REQUEST FOR QUALIFICATIONS

Professional Engineering Services - HVAC

RFP #34-2014

July 21, 2014



Compliance with Submittal Requirements

1. Letter of Transmittal | page 1

2. Firm Qualifications | pages 2 - 3

An explanation of the value Paladin brings to LFUCG and your projects is provided in the Executive Summary in Section

2. Additional qualification information and first history is also included in this section.

3. Project Team | pages 4 -12

A one-page summary table and resumes of Paladin's Project Team are located in Section 3.

4. List of Relevant Projects | pages 13-22

In Section 3, a list of relevant projects is provided. These projects have been completed within the last five years in Climate Zone 4.

5. Reference List | page 23

Paladin's references are included in Section 5.

6. Hourly Rates | page 24

Section 6 provides an hourly fee schedule for the Project Team. These rates will be honored throughout the duration of this contract with Lexington-Fayette Urban County Government.

7. Local Office | page 25

Paladin's offices are located in Lexington, KY. A statement detailing our local office information is provided in Section 7.

8. Disadvantaged Business Enterprise (DBE) Involvement

Completed MBE/WBE forms are included in Section 8. Paladin's Affirmative Action Plan and our certificate recognizing our WBE status is also provided.





143 Walton Avenue Lexington, Kentucky 40508

859.252.3047 o 859.252.0420 f

PaladinEngineers.com

July 21, 2014

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

RE: RFP #33-2014 Request for Qualifications for Professional Engineering Services - HVAC

Dear Ms. Maynard and Members of the Selection Committee:

Since our first significant project with Lexington-Fayette Urban County Government in 2008, we have learned a great deal about what is truly important to your organization. You make decisions based on life-cycle cost. You are aggressive in your pursuit of sustainable and energy efficient solutions. You pay great attention to the building automation systems in your facilities. You have a large inventory of existing buildings requiring upgrade and improvement. You have variable occupancies in most of your facilities. You have experienced and capable personnel in all levels of your organization.

When summarized, this points to a couple of key elements: 1) The interest isn't in the outcome for today, you are interested in the outcomes for many tomorrows, 2) Your building inventory presents unique engineering challenges, and 3) You have thought leaders to help improve that inventory.

This combination of factors is why Paladin considers LFUCG a valuable partner. Paladin's engineering services are not geared to the mass-produced. Our engineering solutions are best matched to solving building systems challenges. Along the way, our clients often request for us to provide strategic solutions that improve performance at an organizational level. For example at the Carver Community Center HVAC Renovation project, Paladin utilized an exercise for developing Owner's Project Requirements into an opportunity to develop LFUCG Design Criteria for use in future engineering projects. Small changes such as this can have a lasting, beneficial impact for many projects to come.

Paladin knows that we will not only meet the requirements described in the RFP, we will strive to improve the outcome of your future projects. Thank you for the opportunity to propose Paladin's qualification for your consideration. It is our desire to continue to provide Lexington-Fayette Urban County Government with "Building Systems that Work $^{\mathbb{N}}$."

Sincerely,

Candice B. Rogers CCP, CxA, LEED AP BD+C

Vandice Blogus

President Paladin, Inc.

Firm Qualifications

Executive Summary: The value we bring to your organization and HVAC projects.

We are not just your design engineer, we are your technical advisor.

Paladin is a sounding board for considerations, your voice at the contractor level, and someone to help you articulate your needs during design and through operation. This translates into things like providing system recommendations that fit your requirements, discussing your ideas for procedural changes, talking contractors through issues, and when required wrestling, through system nuances alongside the maintenance staff.

We have achieved our technical authority by working in both the engineering and commissioning arenas. This duality enables us to troubleshoot system and equipment-level issues, design custom solutions, verify the implementation, and train you on the operation.

We don't just set up you up for success, we see that you are successful.

Your success is not measured exclusively on an on-time and on-budget project. It is also measured by achieving specific outcomes for your projects. These outcomes are centered-around topics such as: energy consumption, occupant comfort, operating costs, and/or the overall functionality of the building system. Paladin has set up our processes to measure success by the same metrics. For example, at the end of the project, what were the number of outstanding issues? Did we hit your energy consumption targets? Are your people trained to operate the system? Is your system fully integrated?

Paladin is invested in your building beyond its construction.

We set very specific and measurable outcomes for your projects because we commit to a building long after the construction dust settles. The end of the project is not the day you begin operating a new system. In fact, that is just the beginning. This is where Paladin's approach is different.

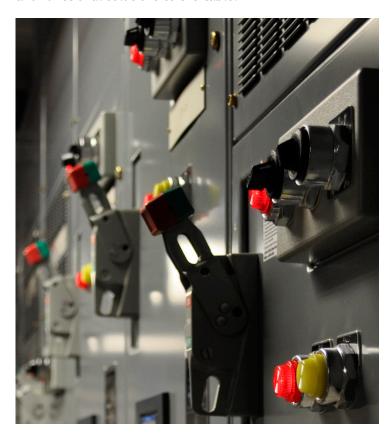
The projects within this contract will likely consist of HVAC renovations and controls retrofits in order to improve existing building inventory and reduce energy consumption. Paladin will work hard to deliver a solution within budget throughout the project lifecycle beginning with Pre-design activities as described in the RFP. We suggest that may be advisable to

move into a period of on-going verification support following the final walkthrough inspection and through the first eighteen to twenty-four months of operation. These periodic check-ins need not be costly, but can enhance your team's confidence in the new systems and assist with addressing seasonality and occupant impacts on building performance.

Our firm's General Qualifications: What sets Paladin apart?

We are a team of licensed professionals dedicated to ownerfocused solutions.

Our highly skilled team consists of Professional Electrical and Mechanical Engineers, Certified Commissioning Professionals, and Commissioning Technicians. This distinctive combination provides you the expertise to understand the system design, oversee the installation, and test to see that it works. When there is an issue at any phase, we can bring a sound, feasible, and functional solutions to the table.





Complicated and problematic buildings are our sweet spot.

Not everyone is building new buildings. There are opportunities to improve the buildings that owners already have. One of our areas of focus and great success is in improving the operation and energy efficiency of an existing building.

An existing building can be tricky. You are working with systems that are already installed, spaces that are already defined, buildings that are already occupied, and people that are already operating it. To improve it, you have to work with the system issues along with all the other variables - like occupants and legacy equipment



We are controls assessment experts.

Building controls are generally the root cause of system malfunctions and energy loss in buildings. Our assessment skills are a combination of knowing 1) what the mechanical systems were supposed to do in the first place and 2) how the controls actually make that system function.

