



**Request for  
Qualifications  
for  
Professional  
Engineering  
Services – HVAC**

**RFP #34-2014**

**July 18, 2014**



July 17, 2014

Theresa Maynard, Buyer Senior  
Lexington-Fayette Urban County Government  
Room 338, Government Center  
200 E. Main St.  
Lexington, KY 40507

RE: RFP#34-2014 and Addendum #1  
Request for Qualifications for Professional Engineering Services

Dear Ms. Maynard:

CMTA is ready to help the Lexington-Fayette Urban County Government (LFUCG) with its heating, ventilation and air conditioning improvements on properties throughout the city.

For 45 years CMTA has been delivering quality engineering design to owners across the United States including LFUCG. We are recognized as national experts in sustainable, high performance design. Our experience with LFUCG goes back over 25 years and encompasses over 50 projects ranging from HVAC studies to complete MEP design services for new construction and renovations.

Our government work includes some of the most energy efficient buildings in the country and range from office buildings to medical facilities to aviation facilities. We believe in working closely with the owner and the design team to ensure that your vision becomes your reality.

Our minority partner is SSB Engineering, a National Minority Supplier Development Council Certified Business. CMTA has a long-standing relationship with SSB and they will supply ten percent of the MEP services under any contracts awarded through this prequalification.

Embedded in our culture is the goal of exceeding the expectations of the client. We understand that the project building is not our building, it is yours. We work throughout projects with your needs in mind. In order to meet those needs, we will bring new ideas and innovative approaches to our engineering designs to ensure that you get the best building possible within your scope and budget. We will challenge you with thoughts and ideas as well as challenging the team on issues that affect us all.

As you read through this proposal you will see that we are exceptionally qualified to provide MEP engineering design for LFUCG. We value our relationship with LFUCG and want to continue providing high quality MEP services to the City. We look forward to hearing back from you.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Mussler".

Kevin Mussler, PE, LEED AP, CxA  
Principal-in-Charge

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T 812.725.8383 | [www.cmtaegrs.com](http://www.cmtaegrs.com)

Kentucky | Texas | Indiana  
Mechanical | Electrical | Net Zero Engineering

**CMTA Inc.***Established 1968*[www.cmtaegr.com](http://www.cmtaegr.com)**Lexington Office**

Kevin Mussler, Vice President

2429 Members Way

Lexington, Kentucky 40504

859-253-0892

[kmussler@cmtaegr.com](mailto:kmussler@cmtaegr.com)

CMTA's Lexington Office Building  
Targeted to LEED Platinum  
(Opened Summer 2013)

**Number of Registered Professional Engineers  
(firmwide): 44**

**Dual Registered Engineers (PE and Fire Protection  
Engineer): 2**

CMTA is the largest MEP consulting engineering firm in Kentucky. Ranked in the top 60 MEP firms in North America, CMTA has over 90 employees in its Louisville, Lexington, Houston (Texas) and southern Indiana offices. This includes 44 licensed professional engineers (PEs) and 13 engineers in training (EITs).

Founded in 1968, the firm is known nationwide for its expertise in sustainable, high performance design. CMTA's engineers put their high performance design principles to work when they designed their corporate headquarters, the first LEED Gold building in Jefferson County. The 20,000 square foot building features geothermal heating and cooling, ICF walls, energy efficient lighting, daylighting, solar PV and recycled materials. CMTA also designed their new Lexington office which is LEED Platinum - Target.

CMTA engineered the first Net Zero Energy Public School in the U.S. This facility, Richardsville Elementary School in Warren County, Kentucky, produces as much energy on site as it draws from the power grid.

The firm has successfully completed many projects over the past 30 years for LFUCG including:

New Lexington Senior Citizens Facility

Public Safety Operations Center – Design

Prime consultant on HVAC system upgrades for LFUCG Police Technical Services Unit

Prime consultant on Ag Extension Building Chiller Replacement

Prime consultant designing the addition of heat pump loop filters for 4 existing buildings

Prime consultant on complete HVAC controls replacement of the Ag Center/Co-op Office

Prime consultant on complete HVAC renovation of the 13-story government center

Prime consultant of HVAC renovation of Family Care Center, replacement of cooling tower and heat pumps

New recycling center

Health Department Renovation and Addition

Robert F Stephens Courthouse Complex

New police roll call center

**MBE Participation**

CMTA has a long-standing relationship with SSB Engineering, a National Minority Development Council Certified Business. SSB Engineering will provide 10 percent of the total MEP contract for any projects arising from this prequalification. Their services will include site verification and measurement, design assistance, and construction administration.

**SSB Engineering**

SSB Engineering is a National Minority Supplier Development Council (NMSDC) Certified Business supplying high quality MEP and civil engineering services. The firm has a wide range of experience in the federal, education, health care and commercial markets.

Anthony Sickles, PLS

Mr. Sickles has over 25 years experience in providing professional consulting services to both private and public entities. His consulting services include program and project management, feasibility studies, permitting, regulatory compliance, right of way and real property acquisition, valuation studies, utility relocation, record management and geomatics.

Kenneth L. Seibert, PE, LEED AP

Mr. Seibert is a licensed professional engineer in 38 states and the District of Columbia. He is a national expert in the area of Net Zero Energy engineering design and led the design of three NZE projects currently in operation.

James O. Benson, RCDD, LEED AP

Mr. Benson is an experienced project manager with expertise in electrical systems and technology design. He has provided quality oversight and project management to several high performance buildings and NZE projects.

R. Anthony Hans, PE, RCDD, LEED AP

Mr. Hans is a licensed professional engineer in 40 states, the District of Columbia and Puerto Rico. He is experienced in the areas of solar photovoltaic systems, daylight harvesting and energy efficient lighting design. He has been the project manager and electrical engineer for five NZE projects.

<b>CMTA Inc. Team Members</b>	<b>Years in Industry</b>	<b>Years with Firm</b>	<b>Location</b>
Kevin Mussler, PE, LEED AP, CxA Principal-in-Charge Mechanical Engineer	20 years	20 years	Lexington
Sam Claxton, PE, FPE Project Manager Mechanical Engineer	13 years	4 years	Lexington
Donald L. Crayne, PE, LEED AP Mechanical Engineer	35 years	30 years	Lexington
Aaron D. Shultz, PE, LEED AP Mechanical Engineer	19 years	4 years	Lexington
Carrie Kelty, PE, LEED AP Mechanical Engineer	9 years	9 years	Lexington
Russ Crawford, BSME Mechanical Engineer	23 years	23 years	Lexington
David R. Higgins, RCDD, LEED AP Electrical Engineer/Sustainability	31 years	24 years	Lexington
Greg Brumagen, PE, RCDD, CxA Electrical Engineer	10 years	1 years	Lexington
<b>SSB Team Members (MBE Firm)</b>			
Tony Sickles, RPLS, LRP, MBA President	25 years	3 years	Louisville
Kenneth L. Seibert, PE, LEED AP Mechanical Engineer	31 years	3 years	Louisville
Tony Hans, PE, RCDD, LEED AP Electrical Engineer	18 years	3 years	Louisville

**Kevin Mussler, PE, LEED AP, CxA**  
*Vice President*  
*Partner, Principal in Charge*



## Education

Mr. Mussler received a Bachelor of Science in Mechanical Engineering at the University of Kentucky in 1997.

