monticelloky.com

The following project matrix outlines select projects for which our staff has or will perform construction inspection services.

Project Name/Client		Description	Services Provided	Project Team			
				Stephen H. Caucill, PE	E. Lee Lowe	Mike Gregory	Gary Staton
	<p><b>UK/Nicholasville Road Flood Mitigation Project</b></p> <p>University of Kentucky</p> <p><b>Completed:</b> Construction Spring 2014 <b>Estimated Construction Cost:</b> \$12,000,000</p>	<p>This project includes a number of water quantity and quality control measures to be implemented in the Nicholasville Road area adjacent to Commonwealth Stadium. Pervious pavement and ground detention are proposed in the Blue Lot for stormwater detention, a variety of utility relocations along Shawneetown Drive and Alumni Drive will take place, Shawneetown Drive will be permanently removed and upgrades will be made at the upstream side of the culvert on Nicholasville Road. When completed, the project is expected to serve a dual purpose as a <b>passive park with a 900 ft. shared-use asphalt trail</b> and two viewing areas overlooking the relocated stream while including concealed stormwater management attributes that will not be easily discernible.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Part-time Inspection</li> </ul>	✓	✓		
	<p><b>University Drive Bike Lanes</b></p> <p>University of Kentucky</p> <p><b>Completed:</b> 2013 <b>Construction Cost:</b> \$115,680</p>	<p>The project involved the widening of approximately 700 linear foot of University Drive from the Alumni Drive intersection towards Cooper Drive to install <b>6 foot wide bike lanes</b>. The project is significant because it connects three previously disconnected sections of the campus bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Part-time Inspection</li> </ul>	✓	✓		
	<p><b>UK Arboretum Trail</b></p> <p>University of Kentucky</p> <p><b>Construction to Begin:</b> 2014 <b>Estimated Construction Cost:</b> \$150,000</p>	<p>The project involves constructing approximately <b>900 linear foot of bike trail</b> through the wooded section of the Arboretum. The project is significant because it connects the campus bikeway system to Lexington-Fayette Urban County Government's bikeway system.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Part-time Inspection</li> </ul>	✓	✓		
	<p><b>Somerset Water Treatment Plant</b></p> <p>City of Somerset</p> <p><b>Completed:</b> Under Construction <b>Estimated Construction Cost:</b> \$20,500,000</p>	<p>Bell has worked with the Somerset system for approximately 60 years and has completed a variety of upgrades at the WTP including an upgrade from 4.5 mgd to 6 mgd conventional and 6 mgd conventional to 10 mgd combined conventional/super pulsator. This project includes an expansion which will increase the capacity from 10 mgd to 16 mgd utilizing membrane filtration, with the ability to upgrade to 20 mgd in the future. All upgrades have taken place on the existing site.</p> <p>Bell began working with the City to develop this project in 2006. This project was funded by a \$20 million RD grant and loan package and is currently the largest American Recovery Reinvestment Act (ARRA) water project in the United States. The project was bid in August 2011 and construction began in November 2011.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>		✓	✓	
	<p><b>Midtown Sanitary Sewer Upgrade</b></p> <p>City of Somerset</p> <p><b>Construction to Begin:</b> 2014 <b>Estimated Construction Cost:</b> \$3,000,000</p>	<p>This project is designed to <b>replace approximately 12,400 L.F. of trunk sewer</b> and includes installation of VFD's at the Sinking Creek Wastewater Treatment Plant. The project area has experienced significant growth during the past 10 years and as a result, the sanitary sewer system is overloaded. Additionally, the system has significant inflow and infiltration. During the May 1, 2010 flood, several residential and commercial customers were damaged as a result of sewage overflows.</p> <p>A total of <b>12,400 L.F. of trunk sewer, consisting of 15-, 18-, 21- and 24-inch diameter vitrified clay and ductile iron pipe</b> will be replaced with <b>24- and 30-inch diameter PVC and ductile iron pipe</b>. The project involves challenges such as concrete piers to bridge water ways and 110 feet of 42-inch bore and 275 feet of 36-inch bore. These bores will be under the Norfolk Southern Rail Road. Design of the project is 100 percent complete.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Construction Drawing Review</li> <li>• RPR</li> </ul>		✓	✓	
	<p><b>KY 111 &amp; US 60 Sanitary Sewer Project</b></p> <p>City of Owingsville</p> <p><b>Completed:</b> 2012 <b>Construction Cost:</b> \$1,407,315</p>	<p>The Kentucky 111 and US 60 Sanitary Sewer Project provides first time sanitary sewer service to 113 customers in Bath county. Due to the terrain, the project is a combination of a low pressure sewer system and gravity sewer system. The project required the construction of the following improvements: 2.2 miles of new 8-inch gravity sewer, 2.0 miles of 3- through 6-inch force main, 0.5 miles of 1-1/2-inch force main, <b>23 wastewater grinder pumping stations, one 100 gpm pump station and one 180 gpm pump station</b>.</p> <p>The as-bid portion of the project was completed for \$1,298,365 leaving \$108,950 in contingency funding. The City of Owingsville utilized these funds to expand the original project and was able to add 8 additional customers through additional sewer extensions.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>		✓		✓