We also understand the impact of looking at the controls beyond the building-level. The over-arching approach to controls is much more comprehensive than ensuring one building fits into a pre-defined strategy. It's understanding the impact a unique DDC upgrade will have on the management of multiple buildings.

Firm capacity and availability is carefully considered.

Paladin does regular workload assessments to avoid overextending our professional resources. This is especially important due to the indefinite project quantity within this contract. When Paladin makes a commitment to work on your project, we have already analyzed our availability, the staffing needs, and the delivery of your project.

Our workload assessments are managed in a Project-based Accounting & Project Management, ERP Software solution. We leverage the software to review workload projections and plan staffing needs, allowing us the ability to recruit, train, and engage new high quality staff according to our backlog demands. Additionally, we review and adjust the yearly backlog on a monthly basis to look for opportunities to optimize our current capacity.

Paladin's history.

Since 1986, Paladin has provided technical solutions to improve operations for our owners. Today, Paladin is a woman-owned engineering and building commissioning firm providing services for existing buildings, new construction, controlled environments, energy efficiency, and LEED projects. Our premise is to ensure that you receive "Building Systems That Work" - fully functional mechanical, electrical, and controls systems.



Project Team

NAME	TITLE	FUNCTION	YRS. IN PROFESSION	YRS. WITH PALADIN
Candice B. Rogers*, MBA, CCP, CxA, LEEP AP BD+C	President	Upholds the integrity of Paladin's scope, support definition of project goals & the performance criteria	14	14
Richard T. Burks, PE, CCP	Principal Engineer, Commissioning Authority, Project Manager	Engineering design, commissioning of building systems, leads overall workplan, contract administration, oversees field activities	42	19
Matthew R. Branham, PE, CxA, EMP	Senior Engineer, Commissioning Authority, Project Manager	Engineering design, commissioning of building systems, leads overall workplan, contract administration, oversees field activities	11	11
John L. Goodin, PE, CxA, LEED AP BD+C	Professional Engineer, Commissioning Authority, Project Manager	Engineering design, commissioning of building systems, leads overall workplan, contract administration, oversees field activities	8	8
Kelsey M. Leslie, EIT	Engineer in Training	Engineering design support, On-site technical assessments, documentation, commissioning support for building systems	4	6 mo.
David C. Burks, BPI, CAPM	Field Technician, Enve- lope Specialist	On-site technical assessments, documentation, commissioning support, envelope specialist	3	3
Rhodes P. Thompson, ACP, NABCEP	Associate Commissioning Professional, Licensed Electrician	Support field activities, verification of installed systems, commissioning support	10	2
Chad L. Riegle, QCxP	Senior Cad Technician	3-D Modeling, energy model development	14	14

^{*}Paladin is WBE certified company.





EDUCATION

Masters in Business Administration, University of Kentucky

Bachelor of Business Administration, University of Kentucky, Marketing and Management

CERTIFICATION

Certified Commissioning Professional, Building Commissioning Association

Certified Commissioning Authority, AABC Commissioning Group

LEED Accredited Professional, United States Green Building Council

AFFILIATIONS

Building Commissioning Association -International Board of Directors and Marketing and Outreach Committee Chair 2008-2012

Kentucky US Green Building Council

Vistage International

CANDICE B. ROGERS MBA, CCP, CXA, LEED AP BD+C PRESIDENT

For LFUCG's projects, Candice will support the project's front-end to coordinate the incorporation of Paladin's methodology. Throughout the entire project, she will work to uphold the integrity of our scope and facilitate closeout documentation.

Candice's role is to understand the business behind the buildings. She leads commissioning process development for Paladin's projects, defines project goals and performance criteria, manages the commissioning process, and works to assure that Owner's receive the best systems possible.

Candice has served on the International Board of Directors for the Building Commissioning Association. She promotes understanding of Commissioning through community and industry presentations.

LFUCG PROJECT EXPERIENCE

Energizing the Arts | Energy Assessments
Lyric Theatre Addition and Renovation | Fundamental Commissioning
Carver Community Center | Pre-Design through Warranty Phase Commissioning
Municipal Recycling Center Addition | Engineering Design
Senior Citizens Center | Fundamental Commissioning
Materials Recovery Facility | LEED Administration & Fundamental
Commissioning (Phase A)

RELATED PROJECT EXPERIENCE

Fairdale Free Public Library | Fundamental & Enhanced Commissioning, LEED Administration | Louisville Jefferson County Metro | *Fairdale*, *KY*

Southwest Regional Library | Fundamental & Enhanced Commissioning, LEED Administration | Louisville Jefferson County Metro | *Louisville*, *KY*

LexTran Headquarters Building | Fundamental & Enhanced Commissioning LexTran | *Lexington*, *KY*

Gatton College of Business Renovation & Expansion | Fundamental & Enhanced Commissioning | University of Kentucky | *Lexington*, *KY*

Council of State Governments Building Complex Renovation | Fundamental & Enhanced Commissioning | Council of State Governments | Lexington, KY

Newtown Campus Classroom/Student Services Building | Total Building Commissioning | Bluegrass Community & Technical College | Lexington, KY





EDUCATIONBachelor of Science, University of Kentucky, Chemical Engineering

LICENSURE & CERTIFICATION Professional Chemical Engineer: Commonwealth of Kentucky (#23685)

Professional Electrical Engineer: Commonwealth of Kentucky (#23685)

Certified Commissioning Professional, Building Commissioning Association

Six Sigma Green Belt, American Society of Quality

PROFICIENCIES

Building Automation Systems

Complex Operating Environments

Clean Rooms and Close Tolerance Environments

System Integration

Central Utility Plants

RICHARD T. BURKS PE, CCP

PRINCIPAL ENGINEER

As a licensed Engineer and Certified Commissioning Professional, Mr. Burks has completed both engineering design and commissioning of systems and equipment for a variety of applications. Dick has developed and directed commissioning process activities for approximately twenty years. He has participated in mechanical, plumbing, electrical, and controls systems design for over thirty-five years.

Mr. Burks' extensive background in the requirements of mechanical, plumbing, electrical and control systems operation enables him to perform high level design reviews and prepare functional tests to verify sequence of operation consistency.