## Registrations

Licensed Professional Engineer in the State of Kentucky (# 22296)

Board of Directors for the USGBC

LEED (Leadership in Energy and Environmental Design) Accredited Professional

Certified Commissioning Agent by AABC

## Recent Projects

Lexington Senior Citizens Center  
Lexington, Kentucky

LFUCG Mayor's Office Ballroom HVAC Study  
Lexington, Kentucky

LFUCG Switow Building Air Quality  
Lexington, Kentucky

Good Samaritan AHU Replacements  
University of Kentucky  
Lexington, Kentucky

Dental School AHU Replacement  
University of Kentucky  
Lexington, Kentucky

Central Baptist Hospital New Facility  
Lexington, Kentucky

LexTran Facility  
Lexington, Kentucky



## Experience

Mr. Mussler has been employed with CMTA since 1994, became a partner in 2003, and is now the managing partner of the Lexington office. He has excellent project management skills developed while serving as Project Manager or Lead Mechanical Engineer on many significant projects designed by CMTA. Mr. Mussler understands that it is the Owner who is the true judge of how well a project has been completed and his ability to exceed their expectations is well respected.

Mr. Mussler has extensive knowledge of the design of variable air volume systems and fan optimization through the use of computer aided design software. In addition, he is also well versed in the design of healthcare and detention facilities which includes familiarity with the vast codes that apply to these complicated project types. He has designed maximum and medium security detention facilities throughout the State of Kentucky as well as hospital replacements in Kentucky, Virginia and Indiana. His most recent project was the \$20,000,000 LEED Gold CAER Laboratory for the University of Kentucky.

As the Principal-in-Charge, Mr. Mussler will coordinate with the Owner, the Architect and the CMTA Design Team to meet the expectations of all projects. He will ensure that energy efficient design principles are incorporated into the MEP systems.



**Sam Claxton, PE, FPE**  
*Mechanical Engineer*

## Education

Mr. Claxton received a Bachelor of Science Degree in Mechanical Engineering from the University of Tennessee in 2001.

## Registrations

Licensed Professional Engineer in the State of Kentucky (#27243) and in the states of Tennessee, Florida, North Carolina and Nevada

Licensed Fire Protection Engineer

## Recent Projects

Lexington Senior Citizens Center  
Lexington, Kentucky

UK Good Samaritan AHU Replacements  
Lexington, Kentucky

Central Baptist Hospital New Facility  
Lexington, Kentucky

Transylvania University Forrer Hall  
Renovation  
Lexington, Kentucky

UK Multi-Disciplinary Sciences Building  
Renovation  
Lexington, Kentucky

UK Center for Applied Energy Research  
Lexington, Kentucky

UK New Academic Science Building  
Lexington, Kentucky



## Experience

Mr. Claxton joined CMTA in 2010. He has over 11 years of experience designing energy efficient HVAC systems and has a broad knowledge of plumbing and fire-protection systems. He has spent most of his career as a consulting engineer but has also spent time as a Director of Facilities for a national property management company.

Mr. Claxton's experience encompasses a wide range of facilities including health care, higher education, athletics, research facilities, convention centers, resorts and office buildings. During his career he has designed HVAC and smoke management systems and performed energy audits for new and existing facilities. He is knowledgeable about energy models and the affect of HVAC systems on the building's overall performance. His most recent project is the \$200 million Central Baptist Expansion in Lexington Kentucky where is served as the lead mechanical engineer.

As the mechanical engineer Mr. Claxton will be responsible for the design of mechanical systems for all projects. He will coordinate with the Design Team to meet the expectations of each project.



**Donald L. Crayne, PE, LEED AP**  
*Partner, Mechanical Engineer*

## Education

Mr. Crayne is a graduate of the University of Kentucky with a Bachelor of Science in Mechanical Engineering in 1989.

## Registrations

Licensed Professional Engineer in the State of Kentucky (#22546)

LEED (Leadership in Energy and Environmental Design) Accredited Professional

IGSHPA – International Geothermal Heat Pump Association – Accredited Installer

## Recent Projects

Lexington Senior Citizens Center  
Lexington, Kentucky

LFUCG Mayor's Office Ballroom HVAC Study  
Lexington, Kentucky

LFUCG Switow Building Air Quality  
Lexington, Kentucky

LexTran Facility  
Lexington, Kentucky

Mignon Hall Renovation  
Morehead State University  
Morehead, Kentucky

Combs Hall Chiller Replacement  
Morehead State University  
Morehead, Kentucky

Mignon Hall New Residence Hall  
Morehead State University  
Morehead, Kentucky



## Experience

Mr. Crayne has been with CMTA for 30 years and a Partner for 20 years. He brings over 35 years of mechanical engineering systems experience to the firm. This experience means Mr. Crayne can provide inventive engineering solutions during design and work "hands on" with contractors to discover solutions during construction.

Mr. Crayne has successfully designed many different types of projects, including: acoustically sensitive theaters, recording studios, TV studios, and performance hall, courthouses, K-12 schools, natatoriums, residence halls, banks, wellness centers, data centers, detention centers, with clients as diverse as universities, state government, municipalities, and the Army Corps of Engineers.

Mr. Crayne personally engineered the largest geothermal system in the states now in its 20<sup>th</sup> year of operation. Mr. Crayne is also the Engineer of Record for the very first courthouse facility in the state to score in the upper 25<sup>th</sup> percentile using the ENERGY STAR evaluation system.

As a mechanical engineer Mr. Crayne will be responsible for the design of mechanical systems for all projects. He will coordinate with the Design Team to meet the expectations of each project.





## **Aaron D. Shultz, PE, LEED AP** *Mechanical Engineer*

### **Education**

Mr. Shultz is a graduate of Kansas State University with a Bachelor of Science in Architectural Engineering in 1995.

### **Registrations**

Mr. Shultz is a Licensed Professional Engineer in the states of Indiana (#10200263), Kansas (#16056), Kentucky (#24147) and Ohio (#66840)



LEED (Leadership in Energy and Environmental Design) Accredited Professional

### **Activities**

ASHRAE – Member  
American Society of Heating/  
Refrigeration/Air Conditioning Engineers

AEI – Member Architectural Engineering  
Institute (part of ASCE)

### **Recent Projects**

Dental School AHU Replacement  
University of Kentucky  
Lexington, Kentucky

Central Baptist Hospital New Facility  
Lexington, Kentucky

Combs Hall Chiller Replacement  
Morehead State University  
Morehead, Kentucky

Academic Center Renovation  
Transylvania University  
Lexington, Kentucky

Electronic Health Records  
University of Kentucky  
Lexington, Kentucky

### **Experience**

Mr. Shultz joined CMTA in March 2010. He has a wide variety of experience including higher education, K-12 schools, correctional facilities, fire stations, offices, commercial retail, manufacturing, churches, maintenance facilities, healthcare, police stations, courthouses, National Guard facilities and casinos.