Project Name/Client		Description	Services Provided	Project Team			
				Stephen H. Caucill, PE	E. Lee Lowe	Mike Gregory	Gary Staton
	<b>Stigall Drive Pump Station</b> City of Somerset Completed: 2012 Construction Cost: \$191,123	The total project consisted of 1,620 feet of 8-inch gravity sewer, 1,430 feet of 1 ½-inch force main and <b>one (1) 13 gallon per minute (gpm) grinder pumping station</b> for unserved residential and commercial customers within the Somerset city limits. This project eliminated failing septic systems.  The project was completed in March 2012 by Weddle Enterprises, Inc. of Somerset, Kentucky.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>			✓	
	<b>Phylben Village Sanitary Sewer Project</b> City of Danville Completed: 2011 Construction Cost: \$2,134,245	The Phylben Village Sanitary Sewer Project provides first time sanitary sewer service to approximately 170 customers in Boyle and Lincoln counties. As part of the project, the following improvements are being constructed: 3.5 miles of new 8-inch gravity sewer, 1.1 miles of new 6-inch force main and <b>one pump station</b> . A new magmeter vault was constructed to meter flow as it is pumped to the City of Danville wastewater system. The pump station received instrumentation and SCADA to provide monitoring and control of the station by operators at the Danville wastewater plant.  All change orders were owner requested to expand the project scope to include items originally eliminated due to budget constraints. Bell provided assistance with easement acquisition of 34 properties on this project.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>			✓	
	<b>Balls Branch Pump Station</b> City of Danville Completed: 2009 Construction Cost: \$539,687	This project included the construction of a <b>new quad-plex wastewater pumping station</b> for the City of Danville near the intersection of Wilderness Trail Road and Kentucky Hwy. 150. The pumping station serves all of Junction City and pumps sewage directly to the City of Danville wastewater treatment plant. The project included the construction of a new influent manhole with twin 18-inch sluice gates to split flow, dual wet wells, and <b>four (4) submersible pumps each rated at 900 gallons per minute (gpm) @ 70 feet TDH</b> . The project also included the construction of a monorail system for ease of pump removal, a backup generator to provide power during outages and a SCADA system to provide monitoring and control of the wastewater system by operators at the City of Danville wastewater treatment plant.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Resident Project Representation</li> </ul>	✓	✓	✓	
	<b>Greensburg Water Treatment Plant</b> City of Uniontown Completed: Under Construction Construction Cost: \$6,266,443	The City of Greensburg owns and operates the Greensburg Water Treatment Plant and Water Distribution System. The existing treatment facilities have reached the end of their useful life and renovation and expansion are not economically feasible. The scope of this project is to replace the existing 1.4 mgd water treatment plant with a new 2 mgd plant at a new location. Also included is the replacement of the existing raw water intake and pumping facility and construction of new high service transmission piping to connect the new water treatment plant with the existing distribution system. The new plant will utilize conventional treatment including static mixing, two stage flocculation and plate settlers. Design includes consideration for future expansion of both the plant and intake facilities.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> </ul>			✓	
	<b>Monticello Water Treatment Plant</b> City of Monticello Completed: Under Construction Construction Cost: \$8,770,000	This project is an expansion of the existing 3 mgd water treatment plant to 4.5 mgd plant on a site adjacent to the existing treatment facility. Portions of the existing facility will remain in operation and expansion will occur on the new site. The project will utilize membrane filtration. Raw Water pumps will be upgraded to support 6 mgd. A new 450,000 gallon clearwell will be constructed and a new 6,800 square foot operation building will be located on the new site. Bell Engineering conducted a pilot test of G.E., Siemens and PALL Membrane Filters on the same Lake Cumberland water source in 2010; therefore, piloting will not be necessary for this project.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>			✓	
	<b>Red River Wastewater Treatment Facility</b> Red River Wastewater Authority Completed: 2014 Construction Cost: \$10,043,656	This project includes the upgrade and expansion of the existing wastewater treatment plant from 0.460 million gallon per day (mgd) to 1.411 mgd. This new regional wastewater treatment facility will eliminate the need for the existing wastewater treatment plant and various structures, which will be decommissioned as a part of this project. Bell Engineering prepared the Preliminary Engineering Report confirming the design criteria from the facilities plan.  A wastewater pumping station was designed to intercept all of Clay City's wastewater and direct that flow to the new regional facility. A new force main consisting of 27,000 L.F. of 12-inch diameter pipe will be constructed from the new Clay City wastewater pump station to the regional facility. This project will also include upgrading the Judy Creek pump station, which intercepts the majority of the wastewater flow in Stanton, and will pump wastewater from the upgraded pump station to the regional facility through an existing 12-inch diameter force main.	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Funding Assistance</li> <li>• Design</li> <li>• Permitting</li> <li>• Bidding</li> <li>• Construction Administration</li> <li>• Resident Project Representation</li> </ul>			✓	✓

