



STATEMENT OF QUALIFICATIONS

RFP #42-2019 ENGINEERING SERVICES FOR JACOBSON PARK ROADWAY WIDENING

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT; LEXINGTON, KY OCTOBER 24, 2019

Firm Submitting Proposal: Bell Engineering					
Complete Address:	2480 Fortune Drive	, Suite 350, Lexington, KY 40509			
•	Street	City	Zip		
Contact Name: Meg	an Hogan, CPSM	Title: Director of Marketing			
Telephone Number:	859.278.5412	Fax Number: 859.278.2911			
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October 24, 2019

Mr. Todd Slatin, Purchasing Director Lexington-Fayette Urban County Government Room 338, Government Center 200 East Main Street Lexington, KY 40507

Re:

Letter of Transmittal – RFP #42-2019

Engineering Services for Jacobson Park Roadway Widening

Dear Mr. Slatin:

It is a pleasure to submit our qualifications to provide engineering services to the Lexington-Fayette Urban County Government (LFUCG) related to RFP #42-2019 Engineering Services for Jacobson Park Roadway Widening. Bell Engineering is qualified to provide engineering services to LFUCG for the roadway widening because our project team has completed many similar transportation projects throughout the Commonwealth of Kentucky. From the design of the first concrete streets in Lexington in the 1920's, to more recent projects - our team has provided engineering services to LFUCG for a variety of infrastructure projects over the past seven years. This experience includes both RMP and non-RMP projects as well as work with the Division of Engineering and the Division of Water Quality.

Our team understands the role roadway infrastructure plays, particularly when emergency vehicle access is a priority. Bell has designed several projects on the University of Kentucky campus where emergency vehicle access was of critical importance. Through these projects, our team is familiar with the sizes, weights and turning radii of many emergency vehicles with the fire vehicles being the most challenging. Bell has worked with LFUCG fire department personnel to determine response vehicle needs and actually run computer simulations to confirm that the vehicles can traverse the proposed routes. Additionally, our firm is Kentucky Transportation Cabinet (KYTC) prequalified and we also have recent experience with LPA guidelines as they apply to roadway and pedestrian infrastructure projects.

Bell Engineering is a locally owned and operated registered small business with corporate headquarters right here in Lexington; mere minutes away from the project site. Additionally, all members of our project team are Kentucky based including any subconsultants that may be used. On behalf of Bell Engineering, we thank you for the opportunity to showcase our experience and **outline the strengths that our team offers LFUCG**. We look forward to the opportunity to continue to provide quality engineering services to the City through this and many future projects.

Sincerely,

BELL ENGINEERING

James K. Roberts, PE, PLS

Principal-In-Charge/Project Manager

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 ${\tt BELL\ ENGINEERING\ AFFIRMATIVE\ ACTION\ PLAN}$

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SECTION 1.0 FIRM QUALIFICATIONS & EXPERIENCE

EXECUTIVE SUMMARY

Bell Engineering is qualified to provide engineering services to the Lexington-Fayette Urban County Government (LFUCG) for the Jacobson Park Roadway Widening project because our team members have completed many similar projects in Lexington and throughout the Commonwealth of Kentucky.

Bell provides the expertise to plan, design, and construct transportation and pedestrian networks, both as 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 as applicable in today's designs, Bell continues to implement state-of-the-art construction techniques.

Our team understands the critical role roadway infrastructure plays, particularly when emergency vehicle access is a priority. Additionally, our firm Kentucky Transportation Cabinet (KYTC) prequalified and we also have recent experience with LPA guidelines as they apply to roadway and pedestrian infrastructure projects.

Bell Engineering has provided engineering services to LFUCG over the past seven years under Categories 2, 3, 4 and 5 of the Consent Decree prequalification, Categories 1, 5 & 8 under the Division of Engineering prequalification, as well as on non-RMP projects. Our team has been awarded 10 separate sewer and stormwater projects through the Consent Decree contract, two projects through the DOE contract and eight other non-RMP projects. We have worked with many of LFUCG's project managers to successfully plan, design and construct required improvements.

As a small business, Bell values the effort placed on supporting MBE/DBE/VBE firms. Recently, we have utilized services from firms such as Abbie Jones Consulting, Cornerstone Engineering, Inc., DLZ Kentucky, Inc., Leonard Engineering, PLLc, and Vision Engineering among others. If we are awarded the project, we will identify local MBE/DBE/VBE

ENGINEERING EXCELLENCE

- SINCE 1914 -

- · Founded in Lexington, KY in 1914
- · Registered small business with SBA
- Kentucky Transportation Cabinet (KYTC) pregualified
- · Offices in Lexington and Hopkinsville, KY & Asheville, NC
- Engineering, Landscape Architecture & Planning services

subconsultants from the LFUCG Certified List to perform surveying. We will then select the subconsultant that provides the best value to the team and can meet the required schedule. This ensures that LFUCG receives high-quality services with competitive pricing. Bell Engineering will provide all civil and structural engineering services in-house.

ABOUT BELL ENGINEERING

Bell Engineering was founded by Mr. Howard K. Bell in Lexington, Kentucky in 1914. Originally operating as Howard K. Bell Consulting Engineers, Inc., our firm provided civil, environmental, and stormwater engineering services to a variety of clients 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 as Bell Engineering.

Since Mr. Bell's time, the firm has grown to include a multitude of services including landscape architecture, certified planning and industrial pretreatment. This provides our clients the opportunity to work with one firm for all of their engineering, landscape architecture and planning needs. Our firm is well-staffed to complete projects in a timely, efficient and cost-effective



manner across many markets including municipal, industrial, commercial, federal, energy and natural gas, transportation and education.

As a locally owned firm, our team provides clients with a responsive and detailed approach and knowledge specific to the Commonwealth of Kentucky. Our corporate headquarters remains centrally located in Lexington, Kentucky, allowing us to serve central, southern and eastern Kentucky. Our regional office in Hopkinsville, Kentucky, allows us to effectively serve the western portion of the state, and our Asheville, North Carolina, office allows us to serve the southeastern United States. Resources from all offices are utilized as needed to work together to complete projects.

In business for 105 years, Bell is currently providing services in numerous states and is capable of working anywhere within the United States. We are licensed to practice engineering in Kentucky, North Carolina, South Carolina, Indiana, Ohio, Tennessee, West Virginia, Arkansas and Arizona, and landscape architecture in Kentucky, North Carolina and South Carolina. We are certified in planning nationwide and are a registered small business with the SBA.