LFUCG PROJECT EXPERIENCE

Phoenix Building HVAC and Piping Replacement Project | Engineering Design Senior Citizens Center | Fundamental Commissioning Lexington Fire Station No. 2 | Fundamental and Enhanced Commissioning Dunbar and Black & Williams Community Centers | Engineering & Energy Efficiency Retrofits

RELATED EXPERIENCE

Advanced Manufacturing Technology Center | MEP Design Gateway Community and Technical College | *Florence*, *KY*

Central Laboratory Building | Existing Building Commissioning & Engineering Design | Commonwealth of Kentucky | *Frankfort*, *KY*

Welding Lab | Ventilation Renovation Maysville Community & Technical College | Maysville, KY

Newtown Campus Classroom/Student Services Building | Total Building Commissioning | Bluegrass Community & Technical College | Lexington, KY

Renovation of Knapp Hall | Fundamental & Enhanced Commissioning Berea College | *Berea*, *KY*

Science Building | Retro-Commissioning and HVAC & Controls Modifications Design | Maysville Community & Technical College | Maysville, KY

Statewide Building Investigation | Existing Building Commissioning Department of Military Affairs | KY

Avantor Facility | Electrical System/Flammable & Combustible Materials Study Avantor Performance Materials, Inc. | *Paris*, *KY*

Transportation Cabinet Office Building | Post Commissioning Commonwealth of Kentucky | *Frankfort*, *KY*





EDUCATIONBachelor of Science, University of Kentucky, Mechanical Engineering

LICENSURE & CERTIFICATION Professional Engineer: Commonwealth of Kentucky (#25708)

Certified Commissioning Authority - AABC Commissioning Group

Energy Management Professional - AABC Commissioning Group

AFFILIATIONS

AABC Commissioning Group (ACG)

American Society of Heating, Refrigeration, and Air Conditioning (ASHRAE)

PROFICIENCIES

Building Automation Controls

Network (IT) Systems

Energy Modeling

New & Existing Building Commissioning

Mechanical Engineering

MATTHEW R. BRANHAM PE, CXA, EMP SENIOR ENGINEER

Mr. Branham will lead the engineering design & overall workplan, manage our technical staff, and oversee the execution of on-site testing for LFUCG's projects.

He is involved in all aspects of mechanical design including design strategies, system selection, equipment selection and sizing, preliminary controls programming and sequencing, and Operations & Maintenance manual creation. These skills will help him identify recommendations for the project.

Matt's capabilities in commissioning and mechanical design allow him to understand systems interactions for writing and analyzing results from functional tests. Mr. Branham places particular importance on optimal energy performance and systems maintainability.

LFUCG PROJECT EXPERIENCE

Phoenix Building HVAC and Piping Replacement Project | Engineering Design Municipal Recycling Center Addition | Engineering Design

RELATED EXPERIENCE

Renovation of Carter G. Woodson Center for Interracial Education | MEP Design | Berea College | Berea, KY

Hutchins Dining | Interior Improvements Project | MEP Design Berea College | Berea, KY

Advanced Manufacturing Technology Center | MEP Design Gateway Community and Technical College | Florence, KY

General Aviation T-Hangar Development | MEP Design Blue Grass Airport | *Lexington*, *KY*

Wendell H. Ford Regional Training Center | Controls Upgrade, Commissioning Department of Military Affairs | *Greenville*, *KY*

The Garage Bar | Engineering Design | Louisville, KY

Elizabethtown City Hall & Community Center | Energy Assessments & Design Improvements | City of Elizabethtown | *Elizabethtown*, *KY*

Welding Lab | Ventilation Renovation Maysville Community & Technical College | *Maysville*, *KY*

Science Building | Retro-Commissioning and HVAC & Controls Modifications Design | Maysville Community & Technical College | Maysville, KY





EDUCATIONBachelor of Science, Tulane
University, Mechanical Engineering

LICENSURE & CERTIFICATION Professional Engineer: Commonwealth of Kentucky (#27654)

Certified Commissioning Authority, AABC Commissioning Group

LEED Accredited Professional, United States Green Building Council

AFFILIATIONS ASHRAE

Kentucky US Green Building Council -Board of Directors 2014-2015

AABC Commissioning Group

PROFICIENCIES

Contractor Management

Commissioning of Central Utility Plants

Energy Modeling

Control Trend Analysis and Troubleshooting

JOHN L. GOODIN PE, CXA, LEED AP BD+C PROFESSIONAL ENGINEER

John joined Paladin in 2006 as a Mechanical Engineer and Commissioning Engineer. He is proficient in economic and energy analysis calculations, design calculations, specification support, instrumentation calibration, and controls support. As a LEED-AP, Mr. Goodin is knowledgeable of green building techniques and strategies. John also works with Paladin's controls programming and diagnosis services.

Mr. Goodin's expertise is in coordinating Owner progress meetings, preparing system tests, verifying equipment and systems, and tracking corrective actions with contractors.

Mr. Goodin will also be performing functional testing of the building systems. In doing so, John works to maintain the operator's perspective of equipment and systems. He will also support Owner Training delivery. He has executed Owner Training sessions to the Division of Mechanical Services on the operation, maintenance, and troubleshooting of the Central Utility Plant and Transportation Cabinet Office Building systems.

LFUCG PROJECT EXPERIENCE

Charles Young Center HVAC Replacement Project | Engineering Design Energizing the Arts | Energy Assessments

Lexington Fire Station No. 2 | Fundamental and Enhanced Commissioning Lyric Theatre Addition and Renovation | Fundamental Commissioning Carver Community Center | Pre-Design through Warranty Phase Commissioning Youth Services Building | HVAC Evaluation

Dunbar and Black & Williams Community Centers | Engineering & Energy Efficiency Retrofits

Materials Recovery Facility | LEED Administration & Fundamental Commissioning (Phase A)

RELATED PROJECT EXPERIENCE

Central Laboratory Building | Existing Building Commissioning & Engineering Design | Commonwealth of Kentucky | *Frankfort*, *KY*

Transportation Cabinet Office Building | Post Commissioning Commonwealth of Kentucky | *Frankfort*, *KY*

LexTran Headquarters Building | Fundamental & Enhanced Commissioning LexTran | *Lexington*, *KY*

Southwest Regional Library | Fundamental & Enhanced Commissioning, LEED Administration | Louisville Jefferson County Metro | *Louisville*, *KY*

Statewide Building Investigation | Existing Building Commissioning Department of Military Affairs | KY

Council of State Governments Building Complex Renovation | Fundamental & Enhanced Commissioning | Council of State Governments | Lexington, KY





EDUCATIONBachelor of Science, Lipscomb University, Mechanical Engineering

LICENSURE & CERTIFICATION Engineer in Training (# 24048)

AFFILIATIONS ASHRAE

PROFICIENCIESHVAC Systems

Commissioning Process Documentation

Project Closeout Documentation

Building Automation Systems

Utility Data Analysis

KELSEY M. LESLIE EIT

ENGINEER IN TRAINING

Kelsey supports both engineering design & commissioning for Paladin and bring notable experience for HVAC and controls retrofit projects.