**Attachment 1**

**Project Team Location(s)**

Prime Consultant	Location (City, State)	Date Office Established	Total Number of Employees	No. of Employees expected to work on DOE projects
Headquarters	2480 Fortune Drive, Suite 350 Lexington, KY 40509	1914	43	14
Local Office				
PM Location	Lexington, KY			
<b>Subconsultants Name:</b>	Abbie Jones Consulting			
Service Provided	Surveying			
Headquarters	1022 Fontaine Road Lexington, KY 40502	2011	4	4
Local Office				
Name:				
Service Provided				
Headquarters				
Local Office				
Name:				
Service Provided				
Headquarters				
Local Office				

**Notes:**

1. "Headquarters" refers to the corporate office that provides project support to the local office, if applicable. If support comes from multiple locations, use the blank spaces in the form to provide relevant information.
2. Listing of sub-consultants is optional and should only be provided if the prime consultant considers the sub-consultant(s) services to be essential to meeting the required qualifications. In this event, documentation from the sub-consultant(s) shall be submitted in the SOQ that provides a commitment to be a part of the prime consultant's team in providing the stated services. In such cases, for the purpose of evaluating the proposals, committed sub-consultants will be considered to be part of the prime consultant's workforce. Prime consultants face potential disqualification from future work if DOE finds that the identified sub-consultants are not being utilized to deliver assigned work products.



Bell Engineering is committed to meeting or exceeding the Lexington-Fayette Urban County Government's (LFUCG) goal that not less than ten percent of the total value of work conducted on projects our team is selected for be performed by certified DBE's. As a local firm, Bell values the effort placed on supporting local businesses and DBE's. We appreciate opportunities to create a 100% local team and support minority and women owned businesses.

Bell keeps LFUCG's list of certified DBE firms on file and refers to the list to contact DBE firms for project opportunities. Additionally, staff attend minority business events to network with DBE owners and employees. We have developed relationships with several DBE firms in Lexington and are frequently in contact regarding teaming opportunities.

Bell currently utilizes DBE's on several projects including:

**Abbie Jones Consulting**

- UK/Nicholasville Road Stormwater Project; University of Kentucky
- Cardinal Lane Stormwater Improvements Project; LFUCG
- Cephas Way Flume Repair Project; LFUCG

**Vision Engineering**

- Blue Sky Pump Station & Force Main Project; LFUCG

Please see Appendix A for the completed LFUCG MBE/WBE Participation Form.



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## AFFIDAVIT

Comes the Affiant, James K. Roberts, P.E., PLS, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is James K. Roberts, P.E., PLS and he/she is the individual submitting the proposal or is the authorized representative of Bell Engineering, the entity submitting the proposal (hereinafter referred to as "Proposer").

2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the proposal is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.

3. Proposer will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.

4. Proposer has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.

5. Proposer has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Proposer will not violate any provision of the campaign finance laws of the Commonwealth.

6. Proposer has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

**Continued on next page**

7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught.

James K. Roberts, PE, PLS  
Exec. VP, Boll Engineering

STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me by James K. Roberts, P.E., PLS on this the 26 day of March, 2014.

My Commission expires: Oct. 14, 2017

David Ball  
NOTARY PUBLIC, STATE AT LARGE

Firm Submitting Proposal: Bell Engineering

Complete Address: 2480 Fortune Drive, Suite 350, Lexington, KY 40509  
Street City Zip

Contact Name: Megan Kendall Title: Director of Marketing

Telephone Number: 859/278-5412 Fax Number: 859/278-2911

Email address: mkendall@hkbell.com

**EQUAL OPPORTUNITY AGREEMENT**

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

*The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.*

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

*The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

\*\*\*\*\*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.*

*Jimmie Roberts, PE, PLS*  
Signature

Bell Engineering  
Name of Business

**AFFIRMATIVE ACTION PLAN FOR  
EQUAL EMPLOYMENT OPPORTUNITY AT  
BELL ENGINEERING**

1. Policy

It is the policy of this firm to provide equal employment opportunity to all persons without regard to their race, color, religion, sex, age, veteran status, handicap, or national origin, and to promote the full realization of equal employment opportunity through a positive continuing program. The firm will assure that applicants are recruited and hired, and that employees are treated without regard to their race, color, religion, sex, age, veteran status, handicap, or national origin. Equal opportunity and equal consideration will be afforded to all applicants and employees in personnel actions which include recruiting and hiring, selection for training, promotion, fixing rates of pay or other compensation, transfer and layoff or termination. It is our intention, in the implementation of this policy, to provide full employment opportunities for members of minority groups. Furthermore, it is our policy to coordinate the affirmative action program directed at seeking personnel from minority groups for employment with the firm and to provide encouragement and direction to our staff to advance within the limits of each individual's capabilities.