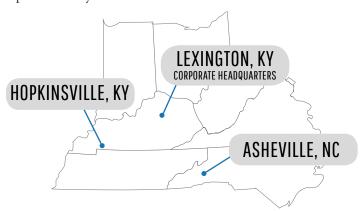
PRINCIPAL OFFICERS

Bell Engineering is owned by seven Principal Officers including:

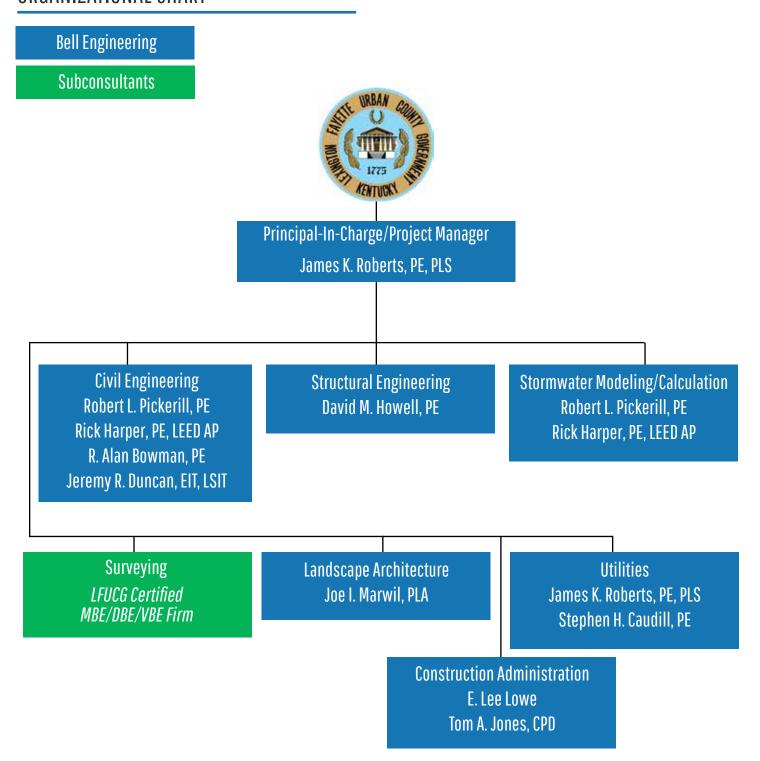
- Kelly G. Gillespie President
- James K. Roberts, PE, PLS Executive Vice President
- Roy L. Bohon, II Senior Vice President
- Stephen H. Caudill, PE Vice President
- John D. Prince, PE Vice President
- David F. Schrader, PE Vice President
- Robert L. Pickerill, PE Vice President

OFFICE LOCATIONS

Through our commitment to our clients, 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 through dedicated schedule management and conscientious budget monitoring. 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 clients with a project span of 50+ years.



ORGANIZATIONAL CHART



James K. Roberts, PE, PLS

PRINCIPAL-IN-CHARGE/PROJECT MANAGER | BELL ENGINEERING



EDUCATION

B.S. Civil Engineering, University of Kentucky

Value Engineering Training Workshop

CAD Production Technology & Workshop

LICENSURE

Professional Engineer: Kentucky No. 15736 West Virginia No. 13391

Professional Land Surveyor: Kentucky No. 3010 West Virginia No. 1619

NASSCO PACP Certified

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 41 years of industry experience including advanced training in the use of several modeling and analysis softwares. He has completed design work on both water and wastewater treatment projects and has experience in site development, transportation and utility relocation projects. Additionally, he is a registered land surveyor and oversees surveying services provided by the firm.

SELECTED PROJECT EXPERIENCE

Quality assurance 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 engineer for intersection safety audit at Man O' War at Victoria Way/Habersham Drive – Lexington-Fayette Urban County Government; Lexington, KY

Project engineer for the Wolf Run Trunk A project which included the rehabilitation of approximately 1,545 linear feet of 30-inch diameter sanitary sewer running from the old Wolf Run Pump Station to manhole WR1_95 - Lexington-Fayette Urban County Government; Lexington, KY

Project engineer for UK/Nicholasville Road Flood Mitigation Project: modification of 7 detention basins within 240-acre watershed; variety of utility relocations, permanent removal of road and upgrades to culvert on Nicholasville Road; underground storm water detention and water quality units – University of Kentucky; Lexington, KY

Project manager for Riggs Street Renewal Project including 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 engineer and surveyor for Pleasant Ridge Recreation Complex project which was the development of access and camp site road layout and design including horizontal and vertical alignment, computer generated cross-sections, re-grade and volume calculations – Yatesville Lake

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

Project manager for GIS Mapping of entire sewer collection system including topo survey of two existing pump stations and horizontal & vertical control – Clay City, KY

Easement preparation for 50 parcels Carol Malone Highway Relocation

Project designer for development of industrial park. Provided design for on-site improvements and surveying assistance related to elevated tank - Richmond Industrial Park; Richmond, KY



Robert L. Pickerill, PE

LEAD PROJECT ENGINEER | BELL ENGINEERING LEXINGTON. KY



EDUCATION

B.S. Civil Engineering, Western Kentucky University

LICENSURE

Professional Engineer: Kentucky No. 15052 North Carolina No. 045574

PROFESSIONAL AFFILIATIONS

Kentucky Stormwater Association

Mr. Pickerill is a Principal in the firm and offers 41 years of industry experience including a strong background in project management and quality control in construction activities overseeing all phases of projects. Additionally, he has design and survey experience with site development projects, commercial and residential site plans, water features, sewer, water, and storm water drainage design. Mr. Pickerill also offers technical review services on storm water management plans.