He excels in designing HVAC systems including constant volume, variable volume, heat pumps, geothermal, central plants, boilers, and chillers. In addition he has considerable experience designing plumbing and fire protection systems.

Mr. Shultz believes in a collaborative approach to every project realizing the project's success depends on exceeding the owner's expectations. Achieving effective communication and collaboration among all members of the project team (owner, architect, engineers, and contractors) are essential to a successful project.

As a mechanical engineer Mr. Shultz will be responsible for the design of mechanical systems for all projects. He will coordinate with the Design Team to meet the expectations of each project.



## **Carrie Kelty, PE, LEED AP** *Mechanical Engineer*

### **Education**

Ms. Kelty graduated from University of Kentucky in 2007 with a Bachelor of Science Degree in Mechanical Engineering. She also has Bachelor of Science Degree in Engineering Arts from Georgetown College.

### **Registrations**

Licensed Professional Engineer in Kentucky (#28333)

LEED (Leadership in Energy and Environmental Design) Accredited Professional

Certified Variable Refrigerant Flow Designer

### **Activities**

ASHRAE – Bluegrass Chapter  
President

ASHRAE – Society YEA (Young Engineers in ASHRAE)  
Consultant

### **Recent Projects**

Dental School AHU Replacement  
University of Kentucky  
Lexington, Kentucky

Central Baptist Hospital New Facility  
Lexington, Kentucky

LexTran New Facility  
Lexington, Kentucky

Center for Applied Energy Research  
University of Kentucky  
Lexington, Kentucky

New Academic Science Building  
University of Kentucky  
Lexington, Kentucky



### **Experience**

Ms. Kelty joined CMTA as a co-op in January 2005. Her experience includes educational, judicial and detention, and healthcare facilities. One of her most recent projects with CMTA was a 96,000 square foot higher education renovation facility in which she was responsible for the mechanical design.

Ms. Kelty is knowledgeable in building information modeling and energy modeling and uses the software to develop innovative design approaches to better implement efficient mechanical systems.

As a mechanical engineer Mrs. Kelty will be responsible for the design of mechanical systems for all projects. She will coordinate with the Design Team to meet the expectations of each project.



## **Russell Crawford, BSME** ***Mechanical Design***

### **Education**

Mr. Crawford is a graduate of the University of Kentucky with a Bachelor of Science in Mechanical Engineering.



### **Recent Projects**

Lexington Senior Citizens Center  
Lexington, Kentucky

Dental School AHU Replacement  
University of Kentucky  
Lexington, Kentucky

Central Baptist Hospital New Facility  
Lexington, Kentucky

LexTran Facility  
Lexington, Kentucky

Mignon Hall Renovation  
Morehead State University  
Morehead, Kentucky

### **Experience**

Mr. Crawford joined CMTA as a Mechanical Designer in 1991 and has over 20 years experience as lead mechanical designer, mechanical contractor, and project engineer.

Mr. Crawford's engineering experience covers many different facility types ranging from elementary to higher education as well as recreational and auditorium buildings for the public and private sector. He specializes in the design of educational facilities with a particular emphasis on sustainable/high performance strategies.

Utilizing his practical experience to working closely with contractors, Mr. Crawford communicates diligently with the owner and others involved with the project to ensure that expectations are met and a successful project is produced.

Throughout projects, he is responsible for coordination of architectural and engineering systems, budget development and cost opinions, construction phasing, design quality control and life safety code review.



**David R. Higgins II, RCDD, LEED AP**  
*Partner, Sustainability & Special Technology*

## Education

Mr. Higgins is a 1992 graduate from the University of Kentucky with a Bachelor of Science in Electrical Engineering and a minor in Mathematics.

## Registrations

RCDD (Registered Communications Distribution Designer)

LEED (Leadership in Energy and Environmental Design) Accredited Professional

## Professional Activities

SCAAC – (School Curriculum Assessment and Accountability Council, Governor Appointee)

KASC – 3 Term Board of Directors (Kentucky Association of School Councils)

Green & Healthy School Buildings (Standards Contributing Author)

SBDM 3 Terms (Site Based Decision Making Council)

Kentucky Solar Partnership

USGBC (United States Green Building Council) Member

## Recent Projects

Lexington Senior Citizens Center  
Lexington, Kentucky

Combs Hall Chiller Replacement  
Morehead State University  
Morehead, Kentucky

Academic Center Renovation  
Transylvania University  
Lexington, Kentucky



## Experience

Mr. Higgins brings a diversified engineering background to our team. Before joining CMTA in 1991, his prior experience includes employment by Fortune 500 Company General Electric as well as Jackson Utility Division, a multi-service electric, gas, & water distribution company headquartered in Jackson, Tennessee.

Mr. Higgins has extensive project management and engineering design team leadership experience relative to education and health care facilities. During his career with CMTA, Mr. Higgins has designed and managed educational projects ranging from K-12 to University level projects across the Commonwealth of Kentucky and health care projects throughout the Midwest and Southeast regions of the United States.

Mr. Higgins is also Principal-in-Charge of CMTA's "High Performance Building" Studio, with the mission of continually meeting the needs of today's generation without compromising the needs of future generations through holistic and evolving design approaches.

As the engineering team member responsible for sustainability, Mr. Higgins will ensure that the MEP systems meet the project's requirements for sustainability especially in the area on energy efficiency. Mr. Higgins will ensure the MEP systems provide a comfortable and sustainable environment.



## **Greg Brumagen, PE, RCDD, CxA** *Electrical Engineer*

### **Education**

Mr. Brumagen received a Bachelor of Science Degree in Electrical Engineering from University of Kentucky in 2002 and an Associates of Science Degree in Computer Information Systems from the University of Kentucky in 2000.



### **Registrations**

Mr. Brumagen is a licensed professional engineer in the state of Kentucky (#26077)

RCDD (Registered Communications Distribution Designer, #161016R)

CxA (Certified Commissioning Authority #513-1230)

### **Recent Projects**

Lexington Senior Citizens Center  
Lexington, Kentucky

Mignon Hall Renovation  
Morehead State University  
Morehead, Kentucky

### **Experience**

Greg Brumagen joined CMTA in 2014. He has over ten years of experience designing energy efficient building and site electrical systems.

Mr. Brumagen has broad knowledge of building systems that include power distribution, lighting, site and architectural lighting, lighting control, fire alarm, voice and data, emergency power generators, UPS, lightning protection, grounding, security, Intrusion Detection Systems (IDS), Sensitive Compartmented Information Facilities (SCIF), Secret Internet Protocol Router Network (SIPRNet), CCTV, and elevator control interface.

Mr. Brumagen has experience with various military branches including the Army, Navy, Air Force, Reserves and Marine Corps as well as extensive experience with design development charrettes, D/B RFPs, 1391's, AT/FP measures and sustainable design features.

Mr. Brumagen has designed multiple Federal LEED facilities that have achieved a Silver rating.