2. Dissemination of Policy

Our equal employment opportunity is and will be communicated to all relevant audiences within and outside the firm. These include non-discrimination policy statements in our personnel manuals and memoranda, and employee information literature; posting of EEO posters on bulletin boards; periodic written and oral statements of policy from the firm to its management staff; discussion of policy and affirmative action plans in management meetings and development sessions; recruiting practices that will provide equal opportunity to all persons possessing requisite skills seeking employment with this firm.

3. Responsibility for Implementation of Policy

A firm officer will be responsible for the implementation of our affirmative action policy and will direct our equal employment opportunity program. His responsibilities will include: (1) developing policy statements, affirmative action programs, internal and external communication techniques; (2) assisting in the identification of problem areas; (3) assisting project engineers and project managers in arriving at solutions to problems; (4) designing and implementing audit and report systems that will measure the effectiveness of the program, indicate a need for remedial action, and determine the degree to which the goals and objectives of the firm's progress have been attained; (5) serving as liaison between the firm and enforcement agencies, minority organizations and community action groups; (6) keeping the management informed of the latest developments in the entire equal employment opportunity area.

4. Analysis of Firm Employment

The attached Table 1 provides a breakdown of total employment into job categories based on position description having equivalent pay grades. Also, the table contains minority and women employment per job category, overall percentage within our recruiting area, and the percentage of those possessing the necessary employment skills. Our recruiting area for engineers is nationwide while that for designers/planners, engineering technicians, inspectors, draftspersons, and economists is mostly state-wide. Beginning inspectors, draftspersons, administrative assistants and secretaries are recruited within the Standard Metropolitan Statistical Area.

In analyzing our utilization in each job category, we have arrived at the following conclusions:

- a. Job Category: Consultant  
Discussion: Consultants are long-term employees, presently retired from full-time service but still working part-time, providing a special expertise to the firm.  
Conclusion: This is not an under-utilization area. In furthering our equal employment opportunity policy, we will continue to encourage and promote full opportunity to minority and women employees with the requisite skill and tenure to advance to this position.
- b. Job Category: Principal  
Discussion: Principals are the owners of the firm. Openings for these positions are created only through action of the Board of Directors. All principals own stock in the firm and any new principal will have to purchase available stock.  
Conclusion: Because openings in this category are extremely limited, the establishment of specific goals cannot realistically be accomplished. In furthering our equal employment opportunity policy, we will encourage and promote full opportunity for minority and women employees with the requisite skill and tenure to advance to this position.
- c. Job Category: Engineer  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 5.3 percent of the experienced work force.  
Conclusion: This is not an under-utilization area. However, in furthering our equal employment opportunity policy, we will encourage and promote full opportunity for minority and women employees with the requisite skills and education.
- d. Job Category: Architect  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 5.3 percent of the experienced work force.  
Conclusion: This is not an under-utilization area. However, in furthering our equal employment opportunity policy, we will encourage and promote full opportunity for minority and women employees with the requisite skills and education.
- e. Job Category: Designer/Planner  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force.  
Conclusion: When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills and education.
- f. Job Category: Engineering Technician  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force.  
Conclusion: When an opening occurs we will encourage and promote full opportunity for minority and women employees with the requisite skills and education.
- g. Job Category: Inspector/Operations Specialist  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force.  
Conclusion: When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills to fill such positions.
- h. Job Category: Draftsperson  
Discussion: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 23.7 percent of the experienced work force.

Conclusion: When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills to fill such positions.

i. Job Category: Accountant/Economist

Discussion: Within the recruiting area, minorities and women possessing the requisite skills for this position represent approximately 49.1 percent of the experienced work force. When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills to fill such positions.

Conclusion: This is not an under-utilization area.

j. Job Category: Administrative Assistant

Discussion: Within the recruiting area minorities and women possessing the requisite skills for this category represent approximately 49.1 percent of the experienced work force. When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills to fill such positions.