Currently, Ms. Leslie is key support for Kentucky Community & Technical College's implementation of an enterprise-wide energy management systems called Commonwealth Energy Management System (CEMCS).

To support commissioning, Kelsey will be performing on-site technical assessments, reviewing and collecting commissioning documentation, and performing testing of building systems for LFUCG's projects. Her full technical capabilities will also be applied to creating customized Pre-Functional Tests and their verification in the field.

RELATED EXPERIENCE

University of Kentucky Housing Development Phases I and II Fundamental & Enhanced Commissioning | EdR Trust | Lexington, KY

Commonwealth Energy Management & Control System (CEMCS)
Implementation & Control System Upgrades | Kentucky Community & Technical College System | Kentucky

LexTran Headquarters Building | Fundamental & Enhanced Commissioning LexTran | *Lexington*, *KY*

Senior Citizens Center | Fundamental Commissioning Lexington-Fayette Urban County Government | *Lexington, KY*

Council of State Governments Building | Fundamental & Enhanced Commissioning | Commonwealth of Kentucky | *Lexington*, *KY*





EDUCATIONMasters in History, Eastern Kentucky University

Bachelor of Arts, University of Kentucky, Secondary Education

LICENSURE AND CERTIFICATION

Building Performance Institute
- Building Analyst and Building
Envelope Specialist

Certified Associate in Project Management

AFFILIATIONS

Project Management Institute (PMI)

PROFICIENCIES

Leakage and Air Testing

Level II Thermographer

DAVID C. BURKS BPI, CAPM FIELD TECHNICIAN & ENVELOPE SPECIALIST

Mr. Burks will conduct on-site technical assessments and review and collect commissioning documentation for LFUCG's projects. He brings expertise in data gathering and analysis, reporting, and testing equipment.

His commissioning experience has led him to work on several varying projects including new construction, LEED facilities, and existing buildings.

For Paladin's projects, David specializes in the Thermal Imaging and building envelope report preparation. Recently, he has performed Air and Water Leakage Testing and Thermal Imaging for the Centralized Laboratory, an Existing Building Commissioning project in Frankfort, KY and BCTCS' Newtown Campus Classroom/Student Services Building.

RELATED EXPERIENCE

Newtown Campus Student/Classroom Services Building | Total Building Commissioning | Bluegrass Community & Technical College | *Lexington*, *KY*

University of Kentucky Housing Development Phases I and II Fundamental & Enhanced Commissioning | EdR Trust | Lexington, KY

CAER Laboratory Building #2 | Fundamental Commissioning University of Kentucky | *Lexington*, *KY*

Centralized Laboratory | Existing Building Commissioning Commonwealth of Kentucky | *Frankfort*, *KY*

Red Oak Elementary | Construction Phase Commissioning Jessamine County Schools | *Nicholasville*, *KY*

Energizing the Arts | Energy Assessments Lexington-Fayette Urban County Government | *Lexington*, *KY*

Little Sandy Correctional Complex | Existing Building Commissioning Department of Corrections | Sandyhook, KY

Megowan and Administration Building Renovations | Commissioning Bluegrass Community & Technical College System | *Lexington, KY*

Statewide Building Investigation | Existing Building Commissioning Department of Military Affairs | KY





EDUCATIONBachelor of Arts, Centre College, Philosophy

LICENSURE AND CERTIFICATION Associate Commissioning Professional, Building Commissioning

NABCEP Certified Solar PV Installer

Licensed Electrician in Tennessee & Kentucky

PROFICIENCIESElectrical Systems

Association

Renewable Energy

AFFILIATIONS

American Solar Energy Society

Kentucky US Green Building Council

RHODES P. THOMPSON ACP, NABCEP

ASSOC. COMMISSIONING PROFESSIONAL & LICENSED ELECTRICIAN

For Paladin, Rhodes performs tasks to support field operations including technical analysis, verification, and resolution of installed M/E/P systems. Mr. Thompson specializes in electrical analyses, renewable energy and efficiency, and design and installation of solar panel systems. Rhodes is a licensed electrician and certified Solar PV Installer.

For your projects, Rhodes will be conducting on-site system assessments and supporting Pre-Functional and Functional tests to document systems' ability to meet performance criteria.

RELATED EXPERIENCE

University of Kentucky Housing Development Phases I and II | Fundamental & Enhanced Commissioning | EdR Trust | *Lexington, KY*

Red Oak Elementary | Construction Phase Commissioning Jessamine County Schools | *Nicholasville*, *KY*

Newtown Campus Classroom/Student Services Building | Total Building Commissioning | Bluegrass Community & Technical College System | Lexington, KY

CAER Laboratory Building #2 | Fundamental Commissioning University of Kentucky | *Lexington*, *KY*

Central Laboratory Building | Existing Building Commissioning & Engineering Design | Commonwealth of Kentucky | *Frankfort*, *KY*

Commonwealth Emergency Operations Center | Construction and Warranty Phase Commissioning | Kentucky Army National Guard | Frankfort, KY

Science & Administration Building | Existing Building Commissioning Maysville Community and Technical College | *Maysville*, *KY*

KCTCS Headquarters Building | Retro-Commissioning Kentucky Community and Technical College System | Versailles, KY

OCAE Burlington Readiness Center | Design & Construction Phase Commissioning Kentucky National Guard | *Burlington, KY*





EDUCATION

Associates in Science, Architectural Technology, Bluegrass Community and Technical College

CERTIFICATION

Qualified Certified Commissioning Process Provider, University of Wisconsin

TRAINING

The Commissioning Process for Delivering Quality Constructed Projects, University of Wisconsin

PROFICIENCIES

Building Information Modeling

Daylighting and Lighting Controls

CHAD L. RIEGLE QCXP

SENIOR CAD TECHNICIAN

Chad Riegle joined Paladin, Inc. in 2000 and brings his expertise in documentation management and field verification. Chad also administers and performs coordination drawings utilizing Building Information Modeling in both AutoCAD® MEP and Revit® software. Additionally, Mr. Riegle's commissioning experience has led him to work with central utility plant operations, air distribution, and lighting systems.

For Paladin's projects, Chad coordinates among engineers for systems sizing and fit issues. Chad's capabilities also extend to lighting and ductwork design.