SELECTED PROJECT EXPERIENCE

Project engineer for the Cephas Way Drainage Improvements including design of solution to mitigate erosion along an existing concrete flume – LFUCG; Lexington, KY

Project engineer for Cardinal Lane Stormwater Improvements project to mitigate street flooding and erosion: new curb inlets and drainage piping, improvements along existing drainage ditch, installation of a concrete trickle channel and streambank stabilization through a modular retaining wall system – LFUCG; Lexington, KY

Project manager for intersection safety audit at Man O' War at Victoria Way/Habersham Drive – Lexington-Fayette Urban County Government; Lexington, KY

Project manager for Alumni Drive Roadway Realignment project including drainage calculations, landscape architecture services and inspection during construction of the realigned roadway and two roundabouts – University of Kentucky; Lexington, KY

Project manager for UK/Nicholasville Road Flood Mitigation Project: modification of 7 detention basins within 240-acre watershed; variety of utility relocations, permanent removal of road and upgrades to culvert on Nicholasville Road; underground storm water detention and water quality units – University of Kentucky; Lexington, KY

Project manager for reconstruction of 6th Street including relocation of overhead utilities underground, new decorative intersection at 6th and Main Streets, sidewalk replacement, new lighting, reversal of traffic flow and drainage improvements – 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 Westbrooke Subdivision including 3,700 L.F. of roadway – Pembroke, KY

Project engineer for 7th & Greenville Road Drainage Improvements project which included storm drain piping, roadside ditches, inlet improvements, and a detention basin to address street ponding in the project area – Hopkinsville, KY



Rick Harper, PE, LEED AP PROJECT ENGINEER | BELL ENGINEERING



EDUCATION

B.S. Civil Engineering, University of Kentucky

LICENSURE

Professional Engineer: Kentucky No. 17315 Tennessee No. 22902 Ohio No. 56200 Indiana No. 9300207 North Carolina No. 19561 Mr. Harper has 33 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, storm water management, erosion and sediment control, site layout, parking and traffic control, pedestrian access and construction details. In addition to site development design, Mr. Harper's experience also 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.

SELECTED PROJECT EXPERIENCE

Project engineer for Alumni Drive Roadway Realignment project including drainage calculations, landscape architecture services and inspection during construction of the realigned roadway and two roundabouts – University of Kentucky; Lexington, KY

Project engineer for UK/Nicholasville Road Flood Mitigation Project: modification of 7 detention basins within 240-acre watershed; variety of utility relocations, permanent removal of road and upgrades to culvert on Nicholasville Road; underground storm water detention and water quality units – University of Kentucky; Lexington, KY

Project engineer for Boone County Public Safety Complex including site development for the 60-acre tract with a site for the new jail, a site for the new sheriff department facility and 0.5 miles of new road with parallel sidewalks and bike trails – Boone County Fiscal Court; Burlington, Kentucky

Project engineer for Christian County Justice Center including site re-development of a 3.5 acre parcel bordered on three sides by city streets and on the fourth by the North Fork of the Little River. Project included parking for 250 vehicles, sidewalks and pedestrian plaza and replacement of all street side sidewalks along the perimeter of the site – Christian County Fiscal Court, Hopkinsville, Kentucky

Project engineer for Universal Fasteners including site development for new industrial site and 0.65 miles of new access road – Gray Company; Centerville, TN

Project manager for the South Main and Old Railroad Drainage Improvements project which included design, bidding, and construction services. Design included capacity analysis for the proposed piping system, inlet requirements, sidewalk work, and the navigation of existing utilities was a major component. Approximately 1,080 L.F. of 12-inch to 30-inch storm piping was detailed and installed - Hopkinsville, KY

Project manager for 7th & Greenville Road Drainage Improvements project which included storm drain piping, roadside ditches, inlet improvements, and a detention basin to address street ponding in the project area – Hopkinsville, KY

Project engineer and manager for Tanglewood Drive – Bahama Drive Drainage Improvements project that included installation of 800 linear feet of 30" and 36" storm culvert along with drainage inlets and structures. Project also included construction of a detention facility and installation of 76 linear feet of 36" steel casing bored through an existing railroad bed – Hopkinsville, KY



R. Alan Bowman, PE PROJECT ENGINEER | BELL ENGINEERING



EDUCATION

B.S. Civil Engineering, University of Kentucky

LICENSURE

Professional Engineer: Kentucky No. 24245 Mr. Alan Bowman has over 20 years of industry experience as both a consultant and a county engineer. The focus of his efforts has been on rural utility construction and bridge/roadway design including work for the Columbia/Adair County Utility District, Letcher County Water and Sewer District, the Kentucky River Area Development District, the City of Somerset and Richmond Utilities Board. Mr. Bowman is also a US Army veteran.

SELECTED PROJECT EXPERIENCE

Project Engineer for the Gilbert's Creek Bridge Replacement Project including the replacement of a low water bridge with elevated "all weathering" steel structure. The span was approximately 60 LF and was a \$120,000 project funded by KYTC Rural and Secondary Roads - Lincoln County Fiscal Court

Project Engineer for the Fairgrounds Road Bridge Project including cast in place a concrete structure to replace double barrel culvert. The span was less than 20 LF and was a \$75,000 project funded by KYTC Rural and Secondary Roads - Lincoln County Fiscal Court

Project Engineer for the Preachersville Slide Repair project including contracted slide repair work with Hinkle Contracting to repair catastrophic road failure. Work included drilled rail with cribbing and backfill. Work was done on an emergency basis and funded by KYTC (\$120,000) - Lincoln County Fiscal Court

Project Engineer for the Cordier Lane Road Extension project including expanding the entrance to the stockyards to accommodate tractor trailers which included upgrading the existing roadside drainage structures. The project cost \$60,000 and was funded by the Fiscal Court and Bluegrass Stockyards - Lincoln County Fiscal Court

Project Engineer for the N. Fishing Creek Shoulder Repair Project. Work involved gabion basket shoulder repair. Project was funded by Natural Resource and Conservation Service (\$300,000)-Lincoln County Fiscal Court

Project Engineer for the Lincoln County Fairgrounds Midway Paving Project. Work involved field staking paving area for midway at the fairground and contracting excavation and paving operations to Allen Company. Funded by a grant from the KY Dept of Ag (\$150,000)-Lincoln County Fair Board

Project Engineer for the Lincoln County Farmers Market Project. Work involved developing plans for an open-air farmers market and site developed including extension of water and sanitary sewer services to the site. Funded by UK and Ag Credit Financing (\$200,000)- UK Extension Office and Ag Credit Financing

David M. Howell, PE STRUCTURAL ENGINEER | BELL ENGINEERING



EDUCATION

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

LICENSURE

Professional Engineer: Kentucky No. 29100 Mr. Howell offers 11 years of industry experience including the design of structural components for water and wastewater treatment plants, culverts and retaining walls and other miscellaneous structures. He performs hydraulic analyses, water line and tank inspections, prepares cost estimates, designs water lines, sidewalks and stormwater systems and assists with surveying.