Conclusion: This is not an under-utilization area.

k. Job Category: Secretary

Discussion: Within the recruiting area minorities and women possessing the requisite skills for this category represent approximately 98.9 percent of the experienced work force. When an opening occurs, we will encourage and promote full opportunity for minority and women employees with the requisite skills to fill such positions.

Conclusion: This is not an under-utilization area.

5. Goals and Timetables

Because of the current business climate, we do not anticipate an increase in our total number of employees in the next six to 12 months. During this time it is expected that new employees will be hired only to replace those employees who resign or leave for other reasons. Any immediate goals in terms of specific numbers will be on the conservative side if we expect to realistically attain these goals. The largest turn-over of employment is in the job categories of draftspersons and secretaries, so our maximum emphasis of recruiting minorities will be in these categories.

Although primarily dependent upon the work load and the needs to fill vacancies, the immediate goals of this firm are to increase minority and women employment in the job categories of engineering technician, inspector/operations specialist, draftsperson and secretary.

The firm will strive to fill any vacancies in a manner that will meet the goals set forth as follows:

<u>Position</u>	<u>New Minority Employees</u>	<u>Target Date</u>
Secretary	1	1 year
Engineering Technician	2	2 years
Inspector/Operations Spec.	1	1 year
Draftsperson	1	1 year

These goals, together with 16 present minority and women employees, project a total minority employment by our firm of 20, for approximately 21 percent at the end of one year, and 21 for approximately 22 percent by the end of two years.

At every six-month period our goals will be reevaluated in light of business conditions and the success of our recruiting efforts. Our long-range goal is to employ a percentage of minorities and women with requisite skills at least equal to the percentage of minorities within our recruiting area.

6. Development and Execution of Program

a. Recruiting

Our recruiting program will be conducted in a manner to ensure we are reaching minority and women prospects. At such times that openings may occur within our staff, we will place notices of employment in appropriate media readily available to all persons seeking employment.

b. Training

We have previously hired minorities from the local technical institute and plan to utilize this source in the future. It is our present policy to provide on-the-job training for new employees. This policy is and will continue to be applicable to minority and women employees. As employees progress, they will be promoted to a higher position of responsibility and compensation commensurate to their skills and contributions.

c. Personnel Actions

Personnel actions of every type including hiring, upgrading, promotion, transfer, demotion, layoff, and termination will be periodically reviewed to ensure the action was taken without bias. During meetings with supervisory personnel, their actions will be reviewed to ensure their support of the firm's equal employment policy.

d. Community Relations

Representatives of the firm will cooperate with the appropriate agencies and groups within the community in the further development of community acceptance and adoption of nondiscrimination practices in employment.

7. Audit Report and Evaluate

The firm has instituted an audit and reporting system which consists of the following:

a. Job Openings

A list of applicants will be kept for each job opening. An informal record solely for statistical purposes will be maintained to identify minority and women applicants where practical. If the minority and women applicant is not hired, the reason will be recorded.

b. Separation

A record of separation and the reason of separation will be maintained and minority and women group employees will be specifically identified. A thorough check will be made to ensure that discrimination did not enter the separation.

c. Promotions

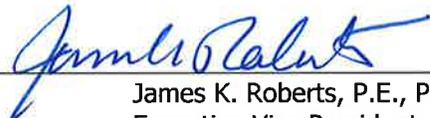
A record of promotions by employee name and category will be maintained with minority and women employees specifically identified. Again this information will be maintained solely for statistical purposes.

The firm member in charge will periodically review and evaluate the status of the affirmative action program, and will report at each meeting of the firm members and associates on the progress and success of our program.

8. Adoption of Policy

The Affirmative Action Plan for equal employment opportunity is hereby adopted the first day of January, 1997.

By   
Roy L. Bohon, II  
Secretary-Treasurer

By   
James K. Roberts, P.E., PLS  
Executive Vice President

Date March 21, 2014

**WORKFORCE ANALYSIS FORM**

---

Name of Organization: Bell EngineeringDate: 03 / 21 / 2014

Categories	Total	White		Latino		Black		Other		Total	
		M	F	M	F	M	F	M	F	M	F
Administrators	2	1	1							1	1
Professionals	14	13	1							13	1
Superintendents											
Supervisors	5	4	1							4	1
Foremen	9	9								9	
Technicians	8	6	2							6	2
Protective Service											
Para-Professionals	1	1								1	
Office/Clerical	4	2	2							2	2
Skilled Craft											
Service/Maintenance											
<b>Total:</b>	<b>43</b>	<b>36</b>	<b>7</b>							<b>36</b>	<b>7</b>

**Prepared By:** Megan Kendall, Director of Marketing**Name & Title**

**LFUCG MBE/WBE PARTICIPATION FORM**

Bid/RFP/Quote Reference # RFP #13-2014 Professional Engineering Services

The MBE/WBE subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately.