LFUCG PROJECT EXPERIENCE

Charles Young Center HVAC Replacement Project | Engineering Design

Energizing the Arts | Energy Assessments

Dunbar and Black & Williams Community Centers | Engineering & Energy Efficiency Retrofits

Materials Recovery Facility | LEED Administration & Fundamental Commissioning (Phase A)

RELATED EXPERIENCE

Wildcat Coal Lodge | 3D Coordination Drawings University of Kentucky | *Lexington*, *KY*

Fourth State Veterans Nursing Home | 3D Coordination Drawings Commonwealth of Kentucky | *Radcliff, KY*

Welding Lab | Ventilation Renovation Maysville Community & Technical College | *Maysville*, *KY*

Deep Green Residence Hall | Electrical Coordination Drawings Berea College | *Berea*, *KY*

City Hall & Community Center | Energy Assessments & Engineering Design City of Elizabethtown | Elizabethtown, KY

UTES Building - WHFRTC | Energy Efficiency Improvements Department of Military Affairs | *Greenville*, *KY*

Advanced Manufacturing Technology Center | MEP Design Gateway Community and Technical College | Florence, KY

Science Building | Retro-Commissioning and HVAC & Controls Modifications Maysville Community & Technical College | *Maysville*, *KY*



Charles Young Center

Design & Engineering of Replacement HVAC Systems

Paladin completed necessary renovations to the center, upgrading the HVAC system and lighting for greater energy efficiency. The center, closed since July 2008, reopened its doors to the community in the fall of 2012. Built in the mid-1930s, the Charles Young Community Center was the first, dedicated indoor community facility for African Americans in Lexington. Paladin investigated the existing systems for potential re-use and recommended the most cost-effective upgrades for the building to be operational. Paladin developed construction documents and participated in bid administration.

Services Provided

☐ Building Commissioning

▼ Design

▼ Bid Assistance

☐ Construction Administration

System

□ Chillers

□ Boilers

Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

☐ Water Source Heat Pumps

Makeup Air Units

Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
John L. Goodin	Project Manger, Engineer of Record
Chad L. Riegle	Drafting



PROJECT DETAILS

Owner Lexington-Fayette Urban County Government

Location Lexington, KY

Date of Services Spring 2012 - Summer 2012

Project Square Footage 8,361 sf

Construction Cost \$132,000

OWNER CONTACT

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Ms. Joyce Thomas Lexington-Fayette Urban County Government 200 East Main Street Lexington, KY 40507

(859) 258-3054



Dunbar and Black & Williams Community Centers

Energy Efficient Retrofits

Lexington-Fayette Urban County Government (LFUCG) selected Paladin to complete a retrofit project for two of the City's Community Centers: Dunbar and Black & Williams. The purpose of the American Recovery and Reinvestment Act (ARRA) funded project was to improve the energy performance of the two facilities through measures such as: HVAC upgrades, controls upgrades, lighting upgrades, or building envelope upgrades. Paladin analyzed monthly energy consumption and cost savings to evaluate proposed retrofits developed with LFUCG. Paladin also developed cost estimates, construction documents, and specifications and were consulted throughout the bid review and construction process. Paladin led progress meetings, processed RFI's, and reviewed the installation and operation of the upgraded HVAC and controls systems.

Services Provided

- ☐ Building Commissioning
- **X** Design
- **▼** Bid Assistance

System

- □ Chillers
- ☐ Boilers
- □ Cooling Towers
- ☐ Dry Coolers
- ☐ Variable Air Volume Boxes
- ☐ Water Source Heat Pumps
- Makeup Air Units
- Heat Recovery Variable
 - Refrigerant Volume
- Conventional Split Systems

Project Team Participant(s)	Role
Richard T. Burks	Principal Engineer, Energy Modeling & Initial Investigation
John L. Goodin	Project Manger
Chad L. Riegle	Drafting



PROJECT DETAILS

Owner Lexington-Fayette Urban County Government

Location Lexington, KY

Date of Services Fall 2010 - Fall 2012

Project Square Footage Dunbar 36,903 sq ft Black & Williams 26,884 sq ft

Construction Cost \$900,000

OWNER CONTACT

Mr. James Bush Lexington-Fayette Urban County Government 200 East Main Street Lexington, KY 40507

(859) 425-2879



Phoenix Building

HVAC & Piping Replacement Project

Paladin's scope included the replacement of plastic piping with metal piping, hose kits, and hydronic specialities on three floors of the Phoenix Building. Paladin also addressed, provided recommendation, and implemented modifications and energy improvements to an existing roof-mounted fluid-cooler. DDC Controls integration was designed but not implemented due to budget constraints.

Services Provided

☐ Building Commissioning

X Design

▼ Bid Assistance

Construction Administration

System

□ Chillers

■ Boilers

☐ Dry Coolers

☐ Variable Air Volume Boxes

Water Source Heat Pumps

☐ Makeup Air Units

☐ Heat Recovery Variable

Refrigerant Volume

☐ Conventional Split Systems

Project Team Participant(s)	Role
Richard T. Burks	Principal Engineer
Matthew R. Branham	Engineer of Record
Richard T. Burks	Mechanical Engineer
Chad L. Riegle	Drafting



PROJECT DETAILS

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Owner Lexington-Fayette Urban County Government

Location Lexington, KY

Date of Services Fall 2012 - Spring 2013

Project Square Footage 33,780 sf (3-floors)

Construction Cost \$246,000

OWNER CONTACT

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Ms. Joyce Thomas Lexington-Fayette Urban County Government 200 East Main Street Lexington, KY 40507

(859) 258-3054



Elizabethtown City Hall & Community Center

Energy Assessments & Design Improvements

Paladin completed a comprehensive energy assessment for Elizabethtown City Hall and Community Center. The assessment identified infrastructure improvements that reduced baseline energy consumption. Paladin later provided design services to improve the overall energy performance of the facilities.

Services Provided

☐ Building Commissioning

▼ Design

▼ Bid Assistance

Construction Administration

System

☐ Chillers

▼ Boilers

☐ Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

Water Source Heat Pumps

☐ Makeup Air Units

Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Matthew R. Branham	Project Manger
John L. Goodin	Energy Modeling



PROJECT DETAILS

Owner City of Elizabethtown

Location Elizabethtown, KY

Date of Services Fall 2010 - Fall 2011

Project Square Footage City Hall 40,000 sf

Community Center 20,000 sf

Construction Cost \$208,000

OWNER CONTACT

Mr. Scott Reynolds
Elizabethtown Engineering Dept.
P.O. Box 550
200 West Dixie Avenue
Elizabethtown, KY 42701

(270) 765-6121 x328



Welding Lab

Ventilation Renovation

The Commonwealth of Kentucky selected Paladin in 2012 as the design engineer for Maysville Community and Technical College's Welding Lab Ventilation Renovation. The intent of the project was to upgrade and/or replace the existing welding lab exhaust and ventilation system. Paladin's scope included:

- New exhaust hoods for each welding booth around perimeter and under existing canopy hood;
- Replacement of exhaust fans, revising recirculating systems to roof exhaust;
- Upgrade or replacement of existing heating and ventilating make-up air unit
- Provisions for heating and ventilating the space without the requirement of running all welding exhaust fans.
- Local controls for operating ventilation systems.