SELECTED PROJECT EXPERIENCE

Project engineer for Cardinal Lane Stormwater Improvements project to mitigate street flooding and erosion including installation of new curb inlets and drainage piping, improvements along existing drainage ditch, installation of a concrete trickle channel and streambank stabilization through a modular retaining wall system – LFUCG; Lexington, KY

Project engineer for 11th Street Retaining Wall project including replacement of 400 L.F. of collapsed concrete block retaining wall with stacked interlocking masonry units – Hopkinsville, KY

Project engineer for Alumni Drive Roadway Realignment project including drainage calculations, landscape architecture services and inspection during construction of the realigned roadway and two roundabouts – University of Kentucky; Lexington, KY

Project manager and lead designer for construction of reinforced concrete barrier wall – Monticello, 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

Project engineer for reconstruction of 6th Street including relocation of overhead utilities underground, new decorative intersection at 6th and Main Streets, sidewalk replacement, new lighting, reversal of traffic flow and drainage improvements – Hopkinsville, KY

Project engineer for the 9th Street and Railroad Drainage Improvements project which included the installation of 24-inch pipes (and 24-inch equivalent sections) to replace existing 15-inch vitrified clay pipes and removing and replacing 12- and 15-inch pipes with 18-inch pipes to provide additional capacity. All sidewalks and curb and gutter sections were replaced in the project area - Hopkinsville, KY

Project engineer for the South Main and Old Railroad Drainage Improvements project which included design, bidding, and construction services. Design included capacity analysis for the proposed piping system, inlet requirements, sidewalk work, and the navigation of existing utilities was a major component. Approximately 1,080 L.F. of 12-inch to 30-inch storm piping was detailed and installed - Hopkinsville, KY



Stephen H. Caudill, PE

PROJECT ENGINEER | BELL ENGINEERING LEXINGTON, KY



EDUCATION

B.S. Civil Engineering, University of Kentucky

LICENSURE

Professional Engineer: Kentucky No. 19888 Ohio No. 76051 Mr. Caudill has 26 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 of monthly progress meetings. Mr. Caudill has extensive experience with a variety of funding agencies and the additional responsibilities included with utilizing those funds.

SELECTED PROJECT EXPERIENCE

Project manager for Cardinal Lane Stormwater Improvements project to mitigate street flooding and erosion including installation of new curb inlets and drainage piping, improvements along existing drainage ditch, installation of a concrete trickle channel and streambank stabilization through a modular retaining wall system – Lexington-Fayette Urban Co. Government (LFUCG); Lexington, KY

Project manager for the Stormwater IDIQ projects which included three separate projects: Highee Mill, Tanbark and Hunters Wood Lane. Combined, the three projects included the installation of LFUCG Type 4 curb and gutter, a cast-in-place concrete flume, an LFUCG Type A surface inlet and 165 L.F. of 15" RCP. The projects helped alleviate stormwater issues such as flooding from poor runoff collection and scouring and erosion inside a drainage swale - Lexington-Fayette Urban Co. Government (LFUCG); Lexington, KY

Project manager for Cephas Way Drainage Improvements including design of solution to mitigate erosion along an existing concrete flume – LFUCG; Lexington, KY

Project engineer for Alumni Drive Roadway Realignment project including drainage calculations, landscape architecture services and inspection during construction of the realigned roadway and two roundabouts – University of Kentucky; Lexington, KY

Project engineer for UK/Nicholasville Road Flood Mitigation Project: modification of 7 detention basins within 240-acre watershed; variety of utility relocations, permanent removal of road and upgrades to culvert on Nicholasville Road; underground storm water detention and water quality units – University of Kentucky; Lexington, KY

Project engineer for a 9 building office park including the design of the stormwater collection system and water quality features for the removal of parking lot contaminants and debris – Lexington, KY

Project engineer for a 60-acre Commercial/Industrial Development including 130,000 cubic yards of earthwork, 4,330 L.F. of 8-inch sanitary sewer, 6,270 L.F. of storm sewer, 2,850 L.F. of roadway and three detention/water quality basins – Lexington, KY

Project engineer and site inspection for 35,000 square foot technical school including grade and drain, final surfaces, site utilities (water, sewer & gas) and storm sewer collection system and detention pond – Danville, KY

Project engineer for the 112-lot Clear Creek Residential Golf Course Development including 6,600 L.F. of roadway, 10,820 L.F. of water line, 17,390 L.F. of sanitary sewer and storm sewer system design – Bristol, VA



SECTION 2.0 CAPACITY OF THE FIRM

TFAM AVAILABILITY

Bell Engineering is committed to exceeding client expectations through effective project management. A team that lacks the availability to complete a project or attempts to fit it in their workload without considering the amount of effort each project requires is placing a burden on their employees as well as you the Owner. Our commitment to customer service and maintaining both project schedule and budget is shown through the evaluation we complete prior to submitting on a proposal.

We understand the importance of adhering to outlined project schedules and require 100% commitment of the entire project team to ensure they are completed in an efficient manner. As such, we review the current and

planned workload of each team member to confirm they will be able to provide the effort a proposed project requires.

Our team has the knowledge, experience, available personnel and desire to perform the required services in addition to the available capacity to complete the job. With our Lexington office just twenty minutes from Lexington's DWQ, you can be assured that our team will be committed to your project from start to finish.

The following table shows key personnel assigned to the team and the percentage of their time currently committed to other projects. As you can see, our team has ample capacity to complete your project in a timely manner.

Bell Team Member	Time Committed to Other Projects	Time Available for Your Project
James K. Roberts, PE, PLS	55%	45%
Robert L. Pickerill, PE	50%	50%
Rick Harper, PE, LEED AP	45%	55%
R. Alan Bowman, PE	40%	60%
David M. Howell, PE	40%	60%
Stephen H. Caudill, PE	50%	50%

STAFFING

STAFFING	
PROFESSIONAL ENGINEERS	14
PROFESSIONAL LANDSCAPE ARCHITECTS	3
PROFESSIONAL LAND SURVEYORS	1
ENGINEERS-IN-TRAINING	2
LAND SURVEYOR-IN-TRAINING	1
DESIGNERS/TECHNICIANS	8
CONSTRUCTION/FIELD PROFESSIONALS	9
PROJECT DEVELOPMENT/FUNDING SPECIALIST	1
INSURANCE SPECIALIST	1





ADMIN | 5

SECTION 3.0 PAST RECORD OF PERFORMANCE

LFUCG EXPERIENCE

Bell Engineering has provided engineering services to the Lexington-Fayette Urban County Government on a variety of projects over the last seven years. The following table outlines our experience with LFUCG.