<b>MBE/WBE Company, Name, Address, Phone, Email</b>	<b>Work to be Performed</b>	<b>Total Dollar Value Of the Work</b>	<b>% Value of Total Contract</b>
1. Abbie Jones Consulting Abbie Jones, P.E. 1022 Fontaine Road Lexington, KY 40502 859/559-3443 abbie@abbie-jones.com	Surveying Services	N/A	At least 10%
2.			
3.			
4.			

The undersigned company representative submits the above list of MBE/WBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Bell Engineering  
Company

March 21, 2014  
Date

*James Calvert PE, PLS*  
By

Executive Vice President  
Title

## GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, *29 U.S.C. 650 et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the Respondent may include any

product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal.

10. **Ambiguity, Conflict or other Errors in RFP:** If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. **Agreement to Bid Terms:** In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. **Cancellation:** If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
  - (a) Failure to perform the contract according to its terms, conditions and specifications;
  - (b) Failure to make delivery within the time specified or according to a delivery schedule fixed by the contract;

- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
- (d) Failure to diligently advance the work under a contract for construction services;
- (e) The filing of a bankruptcy petition by or against the contractor; or
- (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

#### B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must be signed by a duly authorized officer, agent or employee of the Respondent.

16. **Governing Law:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. **Ability to Meet Obligations:** Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against the Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

James A. Palms, PE, PLS  
Signature

3/20/14  
Date



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/24/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Al Torstrick Insurance Agency Inc 343 Waller Avenue  Lexington KY 40504	<b>CONTACT NAME:</b> Stephanie Casey <b>PHONE (A/C No. Ext):</b> (859)233-1461 <b>E-MAIL ADDRESS:</b> scasey@altorstrick.com		<b>FAX (A/C, No):</b> (859)281-9450
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> HK Bell Consulting Engineers Inc., DBA: Bell 2480 Fortune Dr, Ste 350  Lexington KY 40509	<b>INSURER A:</b> Netherlands		<b>24171</b>
	<b>INSURER B:</b> Torus National		
	<b>INSURER C:</b> Indiana Insurance Company		<b>22659</b>
	<b>INSURER D:</b>		
	<b>INSURER E:</b>		
<b>INSURER F:</b>			

**COVERAGES**

CERTIFICATE NUMBER:2013-2014

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<b>GENERAL LIABILITY</b>			BOP8089014	10/21/2013	10/21/2014	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER:							PERSONAL & ADV INJURY
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<b>AUTOMOBILE LIABILITY</b>			BA8087215	10/21/2013	10/21/2014	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	\$
							PIP-Basic	\$
B	<b>UMBRELLA LIAB</b>	<input checked="" type="checkbox"/>	OCCUR	BEING ASSIGNED	10/21/2013	10/21/2014	EACH OCCURRENCE	\$ 8,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB		CLAIMS-MADE				AGGREGATE	\$ 8,000,000
	DED <input checked="" type="checkbox"/>	RETENTION \$ 10,000						\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>						WC STATUTORY LIMITS	OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/>	Y/N	N/A			E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$
C	<b>Umbrella</b>			CU8228158	10/21/2013	10/21/2014	Each Occurrence	\$1,000,000
							Aggregate Limit	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

**CERTIFICATE HOLDER**

(859)258-3780

LFUCG  
 200 E Main St  
 Lexington, KY 40507

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Allison Johnson/MJA

*Allison T. Johnson*



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/05/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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<b>PRODUCER</b>  The Underwriters Group, Inc. 1700 Eastpoint Parkway P.O. Box 23790 Louisville, KY 40223	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 502-244-1343      FAX (A/C, No): 502-244-1411 E-MAIL ADDRESS:														
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Hartford Accident &amp; Indemnity</td> <td>22357</td> </tr> <tr> <td>INSURER B: XL Specialty Insurance Company</td> <td>37885</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Hartford Accident & Indemnity	22357	INSURER B: XL Specialty Insurance Company	37885	INSURER C:		INSURER D:		INSURER E:		INSURER F:
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INSURER D:															
INSURER E:															
INSURER F:															
<b>INSURED</b> Howard K. Bell Consulting Engineers, Inc  2480 Fortune Drive, Suite 350 Lexington, KY 40509															

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$	
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$	
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			33WECPX9023	02/01/2013	02/01/2014	<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000	
B	Professional Liability			DPR9710693	12/08/2013	12/08/2014	Per Claim 1,000,000 Aggregate 2,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

LFUCG  200 East Main Street  Lexington, KY 40507	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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Lexington-Fayette Urban County Government  
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray  
Mayor