As Lead Electrical Engineer, Mr. Brumagen will coordinate all electrical design requirements with design team and end-user personnel to ensure all systems meet the standards and requirements of the specific facility.



**Tony Sickles, MBA,  
RPLS, LRP  
*president***

## **education**

Mr. Sickles graduated from Campbellsville University with a Masters of Business Administration and the University of Louisville with a Bachelor of Arts Degree in Biology and Associate of Applied Science in Civil Engineering Technology.

## **registration**

Professional Land Surveyor:  
Ohio #8299  
Georgia #2877  
Kentucky #3129  
Tennessee #1779  
South Carolina #22374  
North Carolina #5030

Professional Real Estate Agent,  
Kentucky

Real Estate Broker, Kentucky

License Real Property Appraiser,  
Kentucky

## **experience**

Mr. Sickles is the President and CEO of SSB Engineering.

Mr. Sickles has over 25 years experience in providing professional consulting services to both private and public entities. His consulting services include program and project management, feasibility studies, permitting, regulatory compliance, right of way and real property acquisition, valuation studies, utility relocation, record management and geomatics.

Mr. Sickles is an expert within the disciplines of boundary, cadastral, construction, and geodetic surveying. He is a dynamic results oriented leader with a proven track record of performance and well rounded business experience including facilities management, property management, building systems, contracting, facility build-out & modifications, construction, inspection, public utilities, technical consulting, food and beverage industry, property development, maintenance, real estate and disadvantage business practices.

As Project Manager for SSB Engineering, Mr. Sickles will coordinate with the design team to meet the expectations of the project. He will ensure that energy efficient design principles are incorporated into all designs.

## **related projects**

Cincinnati Public Schools  
Energy Assessment and Renovation – Phase II  
Cincinnati, Ohio

Kentucky Community & Technical College System  
Jefferson Community Technical College – Allied Health & Nursing Building  
Louisville, Kentucky

Kentucky Community & Technical College System  
Bowling Green Community & Technical College – Franklin-Simpson Technical Center  
Bowling Green, Kentucky

University of Louisville  
Bettie Johnson Hall  
Louisville, Kentucky

Clarksdale HOPE VI  
Housing Redevelopment  
Louisville, Kentucky



**Kenneth L. Seibert, PE,  
LEED AP  
Vice President  
Mechanical Engineer**

### **education**

Mr. Seibert graduated from the University of Kentucky in 1983 with a Bachelor of Science Degree in Mechanical Engineering. He is a member of the Pi Tau Sigma honor fraternity.

### **registration**

Mr. Seibert has been a licensed engineer in Kentucky (#15342) since 1988. He is currently licensed to practice engineering in 38 states and the District of Columbia.

LEED (Leadership in Energy and Environmental Design) Accredited Professional

### **experience**

Mr. Seibert is one of the founding partners of SSB Engineering.

His areas of expertise are heat transfer, fluids, indoor air quality, steam systems, heat recovery and geothermal systems. Because of his leadership CMTA is recognized as a national leader in the area of high performance, energy efficient designs. CMTA's expertise in this area is demonstrated by our 86 ENERGY STAR and 34 LEED projects.

Mr. Seibert is an expert in the area of sustainable MEP engineering design for education and health care. As the Principal-in-Charge of the Richardsville Elementary engineering design team, he introduced several innovative sustainable design strategies that made achieving Net Zero Energy affordable for a public school. Richardsville Elementary is the first Net Zero Energy Public School in the United States.

Mr. Seibert speaks nationally on high performance, sustainable buildings. He has presented at NAVFAC SE Energy Partnership Meeting (Jacksonville), Army Net Zero Energy Conference (Chicago), US Department of Energy Interagency Sustainable Working Group Forum (Washington, DC), Greenbuild (Toronto), Council of Education Facility Planners International Net Zero Symposium (Dallas), ASHRAE's Net Zero Energy Conference (San Francisco), Greening the Heartland (Cincinnati), ASHRAE's High Performing Schools Conference (Atlanta), Midwest Healthcare Engineer's Conference (Indianapolis), Kentucky Governor's Energy Conference (Lexington), CEFPI Southeast Regional Meeting (Kiawah Island, South Carolina), University of Louisville (Louisville, Kentucky) and Ball State University (Muncie, Indiana).

### **related projects**

Cincinnati Public Schools  
Energy Assessment and Renovation – Phase II  
Cincinnati, Ohio



**Tony Hans, PE, RCDD,  
LEED AP**  
*vice president  
electrical engineer*

## **education**

Mr. Hans has a Master of Engineering Degree and a Bachelor of Electrical Engineering Degree from the University of Louisville Speed School.

## **registration**

Mr. Hans is a licensed professional engineer in Kentucky (# 23143) and 45 additional states including Puerto Rico and Hawaii.

Registered Communications  
Distribution Designer (RCDD)

LEED (Leadership in Energy and  
Environmental Design) Accredited  
Professional

## **experience**

Mr. Hans is one of the founding partners of SSB Engineering.

Using his expertise in sustainable design, Mr. Hans works with architects and owners to increase the potential of projects to be sustainable.

He has in-depth knowledge of sustainable systems and will work with owners and architects to structure funding arrangements for renewable energy.

Mr. Hans is an expert in the area of daylight harvesting, occupancy/vacancy controls and solar photovoltaic systems. He excels in the areas of Telecommunications Distribution and Lighting Design. He has extensive experience with intricate digital systems including video conferencing, media retrieval, and telecommunications systems.

His other areas of expertise include fire alarm and detection systems, intercom, security, data/voice and power distribution systems, including computer sensitive uninterruptible power and emergency generator back-up systems.

## **related projects**

Cincinnati Public Schools  
Energy Assessment and Renovation – Phase II  
Cincinnati, Ohio



**Relevant Projects Completed in the Last 5 Years****Lexington Senior Citizens Center**

Ongoing

Services provided: 2013 – forward

Project description: This project is a replacement facility for Lexington's Senior Citizen Center to be located inside Idle Hour Park. The new Senior Citizen Center will focus on flexible multi-purpose areas. Planned programs include art activities, educational classes, recreational (dance and exercise) classes, a game area, and library. Additional space will be provided for personal services and private consultations. A warming kitchen and associated storage and dining space will also be included. Offices for Center staff and partner agencies will be included as well as storage throughout the building to accommodate various activities.

Construction Cost: Not Bid Yet

CMTA Team Members: David Higgins – Principal-in-Charge, Donny Crayne – Project Manager/Mechanical Engineer, Sam Claxton – Mechanical Engineer, Greg Brumagen – Electrical Engineer, Russ Crawford – Mechanical/Plumbing Design, Kevin Mussler – Quality Control

**LFUCG Mayor's Office – Ballroom HVAC Study**

Completed 2012

Services provided 2012

Project description: This project involved a study of the Mayor's Office Ballroom examining the existing HVAC system to determine appropriate alternative systems. Recommendations and cost estimates were provided.

Construction Cost: N/A

CMTA Team Members: Kevin Mussler – Principal-in-Charge/Mechanical Engineer

**LFUCG Switow Building Air Quality Study**

Completed 2009

Services provided: 2008–09

Project description: This project involved investigating occupant complaints about comfort and indoor air quality. Recommendations and cost estimates were provided.