Project Name	Project Type
Gettysburg Road Storm Sewer Replacement	Non-RMP Stormwater Project
Blue Sky Pump Station & Force Main	Non-RMP Wastewater Project
Boonesboro Manor Pump Station & Force Main/WWTP Decommissioning	Non-RMP Wastewater Project
Griffin Gage Pump Station Replacement	Non-RMP Wastewater Project
Brighton East Rail Trail Phase 4	DOE Bikeway Project
Prequalification for Consent Decree Work	Prequalification in Categories 2, 3, 4 & 5
Cardinal Lane Improvements Project Phases 2 & 3	RMP Stormwater Project
Wolf Run Trunk A	RMP Sewer Rehab Project
Cephas Way Flume Repair	RMP Stormwater Project
Prequalification for Division of Engineering	Prequalification in Categories 1, 5 & 8
Cane Run Stormwater Improvements Project	RMP Stormwater Project
Haven Court Stormwater Improvements Project	RMP Stormwater Project
Haley Pike Landfill Irrigation Pipe Routing & Design	RMP Stormwater Project
Intersection Safety Audit - Man O' War at Victoria Way/Habersham Drive	DOE Transportation Project
Formal Review and Audit of CAP	Non-RMP Wastewater Project
Stormwater IDIQ Projects	RMP Stormwater Project
Alumni Drive Protected Bike Lanes	DOE Transportation Project
Renewal of DOE Prequalification Contract 1	DOE Prequalification
Dartmouth Drive Culvert Replacement	RMP Stormwater Project
Lyon/Riviera/Silverleaf Stormwater Projects	RMP Stormwater Project
Audit of CAP	Non-RMP Wastewater Project
Brunswick & Floyd Drive Sanitary Sewer	RMP Wastewater Project
West Hickman Salt Barn Runoff Control Basin	RMP Stormwater Project
Indefinite Services Contract 8 - Construction Inspection	DOE Inspection Contract
Stormwater Indefinite Engineering Services	DWQ RMP Stormwater Projects Contract

Through this experience, our team is familiar with LFUCG's processes and procedures. We have worked with many of LFUCG's project managers and understand project expectations, particularly in regards to maintaining schedule and budget. Each of the projects listed above were successfully completed according to the defined schedules and budgets.

ABILITY TO COMPLETE CONTRACTS

In selecting an engineer for this type of project, there are many qualified firms. However, while most have the experience to complete the planning and design, Bell Engineering offers a proven history of working with all stakeholders to get the job done right the first time, many times under aggressive schedules.

Bell is committed to meeting and exceeding project goals through conscientious project management and dedicated resource allocation, ensuring budgets and schedules are maintained. We accomplish this through weekly project meetings, updated estimates during design and experienced Resident Project Representatives (RPR's) and construction management teams.

Additionally, our team has experience with many of the current technological tools that help to improve project management including Procore, Microsoft Office Project, Primavera Suretrack and Primavera P3 scheduling softwares. Knowledge of these programs not only allows for scheduling during planning and design, but also for proper review of contractor schedules. Team members also have training and experience in Constructware, Prolog and eCommunication Construction Collaboration project management software.

Through the use of these technologies, qualified and experienced team members and with constant oversight by our experienced project manager, the Bell team successfully maintains project budgets and keeps the clients' bottom line in mind. With a history of successfully preventing or minimizing change orders,

you can count on the Bell team to complete your projects within the allocated budgets. Many times, our projects are completed under the contractor's bid price through effective construction management.



A prime example of our ability to manage aggressive schedules is demonstrated through our performance on several recent projects with the University of Kentucky (UK). Planning, design and construction on a college campus is very demanding for a number of reasons including: tight schedules to accommodate student and staff traffic, coordination with multiple projects taking place in the same area, consideration for how current projects will fit into the overall master plan, and defined budgets that must be met. Our team was able to accomplish this through mandatory meetings with the project team throughout the design process.

The first two projects completed were the FEMA and South Campus parking lots. The Bell team completed both of these projects under accelerated design

Project Name	Construction Budget	Construction Estimate	Total Contract Award Amount	Scheduled Months Design	Actual Months Design	Scheduled Months Construction	Actual Months Construction
Discovery Boulevard Extension	\$1,275,000	\$1,125,000	\$1,305,785	7	8*	6	9*
Logan County Area Technology Center	\$19,225,000	\$13,685,000	\$14,787,176	6	6	15	TBD
Alumni Drive Roadway Improvements	\$5,000,000	\$4,200,000	\$3,841,228	2	2	3	3
Country Club Lane Extension	N/A	\$158,812	\$180,650	6	5	4	3
MSU Drive Extension	N/A	\$407,935	\$403,470	3	3	4	4

^{*}Delays due to negotiations with City to share cost with SCPS and found conditions during construction.



and construction schedules (136 days and 102 days respectively). These projects were completed and placed in service in time to accommodate the University's academic and football schedules.



Bell also worked as a subconsultant on the Alumni Drive Realignment project. The redesigned stretch of roadway features a new alignment and the addition of two roundabouts. The road is heavily traveled and required construction to be completed between the last day of classes in the spring and the return of students in August.

If meeting the aggressive schedule was not challenging enough, there were also three other major projects ongoing at the same time that tied into the project area. The largest was the renovation of Commonwealth Stadium. This, along with the FEMA Flood Mitigation project, were ongoing along the Alumni corridor with similar required completion dates. Both the Alumni Drive and FEMA project were completed by the August deadline.



More recently, Bell completed the design and prepared for bidding a \$3.9 million dollar landscape and

infrastructure improvements project on UK's central campus. Our contract with UK was approved on January 25 and conceptual design was approved on March 29. Our team was then able to prepare 70-pages of drawings along with specifications in order to deliver a completed bid package to the University on April 12; only 10 days following completion of the conceptual design.

On top of meeting the aggressive deadlines posed by each of these projects, all were completed within the desired budget as well. We have an established and multi-faceted design team who have worked together on each of these projects. Our team will offer the same commitment of staff for completion of the Jacobson Park Roadway Widening Project.

RELEVANT PROJECT EXPERIENCE

Bell designs transportation projects to accommodate all users by allowing for smooth traffic flow, being mindful of pedestrian safety, and with an understanding of integrating pedestrian, multi-modal and vehicular transportation networks within the project. We are currently involved in urban, commercial, industrial and residential roadway projects.

Bell is KYTC prequalified in rural and urban roadway design and construction supervision. This following project profiles highlight key, similar projects completed in the past seven years.