William O'Mara  
Commissioner

**ADDENDUM #1**

RFP Number: **#13-2014**

Date: March 3, 2014

Subject: **Request for Qualifications for  
Professional Engineering Services**

Please address inquiries to:  
Theresa Maynard (859) 258-3320

**TO ALL PROSPECTIVE BIDDERS:**

Please be advised of the following clarifications to the above referenced RFP:

*Paragraph two on page one should read as follows and agree with the date on the website:*

"Sealed proposals will be received in the Division of Central Purchasing, Room 338, Government Center, 200 East Main Street, Lexington, KY, 40507, until **2:00 PM**, prevailing local time, on **March 26, 2014.**"

*Paragraph one on page two should read as follows:*

**Deadline for questions after the Pre-proposal meeting shall be Tuesday, MARCH 12<sup>th</sup>, 2014 at 2:00 PM local time.**

Todd Slatin, Director  
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your RFP.

COMPANY: Bell Engineering

ADDRESS: 2480 Fortune Drive, Suite 350, Lexington, KY 40509

SIGNATURE OF PROPOSER: Megan E. Kendall



Lexington-Fayette Urban County Government  
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray  
Mayor

William O'Mara  
Commissioner

**ADDENDUM #2**

RFP Number: **#13-2014**

Date: March 7, 2014

Subject: **Request for Qualifications for  
Professional Engineering Services**

Please address inquiries to:  
Theresa Maynard (859) 258-3320

**TO ALL PROSPECTIVE BIDDERS:**

Please be advised of the following clarifications to the above referenced RFP:

*Disregard Addendum #1 issued on this page earlier today, March 7, 2014. That addendum was for RFP #14-2014 Request for Qualifications – Supplemental Legal Services and posted to the page for RFP #13-2014 in error.*

Todd Slatin, Director  
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your RFP.

COMPANY: Bell Engineering

ADDRESS: 2480 Fortune Drive, Suite 350, Lexington, KY 40509

SIGNATURE OF PROPOSER: Megan E. Kendall



Lexington-Fayette Urban County Government  
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray  
Mayor

William O'Mara  
Commissioner

**ADDENDUM #3**

RFP Number: **#13-2014**

Date: March 17, 2014

Subject: **Request for Qualifications for  
Professional Engineering Services**

Please address inquiries to:  
Theresa Maynard (859) 258-3320

**TO ALL PROSPECTIVE BIDDERS:**

Please be advised of the following clarifications to the above referenced RFP:

- Sign in sheets from March 10<sup>th</sup>, 2014 Pre-Proposal Meeting attached
- Questions and Answers attached

Todd Slatin, Director  
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your RFP.

COMPANY: Bell Engineering

ADDRESS: 2480 Fortune Drive, Suite 350, Lexington, KY 40509

SIGNATURE OF PROPOSER: Megan E. Kendall

## SIGN-IN SHEET

RFP #13-2014 Request for Qualifications for Professional Engineering Services  
 March 10<sup>th</sup>, 10:00 am 101 E Vine St, Lexington KY 40507

Representative	Company Name	Phone #	Email Address
Theresa Maynard	LFUCG – Central Purchasing	258-3320	theresam@lexingtonky.gov
CHASE WRIGHT	STRAND	225-8500	chase.wright@strand.com
Mark Astin	strand	225-8500	Mark.astin@strand.com
MICHAEL DAVIS	STRAND ASSOCIATES	225.8500	mike.davis@strand.com
Fred Eastridge	ECSE, LLC	233-2103	feastridge@engr-services.com
Arlen Sandlin	Parsons Brinckerhoff	245-3867	sandlin@pbworld.com
Paul WARSEN	THELEN ASSOCIATES	226-0761	PWARSEN@thelensac.com
Laura Mize	Lockner	224-4476	LMize@hwlockner.com
ABBIE JONES	ABBIE JONES CONSULTING	859.559.3443	abbie@abbie-jones.com
Greg Isaacs	Palmer	859 389 9293	gisaacs@palmer.net.com
Kevin Damron	Palmer	859.537.6657	kdamron@palmer.net.com
MIKE MERRIMAN	S&ME	859-293-5518	M.MERRIMAN@S&MEINC.COM
Megan Kendall	Bell Engineering	859-278-5412	mkendall@hkbell.com
David Schrader	Bell Engineering	859-278-5412	dschrader@hkbell.com
JUSTIN ANDERSON	HDR ENGINEERING	859-583-0732	justin.anderson@hdrinc.com
Jihad Hallany	Vision Engineering	859-559-0516	Jhallany@visionengr.com
Ethan Buell	BFMJ, INC	859.278.5050	e.buell@bfmj.com
Nicole Povelich	BFMJ Structural Eng	859-278-5050	n.povelich@bfmj.com
BRAD FRAZIER	LFUCG ENG	859-258-3410	bfrazier@lexingtonky.gov
Jason Anslie	L.F. Leggett	859-252-7558	jainslie@leggett.com
WALTER BOWMAN	W. Bowman Assoc.	859 619 0129	waltbowman@twe.com





## Questions for RFP #13-2014

Is it possible to expand somewhat on what each contract will entail. For example, contract 2 could be construed to merely entail negotiation and acquisition of properties which would not require professional engineering services. It could also be construed to require Professional surveying services. Please expand if possible.