Construction Cost: N/A

CMTA Team Members: Kevin Mussler – Principal-in-Charge/Mechanical Engineer

**Morehead State University Combs Hall Chiller Replacement**

Completed: 2013

Services provided 2013

Project description: This project involved the replacement of two one-hundred ton chillers, four pumps and a steam to hot water heat exchanger in the basement of Combs Hall.

Construction Cost: \$244,862

CMTA Team Members: David Higgins – Principal-in-Charge, Donny Crayne – Project Manager/Mechanical Engineer, Aaron Shultz – Mechanical Engineer

**UK Good Samaritan AHU Replacements**

Completed 2014

Services provided 2013-14

Project description: Good Samaritan Hospital replaced two air handling units which serve floors four through seven, the second floor operating rooms and pre-operative and post-operative acute care unit areas as well as the radiology department. This project was completed while the hospital remained operational.

The air handling unit replacement project increased airflows in each operating room to current standards as well as provided increased airflows for new code requirements and the addition of heating producing equipment. New chases were added to get the air up through the building and ductwork was added and replaced. Air terminal units were replaced for the operating rooms.

The new air handling units will provide low temperature air to maintain design conditions of 62°F at 60% relative humidity in the operating rooms. The units also incorporate clean steam to provide humidification during the winter.

Construction Cost: \$2,800,000

CMTA Team Members: Kevin Mussler – Principal-in-Charge, Sam Claxton – Project Manager/Mechanical Engineer

**UK Dental School AHU Replacement**

Completed 2013

Services provided 2012-13

Project Description: The University of Kentucky renovated the simulation lab of the Dental College as well as replaced the existing air handling unit, heat exchangers, pumps, and steam station for the building. The project is 5,000 sq. ft. with critical phasing to accommodate existing occupancy schedules.

The renovated simulation lab utilized the replaced air handling unit and VAV system to provide air conditioning to the space. The replacement included the return fan array for maintainability and two high velocity dilution fans provide the necessary lab exhaust. The building's heat exchanger, pumps, and steam station were replaced for the entire building to establish the longevity of the HVAC system within the building.

Construction Cost: \$2,100,000

CMTA Team Members: Kevin Mussler – Principal-in-Charge, Carrie Kelty – Mechanical Engineer, Russ Crawford – Mechanical/Plumbing Design, Aaron Shultz – Mechanical Engineer

**Transylvania University Academic Center Renovation**

Completed: 2013

Services provided: 2012-13

Project description: This project involved renovating part of the basement of the existing Academic Building from a library stack area into individual study rooms and areas. Existing systems were modified for the new plan layout.

Construction Cost: \$241,010

CMTA Team Members: David Higgins – Principal-in-Charge, Aaron Shultz – Mechanical Engineer

**LexTran Facility**

Completed: estimated 2015

Services provided 2012-16

Project description: This \$15 million design build project is in conjunction with Messer Construction. It involves the design of a campus including an Administration Building, Maintenance Building, and Fuel & Wash Building. The Administration Building is a 22,600 square foot building pending LEED Silver Certification.

The HVAC System for the Administration Building consists of a variable refrigerant flow system with a energy recovery unit to provide fresh air to the building. The energy recovery unit captures all possible energy from the outgoing exhaust air to condition the outside air coming into the building. The Maintenance Building utilizes roof top units to heat the large bay areas and condition the small office area. The Fuel & Wash Buildings are provided with heaters to maintain above freezing conditions. Direct digital control system is provided for the campus to enable remote monitoring and manipulation of the building systems.

Construction Cost: \$15,000,000

CMTA Team Members: Kevin Mussler – Principal-in-Charge, Carrie Kelty – Mechanical Engineer, Russ Crawford – Mechanical/Plumbing Design, Donny Crayne – Mechanical Engineer

**Morehead State University Mignon Hall Renovation**

Completed: 2014

Services provided 2012-14

Project description: This renovation was a general renovation and upgrades to the facility, including: mechanical upgrades; replacement of floor coverings; renovations of all bathroom, kitchen, and lobby areas; elevator upgrades; roof replacement; masonry repairs; IT upgrades; window replacement; ADA accessibility; and exterior drainage. To give the facility a new look the existing brick was replaced to match the appearance of other prominent buildings on campus.

CMTA engineered a new Fresh-Air and exhaust system that greatly increased the indoor air quality and energy efficiency. The cooling tower and the hydronic pumping systems were upgraded for enhanced HVAC performance. Steam fired instantaneous domestic water heater were added and now there are no large tanks of hot water losing energy continuously.

New dedicated outside air units were added to provide fresh air to meet code. This will stop the uncontrolled infiltration of humid outside air in the summer. An energy recovery wheel preconditions the outside air using waste exhaust air energy.

A 37 PSI steam boiler was added to provide backup heat, supplementing the campus steam system. This installation can provide steam to this residence hall and others in the surrounding areas if the campus steam system is down for repairs or in an emergency situation.

Construction Cost: \$7,200,000

CMTA Team Members: David Higgins – Principal-in-Charge, Donny Crayne – Project Manager/Mechanical Engineer, Greg Brumagen – Electrical Engineer, Russ Crawford – Mechanical/Plumbing Design

**Central Baptist Hospital**

Completed: estimated 2016

Services provided 2012-16

**Project description:** The Central Baptist hospital project involved an addition of a 450,000 sq. ft. patient tower to house a new state-of-the-art cancer center and a new women's center. The new cancer center included radiation therapy, a patient-centered chemotherapy/ infusion center, an expanded multidisciplinary oncology clinic, and CyberKnife. The women's center included labor and delivery, perinatology, antepartum, surgery suites, nursery, NICU and gynecology beds. In addition to the new patient tower, the project included a new 30,000 sq. ft. dining and dietary facility, a new 12 story parking garage, and an addition/renovation to the campus central utility plant.

Three one-thousand ton centrifugal chillers along with cooling towers and associated chilled and condenser water pumps were added to the campus central utility plant to provide cooling for the new additions. One of the 1000 ton centrifugal chillers is a dedicated heat recovery chiller. This chiller takes the heat off of the condenser that is normally wasted, boosts the temperature, and provides hot water that was used to heat all of the domestic hot water on campus as well as provide heating to a majority of the campus. This heat recovery chiller is over 5 times more efficient than the traditional boiler/chiller method of making hot and chilled water and was provided with less than a two year projected payback. The entire central utility plant addition and renovation was phased such that the plant functionality was not lost during construction.

The patient tower was heated and cooled by six custom air handling units. Each air handling unit utilized a fan array system on both the supply and the return. This system allowed the unit to fit in the smallest footprint possible while giving the hospital units with small enough motors to maintain, full n+1 redundancy, and optimum acoustics. Each variable volume air handling unit served a patient floor. The air handling units had multiple energy saving features such as premium efficiency motors, variable frequency drives, and air-side economizers. "Free" heat was provided to the tower by the new heat recover chiller.