ALUMNI DRIVE PROTECTED BIKE LANES

LFUCG | BELL ENGINEERING

LEXINGTON, KY

KEY PERSONNEL

Project Engineer: Jonathan S. Rehner, PE

COMPLETION DATE

Preliminary design done Awaiting funding for completion

CONTACT/REFERENCE

Bob Bayert, Senior Engineer 859.258.3441 101 E. Vine Street Lexington, KY 40507

CONSULTING FEE

\$49,635

EST. CONSTRUCTION COST

N/A

BID CONSTRUCTION COST

N/A

FINAL CONSTRUCTION COST

N/A

The Lexington-Fayette Urban County Government desires to add protected bicycle lanes along Alumni Drive, southeast from Tates Creek Road to Chinoe Road, a distance of approximately 3700 feet (0.7 mile). Bell Engineering is to evaluate the use of one way protected bike lanes along the north and south sides of Alumni Drive versus a two way protected bike lane along either the north or south side of Alumni Drive. The evaluation will be in terms of safety for cyclists and motorists and convenience of access for users, as well as the costs associated with building and maintaining the facilities. Included within this evaluation will be recommendation of the product(s) to be used to provide the separation of bicycles from motor vehicles.

DISCOVERY BOULEVARD EXTENSION

SHELBY COUNTY PUBLIC SCHOOLS | BELL ENGINEERING

SHELBYVILLE, KY

KEY PERSONNEL

Project Manager: Rick Harper, PE

Project Engineer: Robert L. Pickerill, PE

COMPLETION DATE

2019

CONTACT/REFERENCE

Kerry Whitehouse, Assistant Superintendent for Facilities 502.633.2375 1155 West Main Street Shelbyville, KY 40066

CONSULTING FEE

\$80,000

EST. CONSTRUCTION COST

\$1,125,000

BID CONSTRUCTION COST

\$1,305,785

FINAL CONSTRUCTION COST

\$1,190,400



This project included 4,000 linear feet of two-lane road with curb and gutter and sidewalk. Road connects the end of existing Discovery Boulevard with the existing end of Midland Industrial Drive. Project includes street drainage collection system and cross drainage system. Due to Kentucky Department of Education, project included both Shelby County Board of Education and City of Shelbyville. The project was designed to be constructed as one but bid in two sections with a construction contract with both entities. Permitting of endangered species, wetland determination and stream crossing was required.

LOGAN COUNTY AREA TECHNOLOGY CENTER

JKS ARCHITECTURE | BELL ENGINEERING

RUSSELLVILLE, KY

KEY PERSONNEL

Project Manager: Rick Harper, PE

COMPLETION DATE

2018

CONTACT/REFERENCE

Keith Sharp, Architect 270.885.2296 info@jksae.com 402 Liberty Street Hopkinsville, KY 42240

CONSULTING FEE

N/A

EST. CONSTRUCTION COST

\$13,685,000

BID CONSTRUCTION COST

\$14,787,176

FINAL CONSTRUCTION COST

\$10,319,796





This project includes the construction of the 68,000 square foot Area Technology Center which required the development of 21 acres located on the current site of Logan County High School in Russellville, Kentucky. In addition to the development of the building site and associated parking and paved access areas, the project includes approximately 0.65 miles of internal access roads and drives to connect the new development to the existing internal drive system of Logan County High School and the Logan County Board of Education. The new access road connects to US Highway 68. The entrance onto US 68 required the construction of two median left turn lanes and one right turn lane. Including tapers, the turn lanes totaled over 1,700 feet. This design was coordinated through the Kentucky Transportation Cabinet at the State and District Level.

The internal access roads and drives have a roadway section of stone base and multiple layers of asphalt, with stone and grass shoulders and road side swales. Cross drains are included at required locations.

ALUMNI DRIVE ROADWAY IMPROVEMENTS

CDM SMITH | BELL ENGINEERING

LEXINGTON, KY

KEY PERSONNEL

Project Manager: Robert L. Pickerill, PE

Project Engineers: James K. Roberts, PE, PLS Rick Harper, PE, LEED AP Stephen H. Caudill, PE

COMPLETION DATE

2015

CONTACT/REFERENCE

Keith Ingram, Project Manager 859.257.5911 ext. 237 Room 222 Peterson Service Bldg. Lexington, KY 40506 kingram@uky.edu

CONSULTING FEE

\$119,690

EST. CONSTRUCTION COST

N/A

BID CONSTRUCTION COST

\$3.841.228

FINAL CONSTRUCTION COST

\$4,163,434



The University of Kentucky contracted to have approximately one mile of Alumni Drive near Commonwealth Stadium reconstructed. The road is very highly traveled requiring construction to be performed between the last day of class in spring 2015 and the return of students on August 17, 2015. If the task was not difficult enough, there were three other major projects ongoing at the same time that tied into the project area. The largest was the renovation of Commonwealth Stadium, but the construction of the new football practice facility was also starting and the FEMA Flood Mitigation project was ongoing along the Alumni corridor and had a similar completion date.

Serving as the lead on the FEMA project, Bell was asked to join the team for the roadway project as a subconsultant. Bell provided the drainage calculations, landscape architecture services, coordination between adjoining projects and a portion of the inspection services during construction.

The final design of the roadway included two roundabouts at intersections and incorporation of a shared use path. The roundabouts required considerable design adjustments in the already ongoing FEMA project. The project was completed on time and Alumni Drive was open for driving on August 17, 2015.

COUNTRY CLUB LANE EXTENSION

COMMUNITY & DEVELOPMENT SERVICES | BELL ENGINEERING

HOPKINSVILLE, KY

KEY PERSONNEL

Project Manager: Robert L. Pickerill, PE

Project Engineers: David M. Howell, PE

COMPLETION DATE

2014

CONTACT/REFERENCE

Steven R. Bourne, Director 270.887.4285 sbourne@comdev-services.com 710 South Main Street Hopkinsville, KY 42240

CONSULTING FEE

\$26,150

EST. CONSTRUCTION COST

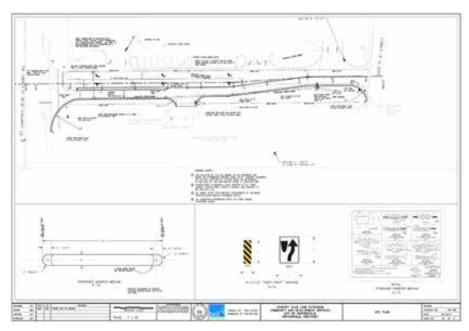
\$144,375

BID CONSTRUCTION COST

\$180.650

FINAL CONSTRUCTION COST

\$180,650



This project consisted of 550 L.F. extension of Country Club Lane (KY 380) in Hopkinsville. Beginning at Ft. Campbell Blvd (US 41A), the road was extended through the commercial area to East 21st Street. Right of Way was acquired from two adjacent commercial businesses and the road was dedicated, as the area was previously used as access to the businesses and wasn't sufficient as a roadway. Drainage improvements were included, with the addition of drop box inlets, a storm sewer junction box, headwall, and drain piping. Curb and gutter were added and a barrier median improved driver safety at the intersection with US 41A. Permitting through KYTC was required because it is an intersection of State and Federal highways. Utility relocation was coordinated through Bell, as all aerial utilities were moved because of conflicts with the proposed roadway.

