

Features and Benefits

Local Experience and Provider

AMK Services has been a service provider to local Kentucky agencies for many years. You can be assured that your local point of contact takes personal interest and accountability for the system. Additionally, the Communications system proposed meets the requirements and standards provided in the RFP.



In order to deliver on your functional and operational goals, AMK Services has proposed an advanced radio communications system that combines superior equipment and a project management plan that will ensure the success of your RFP. Our proposal provides a detailed description of requested equipment and pricing. We are confident that we meet all requirements required by LFUCG. Some of the benefits from your radio system are listed below:



Project Services

AMK Services will be the single point of contact for the installation and integration of this system. The installation includes the integration of all of the proposed subsystems to provide an end-to-end network and RF solution. We have included a detailed schedule and implementation plan. Our acceptance test plans are customized to the equipment offered to LFUCG.



Warranties

All warranties in are included in section 4 of this document. AMK stands by our work and our products. Warranty repairs on all furnished equipment and systems shall be made at no cost for parts for a minimum of one year from the date of final acceptance. AMK assumes responsibility for any shipping and handling costs incurred to send components to manufacturers for repair or replacement.



Experience

AMK Services has team members with over 75 combined years of experience implementing large-scale communication systems throughout the world and understands the importance of establishing a cohesive project team. Our management team, engineering resources, and local service team will ensure a smooth implementation for your Project.



Reliability

The proposed systems will support mission critical communications for the region's Chemical Stockpile Emergency Preparedness Program (CSEPP) and the Emergency Management Agency (EMA), as well as local law enforcement, fire, emergency medical services (EMS) agencies, and amateur radio services. All proposed equipment shall meet or exceed industry standards for quality and reliability.

AMK Services ensures our manufacturers and suppliers provide innovate and industry leading features designed to keep your communications available, secure and efficient.



Compliant and Competitive

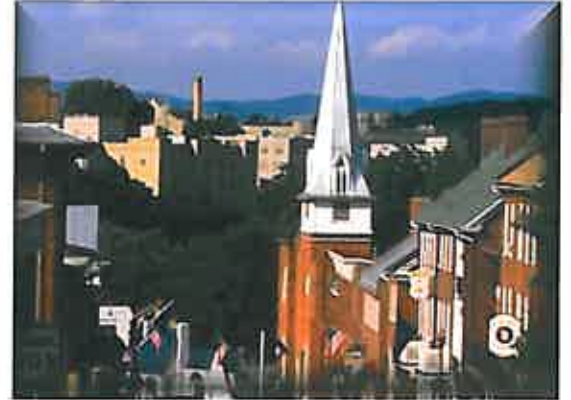
Always Deliver More Than Expected

AMK Services believes that quality should not be commiserate with cost. We are confident that our pricing structure is competitive and comprehensive. Our pricing, found in Section Five of the RFP response, delineates the pricing structure in accordance with the RFP requirements.



Competitive Pricing

All Manufacturer Warranties Included
All Inclusive - No Hidden Fees
Best Overall Cost of Ownership



AMK Services has provided a response that we feel is complete and fully meets the requirements of the LFUCG. Many of us at AMK are former Public Safety and/or Military personnel, so we understand the importance of reliable and future ready Public Safety Systems. Public safety demands excellence in their communications and the AMK team has presented a versatile, efficient and future ready radio system for LFUCG.



Sound Partnership

The Right Solution Needs the Right Partner



Dedication — AMK Services is dedicated to LFUCG's goals and to the project's overall success. AMK Services will provide employees who will engineer, install and support your communication system and provide a quick response time to support the project in the most efficient manner.

Innovation — We are more than a radio company, we are a communications company spreading across the Midwest and even further. We help develop cutting-edge solutions that have improved the world of emergency response. Our people and services will truly empower your team of dispatchers and first responders, providing them exactly the tools they need today and for the future.

Experience — AMK Services is a leader in Communications technology and standards-based solutions. Our reliability and expertise are the cornerstone of our success. AMK Services has built a reputation for delivering outstanding return on client investment.

Unwavering Support — AMK Services is committed to providing LFUCG with the expertise and knowledge to ensure the entire project is completed on time and on budget.

Compliance to RFP

- Satisfy and Comply with all Aspects of RFP
- Detailed Statement of Work
- Warranty Details
- Specification Sheets for all Major Components

AMK Services has provided a response that we feel is complete and fully meets the requirements of LFUCG. However, we understand that the need for detailed information and accuracy often makes it difficult to find the information in bid responses. The table below provides the evaluators of this RFP response the ability to quickly access data and information and compare our responses with the original RFP.