Construction Cost: \$200,000,000

CMTA Team Members: Kevin Mussler – Principal-in-Charge/Mechanical Engineer, Sam Claxton – Project Manager/Mechanical Engineer, Aaron Shultz – Mechanical Engineer, Russ Crawford – Mechanical/Plumbing Design, Carrie Kelty – Mechanical Engineer

**CMTA Project****Reference**

Lexington Senior Citizens Center

Joyce Thomas, Administrative Officer Senior  
 LFUCG Department of General Services  
 200 E. Main St.  
 Lexington, KY 40507  
 859-258-3054

LFUCG:  
 Mayor's Office-Ballroom HVAC Study &  
 Switow Building Air Quality

Ben Turpin, Deputy Director of Building Maintenance  
 LFUCG  
 200 E. Main St.  
 Lexington, KY 40507  
 859-312-9526

UK Good Samaritan AHU Replacements

Ms. Sandy Redmon, Project Manager  
 University of Kentucky  
 222 Peterson Service Building  
 Lexington, KY 405xx  
 859-257-5911

UK Dental School AHU Replacement

Mr. Leo Foster  
 University of Kentucky  
 800 Rose St.  
 Lexington, KY 40536  
 859-257-3423

Central Baptist Hospital

Mr. Skip Alexander, Director of Construction  
 Baptist Healthcare  
 1740 Nicholasville Rd.  
 Lexington, KY 40503  
 859-260-6100

LexTran Facility

Mr. Rocky Burke, General Manager  
 LexTran  
 200E. Vine St.  
 Lexington, KY 40507  
 859-913-7756

Morehead State University:  
 Mignon Hall Renovation &  
 Combs Hall Chiller Replacement

Mr. Terry White, Construction Manager  
 Morehead State University  
 150 University Blvd.  
 Morehead, KY 40351  
 606-783-5273

Transylvania University Academic Center  
 Renovation

Mr. Darrell Banks, Director of Physical Plant  
 Transylvania University  
 300 North Broadway  
 Lexington, KY 40508  
 859-233-8207

<b>CMTA Personnel Category</b>	<b>Hourly Rate</b>
Principal	\$175/Hour
Engineer	\$130/Hour
Designers	\$115/Hour
Clerical	\$60/Hour

**CMTA Inc.**

*Established 1968*

[www.cmtaegrs.com](http://www.cmtaegrs.com)

**Lexington Office**

Established 1968

2429 Members Way

Lexington, Kentucky 40504

859-253-0892

**Number of Full Time Employees: 36**

CMTA's Lexington Office was opened in 1968 and served as the firm's headquarters until 2006 when the headquarters was changed to the Louisville Office.



CMTA's Lexington Office Building  
Targeted to LEED Platinum  
(Opened Summer 2013)

**Louisville Headquarters**

Established 1991

10411 Meeting Street

Prospect, Kentucky 40059

502-326-3085

**Number of Full Time Employees: 48**



# Mechanical Electrical Civil Engineering

*A National Minority Supplier Development Council (NMSDC) Certified Business*

## **Mechanical Design Services**

Chiller/boiler central plants  
HVAC systems including geothermal systems  
Specialized lab ventilation services  
Demand control ventilation systems  
Building infrastructure assessments



## **Electrical Design Services**

Lighting  
Daylight harvesting  
Power systems  
Emergency power systems  
Fire alarm systems  
Technology design  
High voltage distribution  
Low voltage distribution  
Solar photovoltaics



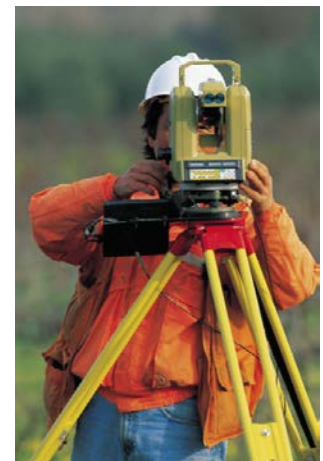
## **Plumbing**

Medical gas systems  
Water pressure boosting  
Laboratory process piping  
Solar thermal domestic water heating  
Rain water catchment  
Gray water recycling



## **Civil Engineering**

Boundary, topographic, hydrographic and construction surveys  
Site development planning and design  
Infrastructure field data collection  
Roadway and utility planning and design  
Right-of-way and easement acquisition  
Stormwater management  
Municipal sewer and drainage planning  
Landscape architecture  
Stream restoration and bioengineering  
Wetlands delineation and restoration  
Multi-objective stream corridor planning







## Mechanical Electrical Civil Engineering

*A National Minority Supplier Development Council (NMSDC) Certified Business*

### Net Zero Energy Design

The firm also provides “green design” services including Net Zero Energy Design, energy modeling, energy assessments and LEED accredited design teams.



- Geothermal HVAC
- Solar thermal domestic water heating
- Geothermal water heating
- Daylight harvesting
- Energy efficient lighting
- Demand controlled ventilation
- Occupancy controls
- Real-time monitoring
- Solar photovoltaic
- Wind generation
- Rain water catchment
- Gray water recycling



### About SSB Engineering

SSB Engineering is a National Minority Supplier Development Council (NMSDC) Certified Business supplying high quality MEP and civil engineering services. The firm has a wide range of experience in the federal, education, health care and commercial markets.

Anthony Sickles, PLS

Mr. Sickles has over 25 years experience in providing professional consulting services to both private and public entities. His consulting services include program and project management, feasibility studies, permitting, regulatory compliance, right of way and real property acquisition, valuation studies, utility relocation, record management and geomatics.

Kenneth L. Seibert, PE, LEED AP

Mr. Seibert is a licensed professional engineer in 38 states and the District of Columbia. He is a national expert in the area of Net Zero Energy engineering design and led the design of three NZE projects currently in operation.

James O. Benson, RCDD, LEED AP

Mr. Benson is an experienced project manager with expertise in electrical systems and technology design. He has provided quality oversight and project management to several high performance buildings and NZE projects.

R. Anthony Hans, PE, RCDD, LEED AP

Mr. Hans is a licensed professional engineer in 40 states, the District of Columbia and Puerto Rico. He is experienced in the areas of solar photovoltaic systems, daylight harvesting and energy efficient lighting design. He has been the project manager and electrical engineer for five NZE projects.

## AFFIDAVIT

Comes the Affiant,  CMTA, Inc., and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is  Kevin Mussler and he/she is the individual submitting the proposal or is the authorized representative of  CMTA, Inc., 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.



Kevin Mussler

STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me  
by Kevin Mussler on this the 16th day  
of July, 2013.

My Commission expires: May 23, 2015

  
\_\_\_\_\_  
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

\_\_\_\_\_  
CMTA, Inc.