Services Provided

☐ Building Commissioning

X Design

▼ Bid Assistance

☒ Construction Administration

System

□ Chillers

☐ Boilers

☐ Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

☐ Water Source Heat Pumps

Makeup Air Units

Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Matthew R. Branham	Project Manger, Engineer of Record
Richard T. Burks	Principal Engineer
Chad L. Riegle	Drafting



PROJECT DETAILS:

Owner Maysville Community & Technical College

Location Maysville, KY

Date of Services Winter 2012 - Spring 2012

Project Square Footage 4,090 sf

Construction Cost \$352,000

OWNER CONTACT :

Mr. David R. Boggess
Division of Engineering and Contract
Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155



Science Building

Retro-Commissioning and HVAC & Controls Modifications

Paladin, Inc. was hired to complete a Retro-Commissioning study for Commonwealth of Kentucky at the Maysville Science Building of Maysville Community and Technical College. The Science Building consists of administrative offices, classrooms, and science laboratories for chemistry, biology, microbiology, and physics.

The initial effort of the project was to perform walk-through assessments and functional testing of the air handling units, hot water heating plant, condensing units, lab hoods, VAV terminal units, electrical distribution, and building automation systems. Based on the results of initial assessments and testing, it was determined an HVAC and Controls Modification project would be required to implement recommendations in multiple phases including HVAC controllers and sequence of operation revisions, boiler replacement, and new supplemental heating and system repairs. Paladin designed and administered the upgrade project, then functionally tested the systems once again to verify system operations.

Services Provided

▼ Building Commissioning

X Design

▼ Bid Assistance

System

□ Chillers

▼ Boilers

□ Cooling Towers

☐ Dry Coolers

▼ Variable Air Volume Boxes

☐ Water Source Heat Pumps

Makeup Air Units

Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Matthew R. Branham	Project Manger, Engineer of Record. Commissioning Authority
Richard T. Burks	Principal
Chad L. Riegle	Drafting



PROJECT DETAILS

•••

Owner Maysville Community & Technical College

Location Maysville, KY

Date of Services Summer 2011 to Fall 2011

Project Square Footage 20,000 sf

Construction Cost \$193,000

OWNER CONTACT

Mr. Mike Blevins Kentucky Community & Technical College System 300 N. Main Street Versailles, KY 40383

(606) 928-6427



Building C - Leestown Campus

Chilled Water Plant Upgrade

Paladin completed a Chilled Water Plant Upgrade for Building C at the Bluegrass Community and Technical College - Leestown Campus.

The project included an upgrade and renovation to the existing HVAC system and controls in Building C. Paladin's scope included the 1) Expansion and extension of DDC controls; 2) Replacement of Air-cooled Chiller; 3) Upgrade of CHW pumps and distribution; and 4) Electrical upgrades.

Services Provided

☐ Building Commissioning

X Design

▼ Bid Assistance

System

X Chillers

■ Boilers

☐ Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

■ Water Source Heat Pumps

☐ Makeup Air Units

☐ Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Matthew R. Branham	Project Manger, Engineer of Record
Richard T. Burks	Principal Engineer
Chad L. Riegle	Drafting



PROJECT DETAILS

Owner Bluegrass Community & Technical College

Location Lexington, KY

Date of Services Summer 2011 - Winter 2011

Project Square Footage 28,816 sf

Construction Cost \$196,000

OWNER CONTACT

• •

Mr. David R. Boggess Division of Engineering and Contract Administration 1st Floor Bush Building 403 Wapping St. Frankfort, KY 40601-2638 (502) 564-3155



Central Laboratory Building

Post-Commissioning & Retrofit Project

Paladin was hired to perform Existing Building Commissioning of the Central Laboratory and Central Utility Plant facilities. The existing building systems commissioned included: supply/exhaust/heat recovery, steam, hot water, and chilled water. Paladin also administered the design and construction of retrofit projects to correct defective system elements. Paladin performed the design, construction administration, and commissioning of the VAV terminal unit and controls replacement for the facility. Airflow adjustments to reduce overall make-up air requirements and maintain lab pressurization requirements were performed, as well as the decommissioning of various exhaust devices.

Services Provided

- **▼** Building Commissioning
- ▼ Design
- **▼** Bid Assistance
- ☑ Construction Administration

System

- **▼** Boilers
- ☐ Dry Coolers
- X Variable Air Volume Boxes
- ☐ Water Source Heat Pumps
- Makeup Air Units
- Conventional Split Systems

Project Team Participant(s)	Role
Richard T. Burks	Project Manger, Principal Engineer
John L. Goodin	Engineer, Commissioning Authority
David C. Burks	Commissioning Technician
Rhodes P. Thompson	Commissioning Technician
Chad L. Riegle	Drafting



PROJECT DETAILS

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Owner Commonwealth of Kentucky

Location Frankfort, KY

Date of Services Winter 2011 - ongoing

Project Square Footage 300,000 sf

Construction Cost \$1, 250,000

OWNER CONTACT

• •

Mr. Bill Slone
Division of Engineering & Contract
Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155 x 263



Central Laboratory Building

Deareater Tank Replacement

Paladin performed the replacement of a Deareater System for the Central Lab Boiler Plant. Our scope of services included the design, construction administration, and commissioning of the system. Procurement services for the owner furnished contractor installed Deareater Tank. Paladin also developed record wiring diagrams for the Boiler Plant's Deareater System.