Information Location Guide

<u>Description</u>	<u>Response Page</u>
Mandatory Forms	Page 43, Section 6
Capability, Features and Functionality	Page 23, Section 2
Warranty, and Support	Page 38, Section 3
Organization Information	Page 6, Section 1
Price Proposal	Page 40, Section 5



Table of Contents

1. Qualifications.....6

1.1 Organization Information6

1.1.1 AMK Services – Mission and History6

1.1.2 Organization.....6

1.1.3 Approach.....6

1.1.4 Services.....7

1.1.5 AMK Services Organization Chart.....8

1.2 Job Descriptions.....9

1.2.1 Project Manager9

1.2.2 Project System Engineer10

1.2.3 Site Manager11

1.3 Resumes.....12

1.3.1 Project Manager12

1.3.2 System Engineer14

1.3.3 Site Manager15

1.4 Experience17

2. Description of System.....23

2.1 Scope of Work23

2.1.1 Project Implementation Plan.....23

2.1.2 Statement of Work23

2.1.3 Site Implementation Overview25

2.2 ICOM IC-7100.....28

2.3 Flex-6500 Amateur Transceiver30

2.4 Palstar HF-Auto Antenna Tuner31

2.5 Remotorig RRC-1258MkII-S31

2.6 IDA 24-66.....31

2.7 Encore Pro 510.....33

2.8 Db Spectra33

2.9 Command Center Package.....34

2.10 Cisco SG-300 Switch.....34

3. Project Schedule37

4. Warranty Information38

4.1 Warranty38



4.2	Exceptions.....	38
4.2.1	Tower Maintenance and Climbs	38
4.2.2	Non-Warranty Items	38
4.2.3	Delays	38
4.2.4	Licensing.....	39
4.2.5	Equipment.....	39
5.	Pricing.....	40
6.	Required Documentation	43

1. QUALIFICATIONS

1.1 ORGANIZATION INFORMATION

1.1.1 AMK Services – Mission and History

For years AMK Services has helped agencies improve operations by providing state of the art communications equipment, expert service and comprehensive maintenance. Since our company's founding in 2005, AMK Services has become a leading Harris dealer and service center. AMK Services currently employ 20+ people throughout our five offices nationwide. Our sales and technical employees average 20 years of experience and have completed large-scale projects for agencies such as: Idaho National Laboratories, Madison County KY EMA, Duke Energy, Chicago Dispatch, Aurora/Naperville IL, Dayton Power and Light, Cumberland County TN and many others. Our goal in working with any company is to define, implement and manage your telecommunications strategy, placing your business goals and objectives at the forefront.

1.1.2 Organization

AMK Services is a Limited Liability Company (LLC) established in 2005 in Johnstown, Ohio and was founded to provide communication design, installation and maintenance services to the Public Safety and Private Sector community. Today AMK Services have a combined 75+ years of technical expertise in the industry and continue to provide quality service for agencies throughout the Midwest and Southeastern United States.

Company Legal Name

AMK Services, LLC

Location of Incorporation

Ohio

Offices

- Johnstown, OH
- Anderson, IN
- Richmond, KY
- Naperville, IL
- Crossville, TN

Employees

AMK Services currently employs 20+ professionals throughout the country covering all aspects of our services.

Our Officers

- April Graham, Chief Executive Officer and Majority Owner
- Greg Graham, Founder and President

1.1.3 Approach

Each new project is assigned to a principal in charge who will follow the project from inception through commissioning. AMK assigns staff according to the nature of the project and the work force necessary to meet the schedule. The principal in charge of that project determines if consultants are needed and coordinates all areas. After bidding, a principal of AMK coordinates visits to the job site regularly, all the way through the post-warranty inspection. AMK believes in the team approach when providing engineering design and consulting services. AMK Services starts with our client as the number one member on the team. The basis for your design is by listening to your needs and concerns.

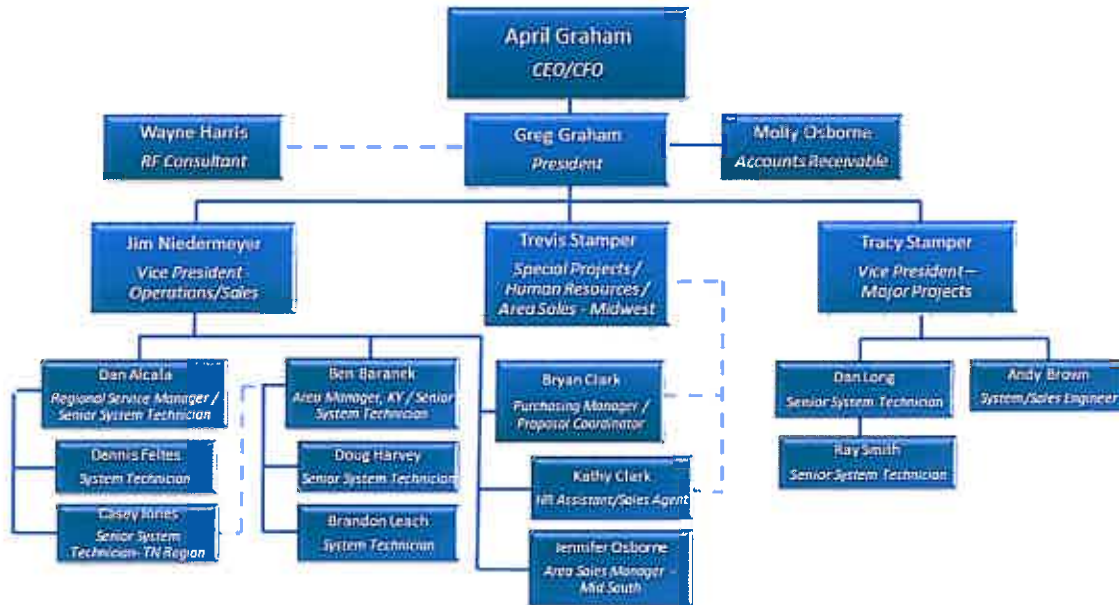
The AMK Services design team provides a total system evaluation for cost-effective selection, installation, and ease of maintenance for both new systems and upgrades to existing systems. Design begins with our client. Our staff meets with our client to review their concerns, budgets and schedules. The AMK team reviews the entire picture, and ends with "A Total Design."