\_\_\_\_\_  
Name of Business

**WORKFORCE ANALYSIS FORM**

**Name of Organization:** CMTA, Inc.

**Date:** 06 / 23 / 2014

Categories	Total	White		Latino		Black		Other		Total	
		M	F	M	F	M	F	M	F	M	F
Administrators	5	2	3							2	3
Professionals	78	68	4	1		2		3		74	4
Superintendents											
Supervisors											
Foremen											
Technicians											
Protective Service											
Para-Professionals	8	6	1			1				7	1
Office/Clerical	5		5							0	5
Skilled Craft											
Service/Maintenance											
<b>Total:</b>	96	76	13	1		3		3		83	13

**Prepared by:** Jamie Draper, Marketing Manager

**Name & Title**

**DIRECTOR, DIVISION OF CENTRAL PURCHASING  
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT  
200 EAST MAIN STREET  
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL  
EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

Notice of requirement for Affirmative Action to ensure Equal Employment Opportunities and Disadvantaged Business Enterprises (DBE) Contract participation. Disadvantaged Business Enterprises (DBE) consists of Minority-Owned Business Enterprises (MBE) and Woman-Owned Business Enterprises (WBE).

The Lexington-Fayette Urban County Government has set a goal that not less than ten percent (10%) of the total value of this Contract be subcontracted to Disadvantaged Business Enterprises, which is made up of MBEs and WBEs. The goal for the utilization of Disadvantaged Business Enterprises as subcontractors is a recommended goal. Contractor(s) who fail to meet such goal will be expected to provide written explanations to the Director of the Division of Purchasing of efforts they have made to accomplish the recommended goal, and the extent to which they are successful in accomplishing the recommended goal will be a consideration in the procurement process. Depending on the funding source, other DBE goals may apply.

For assistance in locating Disadvantaged Business Enterprises Subcontractors contact:

Marilyn Clark, Division of Central Purchasing  
Lexington-Fayette Urban County Government  
200 East Main Street, 3rd Floor, Room 338  
Lexington, Kentucky 40507  
[mclark@lexingtonky.gov](mailto:mclark@lexingtonky.gov)

Firm Submitting Proposal: CMTA, Inc.

Complete Address: 2429 Members Way, Lexington, KY 40504  
Street City Zip

Contact Name: Kevin Mussler Title: Vice President

Telephone Number: 859-253-0892 Fax Number: 859-231-8357

Email address: jdraper@cmtaegrs.com



**LFUCG MWDBE PARTICIPATION FORM**

**Bid/RFP/Quote Reference #** RFP #34-2014

The MWDBE 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>MWDBE 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. SSB Engineering 10411 Meeting Street Prospect, KY 40059 502-326-3085 asickles@classickle.com	Site verification and measurement, design assistance, construction administration	Varies according to projects awarded	10%
2.			
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.

CMTA, Inc.  
**Company**

July 16, 2014  
**Date**

Kevin Mussler  
**Company Representative**

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 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

July 16, 2014

\_\_\_\_\_  
Date

**Affirmative Action Plan  
For  
Equal Employment Opportunity**

**CMTA, Inc. (61-0864428)**

**April 2012**

## **Affirmative Action Plan**


CMTA, Inc., hereinafter referred to as "CMTA", will abide by all federal and state laws, rules and regulations concerning equal employment opportunity, including the requirements of the Kentucky Equal Employment Opportunity Act, KRS 45.600(3). CMTA will take the following measures to ensure compliance:

1. Equal and fair treatment will be provided to all employees regardless of race, color, religion, national origin, sex, age, or disability.
2. A complete up-to-date record of employees classified by race, sex, and job classification will be maintained and semi-annual reports will be submitted to the Office of Equal Employment Opportunity and Contract Compliance.
3. All employees will be advised at the time of employment that CMTA is an equal opportunity/affirmative action employer and that hiring, promotion, or demotion is based on an individual's qualifications and ability to perform the work.
4. The company will cooperate with and support training programs based on affirmative action.
5. Recruiting advertisements and all notices relating to employment will include the clause "An Equal Opportunity Employer M/F/D." Said clause will be printed on all correspondence and notices relating to employment.
6. A company policy statement outlining CMTA's commitment to equal employment opportunity and affirmative action will be posted in a conspicuous place in each branch office.
7. The company has appointed Timothy G. Morris to serve as the equal employment opportunity/affirmative action (EEO/AA) officer. The EEO/AA is authorized to supply reports and represent this company in all matters regarding this affirmative action plan.
8. The name, address and telephone number of the EEO/AA officer will be posted in a conspicuous place in each office. The officer will be responsible for the following:
  - A. Implementing all phases of the affirmative action plan;
  - B. Maintaining a close liaison with the compliance staff of the Commission on Human Rights regarding non-discriminatory requirements;
  - C. Conducting periodic audits of employment practices to ensure nondiscrimination;
  - D. Semi-annual or more frequent instruction of all supervisory personnel about equal employment opportunity/affirmative action non-discrimination responsibilities;

- E. Periodically instructing supervisors about their responsibilities to ensure that minorities are not subject to any type of discriminatory practices or harassment;
- F. Semi-annual reviews with all supervisory personnel to ensure that the EEO/AA program is being implemented at all levels;
- G. Notifying all minority recruitment sources in writing that this company is an equal employment opportunity/affirmative action employer and notification to same of job openings;
- H. Notification to all eligible employees regarding promotions or vacancies to ensure equal employment opportunity;
- I. Maintaining all facilities and activities on a non-discriminatory basis;
- J. Maintaining applicant flow data with the title of job, referral source, sex, race, and final action with reasons for any rejections; and
- K. Seeking to utilize minorities to the same degree as all others based on the following factors in the civilian labor area:
  - 1. The minority population of the labor area surrounding the facility;
  - 2. The size of the minority unemployment forces in the area surrounding the facility;
  - 3. The percentage of the minority workforce as compared with the total workforce in the area;
  - 4. The availability of minorities having requisite skills in the immediate labor area;
  - 5. The availability of minorities having requisite skills in the reasonable recruitment area;
  - 6. The availability of promotable and transferable minority employees in the company;
  - 7. The existence of institutions capable of training persons in the requisite skills; and
  - 8. The degree of training the company is reasonably able to undertake as a means of making all job classes available to minorities.

Signature of Company Official

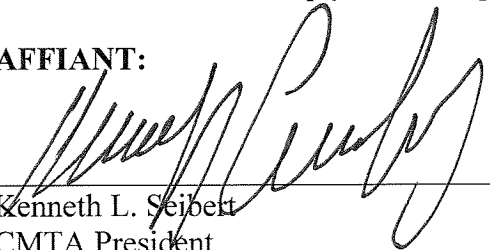
  
\_\_\_\_\_  
Timothy G. Morris – CFO

  
\_\_\_\_\_  
Date

**AFFIDAVIT OF EFFORT TO COMPLY  
(AAP Part 3)**

The undersigned, after first being duly sworn, states as follows: I, Kenneth L. Seibert have authority to sign this affidavit on behalf of CMTA. CMTA's work force is not reflective of the percentage of minorities in the labor area. However, according to the Kentucky Equal Employment Opportunity Act, KRS 45.600(6), CMTA has complied with all other affirmative action requirements. Further, CMTA has made every reasonable effort to comply with said percentage requirements.