MSU DRIVE EXTENSION

COMMUNITY & DEVELOPMENT SERVICES | BELL ENGINEERING

HOPKINSVILLE, KY

KEY PERSONNEL

Project Manager: Robert L. Pickerill, PE

Project Engineers: David M. Howell, PE

COMPLETION DATE

2014

CONTACT/REFERENCE

Steven R. Bourne, Director 270.887.4285 sbourne@comdev-services.com 710 South Main Street Hopkinsville, KY 42240

CONSULTING FEE

\$25,000

EST. CONSTRUCTION COST

\$425,000

BID CONSTRUCTION COST

\$403,470

FINAL CONSTRUCTION COST

\$513.830



drainage included large concrete ditches and large diameter piping.



QUINTIN COURT WIDENING

COMMUNITY & DEVELOPMENT SERVICES | BELL ENGINEERING

HOPKINSVILLE, KY

KEY PERSONNEL

Project Manager: Robert L. Pickerill, PE

Project Engineers: David M. Howell, PE

COMPLETION DATE

2012

CONTACT/REFERENCE

Steven R. Bourne, Director 270.887.4285 sbourne@comdev-services.com 710 South Main Street Hopkinsville, KY 42240

CONSULTING FEE

\$21,100

EST. CONSTRUCTION COST

\$92,600

BID CONSTRUCTION COST

\$147,050

FINAL CONSTRUCTION COST

\$147.050



This project consisted of constructing an additional 6' width on each side of Quintin Court in the industrial park in order to widen approximately 1000 lf of roadway from 2 lanes to 3 lanes. 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.

SECTION 4.0 FAMILIARITY WITH PROJECT

Based upon Request for Proposal 42-2019 issued on October 3, 2019, Bell Engineering understands that the Lexington-Fayette Urban County Government (LFUCG) is procuring a consulting engineer for services related to the Jacobson Park Roadway Widening Project.



The section of roadway to be widened is surrounded by the Kentucky American Water Company reservoir and has pipes running beneath it. It is the desire of LFUCG to widen the roadway to accommodate the passage of two, large emergency response vehicles. In order to accomplish this task, the loading capacity of the roadway is to be evaluated and methods for increasing capacity are to be made, if needed.

Bell Engineering performed a preliminary site visit to the causeway at Jacobson Park on October 8, 2019. During this visit we reviewed the site conditions and



any challenges to the proposed roadway widening. It is our understanding that one of the main concerns is the ability to maintain emergency vehicle traffic over the roadway. Bell has designed several projects on the University of Kentucky campus in Lexington over the past several years where emergency vehicle access was of critical importance. Through these projects, our team is familiar with the sizes, weights and turning radii of many emergency vehicles with the fire vehicles being the most challenging. Bell has worked with LFUCG fire department personnel to determine response vehicle needs and actually run computer simulations to confirm that the vehicles can traverse the proposed routes.



The project has several elements that will need to be considered during design. Proper sizing of the new culvert will be obtained by performing watershed flow calculations along with any requirements to retain/pass specific flows as part of the reservoir function. The new culvert will need to be designed to allow construction before removal of existing culverts. Anti-seep collars may be needed on the new culvert to prevent erosion of the causeway.

Bell has the in-house structural capability to design the proposed retaining wall and has done several including walls with foundations with water influencing the bearing and possible hydrostatic concerns. Bell will work closely with the geotechnical engineer to determine the site conditions and design the culvert, walls and roadway section accordingly.



Statement of Qualifications RFP #42-2019 Engineering Services for Jacobson Park Roadway Widening Lexington-Fayette Urban County Government; Lexington, KY

SECTION 5.0 DEGREE OF LOCAL EMPLOYMENT

Responsiveness, quality and satisfaction are the Bell team's primary goals. Bell Engineering is truly a Kentucky owned and operated firm; our corporate headquarters remains centrally located in Lexington, Kentucky and all team members will perform work from our Lexington office. Additionally, all subconsultants have corporate offices in Lexington.

Our entire project team is minutes away from the project location. Staff can be on-site as needed or for emergencies with little notice. The Lexington-Fayette Urban County Government can feel confident that our team will be available to offer guidance and receive input throughout completion of the Jacobson Park Roadway Widening Project. Additionally, our team is available 24 hours a day, 7 days a week to ensure that you are satisfied with our services and that your needs are being met.



Bell Engineering Corporate Office

2480 Fortune Drive, Suite 350 Lexington, KY 40509 Phone: 859/278-5412

SECTION 6.0 ESTIMATED COST OF SERVICES

CONSULTANT SERVICES	LUMP SUM FEE
1. Site Plan, Schematics & Cost Estimate	\$24,000
2. Construction Documents	
50% Completion	\$3,250
100% Completion	\$3,250
3. Permit Application Preparation	\$2,000
4. Bidding & Negotiation	\$3,250
5. Construction Administration	\$6,800
6. As-built Drawings	\$1,600
TOTAL	\$44,150

TITLE/SKILL LEVEL	HOURLY RATE
Principal	\$199.00
Senior Project Engineer	\$154.00
Project Engineer	\$133.00
Engineering Technician	\$102.00
Drafting/CAD Technician	\$81.00
Field Services	\$78.00
Administration	\$71.00

APPENDIX A

BELL ENGINEERING AFFIRMATIVE ACTION PLAN

REQUIRED AFFIDAVIT

EQUAL OPPORTUNITY AGREEMENT

WORKFORCE ANALYSIS FORM

DBE PARTICIPATION FORM

GENERAL PROVISIONS

CERTIFICATE OF INSURANCE

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

<u>Discussion</u>: Consultants are long-term employees, presently retired from full-time service but still working part-time, providing a special expertise to the firm. <u>Conclusion</u>: 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. <u>Job Category: Principal</u>

<u>Discussion</u>: 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.