**ANSWER:** At this point, the Contract descriptions must be general and fairly broad. But as an individual project is brought forward, a more detailed scope of required services will be developed for that project.

---

Is the proposal to be submitted as a single proposal or individual proposals for each contract?

**ANSWER:** The responses shall be a single proposal with a section for each Contract being responded to by the vendor, and clearly titled as a response to the Contract number, 1 through 8. Vendors may respond to one, some, or all Contract 1 through 8.

A listing acknowledging which of the Contract numbers the vendor's response contains shall be listed in the Table of Contents of the Vendor's Response.

If the SOQ is to be submitted as a single SOQ, should submit resumes in one tab/section for all the SOQ's or submit resumes for each individual Contract with the section covering that Contract.

**ANSWER:** If the vendor response contains sections for more than one of the Contracts number 1 through 8, they need to only include one set of resumes. The response for each individual Contract shall contain an organizational chart showing the individuals involved in that particular Contract response, and whose resume is included in the resume section of the total Response.

---

During the pre-proposal meeting, it was mentioned that regardless of the number of contracts you were requesting prequalification on, one document was to be submitted for all. Section 4 (page 4) of the RFQ states that each firm responding to this RFQ shall submit individual SOQ's for each project category for which they request to be prequalified. Are we to submit 1 document (with 1 master hardcopy, 7 duplicates and 1 electronic version) including information on all contracts prequalification is being requested on or are we to submit individual documents (with 1 master hardcopy, 7 duplicates and 1 electronic version) for each contract we are requesting prequalification on?

**ANSWER:** ONE document with sections for each contract you are responding to, with them listed in the Table of Contents. (see above)

If 1 document is to be submitted for all contracts prequalification is being requested on, are the page limits for contract specific information then multiplied by the number of contracts? For example, if we plan on submitting on 3 contracts, are we then allowed 3 pages for list of clients for which similar work has been performed in order to discuss 3 contracts or is it still a limit of 1 page? Does the same apply for qualifications for the specific type of contract, project team and list of similar projects?

**ANSWER:** It is still a limit of 1 page per contract response, and the same applies for qualifications, you may list the team on each section you're responding to, but you only need to submit the resumes once. (see above)

- 
1. What forms are actually required for this qualifications package? **Specifically:**
    - a. If our firm meets the DBE goal with our subconsultant partner(s), are we still required to fill out the Good Faith Efforts form?
    - b. Are the MWDBE substitution, MWDBE quote summary form, or subcontractor monthly payment report needed for this proposal or are they documents that would be used once under contract/letter agreement? Please confirm whether these forms should be included with our qualifications package.

**ANSWER:** If the vendor meets the goals for the project, firms are still required to return the Good Faith Efforts form and check all the things they did to find MWBEs for the job. The Quote Summary Form is part of the documentation needed if the vendor does not meet the goals for the project. It is not a required form for submittals. The Substitution Form and the Monthly Payment Report are documents that will be used by the company selected to work on the project.

2. Do the one-page resumes count against the 6-page count in section 3 Project Team? May we include these resumes as an appendix?

**ANSWER:** If the organizational chart varies between Contracts, provide individual charts with each Contract section. The Project Team Section (No. 3) should be held to 6 pages maximum.

3. Please confirm how many copies are needed. Page 35 of the RFP PDF says "six (8)" (contradicts), while RFP PDF page 37 indicates a total resulting in 8.

**ANSWER: Re: Page 35:** There are a total of EIGHT contracts being solicited in this RFQ.

The Proposer must submit one (1) master (hardcopy), (1) electronic version in PDF format on a flashdrive or CD and seven (7) duplicates (hardcopies) of their proposal for evaluation purposes.

4. Is there a maximum letter agreement/assignment amount for projects released under this contract? In other words, is it possible that LFUCG will need to advertise some projects separately from these contracts that exceed a certain dollar amount?

**ANSWER:** No fee cap has been set for total project assignments to any single consultant, nor has a project dollar limit been set. However, we anticipate that projects of considerable size which will utilize federal funding will need to have separate, individual RFQ's. At the other extreme, in the case of a very small project with an anticipated small consulting fee (for instance say less than \$20,000), LFUCG reserves the right to simply offer the work to the firm at the top of the list rather than ask three firms to expend inordinate resources in working up bids.

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