Services Provided

▼ Building Commissioning

X Design

▼ Bid Assistance

☒ Construction Administration

System

☐ Chillers

▼ Boilers

☐ Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

☐ Water Source Heat Pumps

☐ Makeup Air Units

☐ Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Richard T. Burks	Project Manger, Principal Engineer
Chad L. Riegle	Drafting



PROJECT DETAILS

• •

Owner Commonwealth of Kentucky

Location Frankfort, KY

Date of Services Spring 2013 - Fall 2013

Project Square Footage N/A

Construction Cost \$150,000

OWNER CONTACT

Mr. Bill Slone
Division of Engineering & Contract
Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155 x 263



Transportation Cabinet Building Central Utility Plant

Chiller Replacement

This project included the demolition of two 500 ton chillers and the addition of a new 1200 ton-4160 volt chiller and associated pumping & controls. Procurement services for the owner furnished contractor installed equipment; chiller, pumps, and variable speed drives. Paladin provided modifications of the existing chilled water plant controls sequences and functional testing of the chiller water plant's operation. Customized Owner Training Sessions were also performed.

Services Provided

▼ Building Commissioning

▼ Design

▼ Bid Assistance

■ Construction Administration

System

▼ Chillers

☐ Boilers

Cooling Towers

☐ Dry Coolers

☐ Variable Air Volume Boxes

☐ Water Source Heat Pumps

Makeup Air Units

☐ Heat Recovery Variable

Refrigerant Volume

Conventional Split Systems

Project Team Participant(s)	Role
Richard T. Burks	Project Manger, Principal Engineer
John L. Goodin	Commissioning Authority
Chad L. Riegle	Drafting



PROJECT DETAILS

Owner Commonwealth of Kentucky

Location Frankfort, KY

Date of Services Spring 2012 - Spring 2014

Project Square Footage N/A

Construction Cost \$640,000

OWNER CONTACT

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Mr. Bill Slone
Division of Engineering & Contract
Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155 x 263



References

Each of the owner references listed with our projects under *Section 4 Relevant Projects* are considered partners of Paladin, including representatives from LFUCG. We are pleased for members of the selection committee to reach out to these individuals for further insight into Paladin's approach to commissioning and first-hand dialogue about our working relationship with our owners.

Mr. Marc Avery
Division of Engineering & Contract Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 782-0312

Mr. Mike Blevins Kentucky Community & Technical College System 300 N. Main Street Versailles, KY 40383 (606) 928-6427

Mr. James Bush Lexington-Fayette Urban County Government 200 East Main Street Lexington, KY 40507 (859) 425-2879

Mr. David R. Boggess
Division of Engineering and Contract Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155

Mr. Scott Reynolds Elizabethtown Engineering Department P.O. Box 550 200 West Dixie Avenue Elizabethtown, KY 42701 (270) 765-6121 x328

Mr. Bill Slone
Division of Engineering & Contract Administration
1st Floor Bush Building
403 Wapping St.
Frankfort, KY 40601-2638
(502) 564-3155 x 263

Ms. Joyce Thomas Lexington-Fayette Urban County Government 200 East Main Street Lexington, KY 40507 (859) 258-3054



Lyric Theatre & Cultural Arts Center Fundamental Commissioning



Hourly Rates

FEE SCHEDULE April 1, 2014 - March 31, 2015

Principal	\$ 150.00
Principal Engineer	\$ 150.00
Senior Engineer	\$ 125.00
Project Manager	\$ 125.00
Commissioning Authority	\$ 125.00
Engineer	\$ 100.00
Engineer-In-Training	\$ 90.00
Designer	\$ 85.00
Technician	\$ 85.00
Drafter	\$ 80.00
Administration	\$ 60.00
Mileage*	\$ 0.565 / mile

^{*} Source: US General Services Administration: Privately Owned Vehicle Reimbursement. (Subject to Change along with GSA adjustments.)



Local Office

Paladin has been a Lexington-based business since 1986. Paladin currently employs 11 full-time and two seasonal employees. Our current office on Walton Avenue is conveniently located near the LFUCG Government Building.





Affirmative Action Plan

All vendors must submit as a part of the proposal package the following items to the Urban County Government:

- 1. Affirmative Action Plan for his/her firm;
- Current Work Force Analysis Form;

Failure to submit these items as required may result in disqualification of the submitter from award of the contract. All submissions should be directed to:

Director, Division of Central Purchasing Lexington-Fayette Urban County Government 200 East Main Street, 3rd Floor Lexington, Kentucky 40507

All questions regarding this proposal must be directed to the Division of Central Purchasing, (859)-258-3320.



143 Walton Avenue Lexington, Kentucky 40508

859.252.3047 o 859.252.0420 f

PaladinEngineers.com

Affirmative Action Plan Non-discrimination (Equal Employment Opportunity)

Paladin, Inc. selects individuals for employment based on individual merit and the needs of Paladin with the overall goal of obtaining those individuals best qualified to fill positions. Paladin is committed to the principal that there shall be no discrimination against any employee or applicant for employment because of race, color, religion, sex, age, national origin, pregnancy or related conditions, marital status, sexual orientation, family responsibilities, physical or mental disabilities, veteran's status, or political affiliations. All employees are recruited, hired, trained, and promoted without regard to the above attributes. Paladin attempts to accommodate the disabilities of all applicants and employees, consistent with the needs of the business, provided the applicant or employee advises the Company of the need for an accommodation. This operating practice of non-discrimination in employment includes, but is not limited to, the recruitment, hiring, assignment, transfer, promotion, demotion, rate of pay, or other form of compensation, selection for training, layoff, and/or termination of employment. If you have a concern regarding an issue of potential discrimination in our operation, please speak with a Company Officer.

Candice B. Rogers CCP. CxA. LEED AP BD+C

President Paladin, Inc. 7/14/14/ DATE

WORKFORCE ANALYSIS FORM

Name of Organization: Paladin, Inc.

Date: 7 114 114

Categories	Total	Wh	ite	Lat	ino	Bla	ıck	Oth	ner	To	tal
		М	F	М	F	M	F	М	F	М	F
Administrators	2	0	2							0	12
Professionals	4	3	1							3	1
Superintendents											
Supervisors											
Foremen											
Technicians	4	3	1							3	1
Protective Service											
Para-Professionals											
Office/Clerical											
Skilled Craft											
Service/Maintenance											
Total:	10	6	4							6	4

Prepared by:	Candia BRogers	President	
–	0	Name & Title	

AFFIDAVIT

Comes the Affiant, Paladin, Inc. , and after being first duly sworn, states under penalty of perjury as follows:
1. His/her name is <u>Candice B. Rogers</u> and he/she is the individual submitting the proposal or is the authorized representative of <u>Paladin, Inc.</u> , the entity submitting the proposal (hereinafter referred to as "Proposer").
 Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urbar 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.

En	rdin BRozers
	OF Kentucky
COUN	ry of <u>Fayetle</u>
	The foregoing instrument was subscribed, sworn to and acknowledged before me
ا برما	1114
ру	CANDICE ROLLERS, PRESSENT. on this the 141th day
	Juy , 201/3.4

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 Paladin, Inc.