<u>Conclusion</u>: Because openings in this category are extremely limited, the establish-

<u>Conclusion</u>: 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. <u>Job Category: Engineer</u>

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 5.3 percent of the experienced work force. <u>Conclusion</u>: 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. <u>Job Category: Architect</u>

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 5.3 percent of the experienced work force. <u>Conclusion</u>: 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. <u>Job Category: Designer/Planner</u>

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force. <u>Conclusion</u>: 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

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force. <u>Conclusion</u>: When an opening occurs we will encourage and promote full opportunity for minority and women employees with the requisite skills and education.

g. <u>Job Category: Inspector/Operations Specialist</u>

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 20.1 percent of the experienced work force. <u>Conclusion</u>: 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

<u>Discussion</u>: Within the recruiting area, minorities possessing the requisite skills for this category represent approximately 23.7 percent of the experienced work force.

<u>Conclusion</u>: 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

<u>Discussion</u>: 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. <u>Job Category: Administrative Assistant</u>

<u>Discussion</u>: 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

<u>Discussion</u>: 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:

	New Minority	Target
<u>Position</u>	<u>Employees</u>	<u>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. <u>Development and Execution of Program</u>

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. <u>Training</u>

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. <u>Separation</u>

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. <u>Adoption of Policy</u>

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

Roy L. Bohon, II Secretary-Treasurer James K. Roberts, PE, PLS Executive Vice President

Date September 10, 2019

<u>AFFIDAVIT</u>

Comes the Affiant, <u>James K. Roberts, PE, PLS</u> , and after					
being first duly sworn, states under penalty of perjury as follows:					
1. His/her name is James K. Roberts, PE, 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.

Jam U. Calut, PE, PIX	
STATE OF <u>Kentucky</u>	
COUNTY OF <u>Fayette</u>	
The foregoing instrument was subscribed, sworn to and acknowledge	ed
before me by <u>James K. Roberts, PE, PLS</u> on th	is
the <u>/3†½</u> day of <u>September</u> , 2019.	
My Commission expires: Oct. 14 3021	
San Sall	
NOTARY PUBLIC, STATE AT LARGE	

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.

Signature Erec Vice Rev Lint

Bell Engineering
Name of Business

Name of Organization: Bell Engineering

Categories	Total	Wh (N Hisp o Lati	ot anic r	Hisp o Lat		Afrid Ame (N Hisp	ck or can- rican fot eanic er ino)	Haw Ot Pac Islan (N Hisp	tive ailan nd her cific nder lot panic or	Hisp	ian lot panic or ino)	Amer India Alasi Nati (No Hispa oı Latir	n or kan ive ot anic	Two mo rac Asi (N Hisp o Lati	ore ces an ot anic r	То	tal
		M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F
Administrators	1		1														1
Professionals	17	17														17	
Superintendents											:						
Supervisors	3	2	1													2	1
Foremen	8	8														8	
Technicians	7	6	1													6	1
Protective Service																	
Para-Professionals	2	2		_					_							2	
Office/Clerical	3		3														3
Skilled Craft																	
Service/Maintenance																	
Total:	41	35	6													35	6

Prepared By: Megan Hogan, CPSM, Director of Marketing Date: 09 / 10 / 2019

Name & Title

Revised 2015-Dec-15



LFUCG MWDBE PARTICIPATION FORM Bid/RFP/Quote Reference # RFP #42-2019 Jacobson Park Roadway Widening

The MWDBE and/or veteran 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. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value Of the Work	% Value of Total Contract		
1. TBD MWDBE Firm	MWDBE	Surveying/Engineering	N/A	10% of project		
2. TBD VBE Firm	VBE	Surveying/Engineering	N/A	3% of project		
3.						
4.						

The undersigned company representative submits the above list of MWDBE 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	Gamilio Calut, PE, PLC
October 21, 2019 Date	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 filling 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.

Signature Exec Vico Rosi2mt

September 10, 2019

Date



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/17/2019

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 have ADDITIONAL INSURED provisions or be endorsed.

PRODUCER Al Torstrick Insurance Agency Inc 343 Waller Avenue Phone		20
Al Torstrick Insurance Agency Inc 343 Waller Avenue PHONE (AJC, No, Ext): (859)233-1461	(A/C, No): (659)261-945	50
A Waller Avenue E-MAIL ADDRESS: rblain@altorstrick.com	N/	
Lexington KY 40504 INSURER A: State Auto Property & Casualty INSURED HK Bell Consulting Engineers Inc., DBA: Bell Engineering 2480 Fortune Dr, Ste 350 Lexington KY 40509 INSURER B: Continental Insurance INSURER C: INSURER C: INSURER E: INSURER E: INSURER E: INSURER F: COVERAGES CERTIFICATE NUMBER: 2019-2020 REVISION NUM THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICIED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. INSURER A: State Auto Property & Casualty INSURER C: INSURER C: INSURER B: Continental Insurance INSURER B: INSURANCE INSUR		
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CERTIFICATE HOLDER CANCELLATION		
SHOULD ANY OF THE ABOVE DESCRIBED POLICIE THE EXPIRATION DATE THEREOF, NOTICE WILL BE ACCORDANCE WITH THE POLICY PROVISIONS.		

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Robert Bles

125 Lisle Industrial Avenue

Suite 180

Lexington

KY 40511

AUTHORIZED REPRESENTATIVE



TODD SLATIN
DIRECTOR
CENTRAL PURCHASING

ADDENDUM #1

RFP Number: #42-2019

Date: October 3, 2019

Subject: Engineering Services for Jacobson Park Roadway Widening

Address inquiries to: Sondra Stone (859) 258-3320

TO ALL PROSPECTIVE SUBMITTERS:

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

Q: Can you provide a site map for the exact area in question?

A: See attached.

Todd Slatin, Director Division of Central Purchasing

Told Slater

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 submittal.

COMPANY NAME: Bell Engineering

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

SIGNATURE OF BIDDER: Way Tolan



2480 Fortune Drive Suite 350 Lexington, KY 40509 859.278.5412

107 Forbes Drive Hopkinsville, KY 42240 270.886.5466

1278 Hendersonville Road Suite D Asheville, NC 28803 828.774.5499

www.hkbell.com