**AFFIANT:**

  
\_\_\_\_\_  
Kenneth L. Seibert  
CMTA President  
April 2012

**COMMONWEALTH OF KENTUCKY  
COUNTY OF JEFFERSON**

Subscribed and sworn to before me by Kenneth L. Seibert (Affiant),  
President (Company Title) of CMTA, Inc. this 30<sup>th</sup> day of  
April, 2012

MY COMMISSION EXPIRES ON: August 17, 2014

  
\_\_\_\_\_  
NOTARY PUBLIC



**CMTA**

**HEAD COUNT**

**BASED ON APRIL 2012 PAYROLL**

		MALES					FEMALES					
		White	Black	Asian	American Indian	White	Black	Asian	American Indian			
1	Buckman	Steve	Administration	SEB		1					1	
2	Morris	Tim	Administration	TGM		1					1	
3	Omay	Carol	Administration	ECO						1		
4	Poynter	Debbie	Administration	DLP						1		
5	Seibert	Ken	Administration	KLS		1					1	
6	Ebert	Jae	Houston	JAE		1					1	
7	Schneider	Kelly	Houston	KEL						1		
8	Schneider	Zack	Houston	ZPS		1					1	
9	Seibert	Mark	Houston	MRS		1					1	
10	Young	Clint	Houston	CJY		1					1	
11	Jones	Chris	Indiana	CRJ		1					1	
12	Kelting	Chris	Indiana	HCK		1					1	
13	Moore	Steve	Indiana	SSM		1					1	
14	Raburu	Kevin	Indiana	KNR			1					1
15	Gruner	Barrett	Indiana	BKG		1					1	
16	Briggs	Ricky	Lexington	RLB		1					1	
17	Claxton	Sam	Lexington	SAC		1					1	
18	Crawford	Russ	Lexington	RCC		1					1	
19	Crayne	Donny	Lexington	DC		1					1	
20	Euton	Clay	Lexington	WCE		1					1	
21	Fedyniak	Isaac	Lexington	IWF		1					1	
22	Gerakos	Stephanie	Lexington	SNG		1				1		
23	Higgins	David	Lexington	DRH		1					1	
24	Higgins	Daniel	Lexington	DTH		1					1	
25	Hobbs	Benjamin	Lexington	BDH		1					1	
26	Johnson	Josh	Lexington	JNJ		1					1	
27	Kellum	Alan	Lexington	ARK		1					1	
28	Kelty	Carrie	Lexington	CCW						1		
29	Kerber	Lisa	Lexington	LDK						1		
30	Mallory	Brent	Lexington	GBM		1					1	
31	Morris	Timothy E	Lexington	TEM		1					1	
32	Mussler	Kevin	Lexington	KDM		1					1	
33	Reeves	Brad	Lexington	BWR		1					1	
34	Reeves	Chris	Lexington	CMR		1					1	
35	Ridge	Nancy	Lexington	NKR						1		
36	Sharp	Bill	Lexington	WRS		1					1	
37	Shultz	Aaron	Lexington	ADS		1					1	
38	Smith	Jeremy	Lexington	JMS		1					1	
39	Smith	Ken	Lexington	KES		1					1	
40	Stewart	Johnathan	Lexington	JBS		1					1	
41	Wade	Matthew	Lexington	MCW		1					1	
42	Burns	Kim	Lexington	KRB		1					1	
43	Cheek	Devin	Lexington	DGC		1				1		
44	Carrico	Corey	Lexington	CJC		1					1	


	MALES										FEMALES				
	White	Black	Asian	American Indian	White	Black	Asian	American Indian	White	Black	Asian	American Indian	American Indian		
													0	0	
45 Delk															1
46 Dowdy															1
47 Fugate															1
48 Stevens															1
49 Baumgartle															1
50 Beaufait															1
51 Benson															1
52 Benson															1
53 Buckman															1
54 Devins															1
55 Dyer															1
56 Epps															1
57 Farber															1
58 Gumble															1
59 Hans															1
60 Harvey															1
61 Hayden															1
62 Hight															1
63 Hundley															1
64 Kato															1
65 Kennedy															1
66 Kosorich															1
67 Lewis															1
68 McCullum															1
69 Myers															1
70 Pierce															1
71 Pierson															1
72 Rowan															1
73 Sandrella															1
74 Shadburne															1
75 Steward															1
76 Strohbeck															1
77 Troutman															1
78 Turner															1
79 Wessling															1
80 Downs															1
81 Willoughby															1
82 Yancey															1
83 Thomas															1
84 Cassaro															1
85 McGinnis															1
86 Hutchinson															1
87 Schuppert															1
88 Yaste															1
															88

MALES		FEMALES					
White	Black	Asian	American Indian	White	Black	Asian	American Indian
69	2	1	1	15	0	0	0

Commonwealth of Kentucky  
 Finance and Administration Cabinet  
 Office of EEO / Contract Compliance  
 Room 395, Capitol Annex, Frankfort KY 40601  
 PH: (502)264-2874 Fax: (502) 564-1055  
 AFFIRMATIVE ACTION PLAN GOALS AND TIMETABLE FORM  
 (AAP Part 2)

Job Categories	Present Workforce				Projected Openings							Commitment to Increase Minority Hiring				
	Total Employees	Total Minorities	Total Females	Total	2013		2014	2015	2016	2017	2018	2019				
Officials and Managers	21	3	1	1	15	2	1	2	1	2	1	2				
Professionals	40	1	4	4	10	1	1	1	1	2	1	2				
Technicians	20		4	4												
Sales																
Clerical	7		6	6												
Craft Workers																
Operatives																
Laborers																
Service																
Total Employees	88	4	15	15	25	3	2	3	2	3	2	3				

For Official Use Only

Name of Firm	CMTA, Inc.	
Company Official's Signature (must be an official or manager) / Title	 CEO	
Telephone:	502-326-3085	Fax 502-326-2691
		Date 4/25/2012

During the course of the contract, the Office of EEO and Contract Compliance will review your Company's Affirmative Action Plan (AAP) commitment every 12 months. Accordingly, additional information or clarification may be required.

Minority Goal for Fayette and Jefferson County: 19.10%  
 Women Goal for Fayette and Jefferson County: 11.45%  
 Actual Minority for Fayette and Jefferson County: 4.55%  
 Actual Women for Fayette and Jefferson County: 17.05%



Lexington-Fayette Urban County Government  
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray  
Mayor

William O'Mara  
Commissioner

**ADDENDUM #1**

Bid Number: **RFP 34-2014**

Date: July 15, 2014

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

Please address inquiries to:  
Theresa Maynard, Buyer Senior  
(859) 258-3325

**TO ALL PROSPECTIVE BIDDERS:**

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

Page 1 of RFP documents erroneously lists RFP as RFP #33-2014. Please replace with RFP #34-2014.

\_\_\_\_\_  
Todd Slatin, Director  
Division of Central Purchasing

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

COMPANY NAME: CMTA, Inc.

ADDRESS: 2429 Members Way, Lexington, Kentucky 40504

SIGNATURE OF BIDDER:



**Mechanical | Electrical | Net Zero Engineering**  
[www.cmtaegrs.com](http://www.cmtaegrs.com)