Name of Business

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 Firm Submitting Proposal: Paladin, Inc.

Complete Address: 143 Walton Ave Lexington 40508'
Street City Zip

Contact Name: Candice B. Rogers Title: President

Telephone Number: 252-3047 Fax Number: 252-0420

Email address: Rogers C & Paladin KY-com

Lexington-Fayette Urban County Government MWDBE PARTICIPATION GOALS

A. GENERAL

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE) and Disadvantaged (DBE) Business Enterprises as subcontractors or suppliers in their bids.
- Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.

B. PROCEDURES

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned or Woman-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned or Woman-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
 - a) The Lexington-Fayette Urban County Government, Division of Central Purchasing (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE subcontractors and suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

C. DEFINITIONS

 A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned and operated by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.

- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned and operated by one or more Non-Minority Females.
- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned and operated by a person(s) that are economically and socially disadvantaged.
- 4) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled "MWDBE Participation Form". The applicable information must be completed and submitted as outlined below.
- 4) Failure to submit this information as requested may be cause for rejection of bid.

E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form." The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the "MWDBE Participation Form", the "Quote Summary Form" and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE participation, bidder shall enter "None" on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:

- a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate.
- b. Included documentation of advertising in the above publications with the bidders good faith efforts package
- c. Attended LFUCG Central Purchasing Economic Inclusion Outreach event
- Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities
- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms
- f. Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less that seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs to determine their level of interest.
- j. Provided the interested MWBDE firm with adequate and timely information about the plans, specifications, and requirements of the contract.
- j. Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE participation, even when the prime contractor may otherwise perform these work items with its own workforce.

- k. Negotiated in good faith with interested MWDBE firms not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE goals.
- o. Made an effort to offer assistance to or refer interested MWDBE firms to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal
- p. Made efforts to expand the search for MWBE firms beyond the usual geographic boundaries.
- q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE participation.

Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement. Documentation of Good Faith Efforts are to be submitted with the Bid, if the participation Goal is not met.



LFUCG MWDBE PARTICIPATION FORM Bid/RFP/Quote Reference # 34 - 2514

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.

MWDBE Company, Name, Address, Phone, Email	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. Paladin, Inc. 143 Walton Ave. Lexington, 144 40508 (454) 252-3047 Rogers C CPaladinky.com	Mechanical 4 Electrical Services for Phase A, Phase B, Phase C, Phase D, and Retro-	TBD	100%
2.	Commissioning.		
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.

Paladin, Inc.	Emdice Blagara		
Company	Company Representative		
7/14/2014	President		
Date	Title		



LFUCG MWDBE SUBSTITUTION FORM Bid/RFP/Quote Reference # 34 - 2014

The substituted MWDBE subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Central Purchasing for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project.

SUBSTITUTED MWDBE Company Name, Address, Phone, Email	MWDBE Formally Contracted/Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
1.					
2.		1			
3.	M	1,			
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Paladin Inc.	andie Bkopers	
Company	Company Representative	
7/14/2014	Fresident	
Date	Title	



MWDBE QUOTE SUMMARY FORM Bid/RFP/Quote Reference # 34-2014

The undersigned acknowledges that the minority subcontractors listed on this form did submit a quote to participate on this project.

		(work phone, Email, cell)	Contacted	to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female
		MA					
(MBE designation NA= Native Ame The undersigned of the contract and Paladin, Ir. Company	erican) acknowledg nd/or be sul	ges that all infor	mation is a	and State	any misrepreser	ntation may resul g false statement	lt in termination



LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE vendors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Central Purchasing/ 200 East Main Street / Room 338 / Lexington, KY 40507.

Bid/RFP/	Quote #3	4-2014				TON			
Total Cont	tract Amou	nt Awarded	to Prime (Contractor f	or this Project_	IDD			
Project Name / Contract # Engineering Services · UV+c				Work Period/ From: To: 4 365 days from contract initiative					
Paladin, Inc.				Address: 143 Walton Are Lexington, 44 40808 Contact Person:					
Federal Tax ID: (61 · 1098925				Candice B. Rosers					
Subcontractor Vendor ID (name, address, phone, email	Description of Work	Total Subcontract Amount	% of Total Contract Awarded to Prime for this Project	Total Amount Paid for this Period	Purchase Order number for subcontractor work (please attach PO)	Scheduled Project Start Date	Scheduled Project End Date		
urle	Surm	it mos	thley						
each of the re and/or prosec	presentations	set forth below pplicable Feder	is true. Any al and State la	misrepresentat ws concerning		e termination			

LFUCG STATEMENT OF GOOD FAITH EFFORTS Bid/RFP/Quote # 34 - 2014

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE business enterprises on the project and can supply the appropriate documentation.
Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate.
Included documentation of advertising in the above publications with the bidders good faith efforts package
Attended LFUCG Central Purchasing Economic Inclusion Outreach event
Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities
Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms
Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s).
Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less that seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
Followed up initial solicitations by contacting MWDBEs to determine their level of interest.
Provided the interested MWBDE firm with adequate and timely information about the plans, specifications, and requirements of the contract.
Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible

	units to facilitate MWDBE participation, even when the prime contractor may otherwise perform these work items with its own workforce
	Negotiated in good faith with interested MWDBE firms not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
	Included documentation of quotations received from interested MWDBE firms which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
	Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE goals.
	Made an effort to offer assistance to or refer interested MWDBE firms to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal
	Made efforts to expand the search for MWBE firms beyond the usual geographic boundaries.
	Other - any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE participation. Paladin is a wee and will self-fulfill the requirement. Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement. Documentation of Good Faith Efforts are to be submitted with the Bid, if the participation Goal is not met.
	owledges that all information is accurate. Any misrepresentations may result contract and/or be subject to applicable Federal and State laws concerning laims.
Paladin, In Company	Company Representative
	President
7 14 2014 Date	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,
- 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, safely 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.

- 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.

Candiu Blagers 7/14/2014
Signature Date

Expiration Date

Certification Number



National Women Business Owners Corporation

Certifies that:

Paladin, Inc.

has successfully met the requirements of the NWBOC National Certification Program for certification as a woman-owned and woman-controlled business.

Jaco Lanis Lange President

October 15, 2013

NAICS Code(s): 541330

Tampering or altering this certificate is, in the discretion of NWBOC, grounds for termination of certification NWBOC, 1001 W, Jasmine Dr., #G, Lake Park, FL 33403 • 800-675-5066 • www.nwboc.org