1.1.4 Services

- System Design, Engineering and Installation
- DAS/BDA Design and Installation
- System Functional Testing
- Program/Project Management
- Console Integration
- Software Database Management Solutions
- End User Radio Installation
- Microwave Design and Installation
- Site Surveys
- Baseline Testing and Documentation
- System Upgrades
- System Maintenance
- Broadband and LTE Data Solutions
- End User Training

1.1.5 AMK Services Organization Chart

AMK Organization Chart



1.2 JOB DESCRIPTIONS

AMK Services has team members with over 75 years of combined experience implementing large-scale communication systems throughout the country and understands the importance of establishing a cohesive project team. The core AMK project team for your project will consist of a Project Manager, System Engineer, Site Manager, and Field Service Manager. Our management team, engineering resources, and local service team will ensure a smooth implementation for the LFUCG Communications System Project.

LFUCG will be required to assign a Project Manager (PM) to function as the single point-of-contact and official liaison between AMK Services and LFUCG. All communications concerning the project and its associated work scope will be directed to LFUCG's Project Manager (PM). AMK Services will assemble a team of experienced and dedicated individuals to implement the system. The responsibilities for the team members are defined below:

1.2.1 Project Manager

AMK Services has selected Tracy Stamper as its Project Manager (PM) for the LFUCG Communications Project. The Project Manager's primary responsibility is the successful implementation, integration, optimization, and acceptance of your project. The PM will manage all phases of this project from the beginning through acceptance. He is responsible for ensuring the progress and quality of work to be performed, managing overall project cost, and processing any contract changes. He will be the primary point of contact for LFUCG. All official communications regarding the project will be held between the AMK Services PM and the LFUCG's PM.

Once the contract is signed, the Project Manager and his team will work with the subcontractors and vendors to prepare for the upcoming installation. Through the support of AMK's procurement, manufacturing and order logistics functions, the PM will ensure that materials and equipment are ordered and shipped, and services are coordinated in support of the project schedule.

The PM's responsibilities are ongoing throughout the project and include but are not limited to the following:

- Managing all aspects of the project
- Conducting project activities according to contract and within scope, quality, time, and cost constraints
- Setting up and managing the project team
- Coordinating interfaces with subcontractors
- Working with internal/external functional units for such activities as permits, licenses, etc.
- Establishing procedures
- Defining, approving, and distributing all plan changes
- Approving, validating, and distributing design decisions
- Managing risks
- Maintaining quality control
- Communicating safety plans, scheduling safety meetings with team and subcontractors

- Selecting, hiring and managing required subcontractors
- Preparing purchase orders for goods, services, and supplies
- Preparing and distributing budgets and project cost reports
- Monitoring and controlling actual costs versus plans
- Holding team progress meetings
- Holding issue resolution meetings
- Submitting progress reports to the LFUCG
- Maintaining project records and files
- Communicating with the LFUCG

1.2.2 Project System Engineer

AMK Services has selected Andrew Brown as the project System Engineer (SE) who will have full technical responsibility for the design and technical implementation of the proposed system design. The SE will be responsible for integrating vendor products (agreed to in the system purchase contract) into a complete operational system. The SE will also participate in all design review meetings and provide technical support to the AMK Services' PM.

The System Acceptance Test, defined by the contract as the Acceptance Test Plan (ATP), will be overseen by the SE. He will also direct the system optimization process and other tests to ensure that all system parameters are correct and fully meet the technical and contractual requirements. In addition, the SE will provide technical support to AMK Services Technical Publications department for provision of as-built drawings and other technical documentation deliverables.

The SE is responsible for creating documents for System Design Review such as:

- Antenna drawings
- Rack drawings
- Electrical power loads/BTUs
- Acceptance test plan
- System block diagrams
- Finalizing system design and reviews
- Configuring the system
- Providing implementation support
- Creating final system documentation

1.2.3 Site Manager

AMK Services has selected Dan Long as the project's Site Manager. The Site Manager (SM) will be responsible for assisting with planning and coordinating the installation, testing, and acceptance of the radio system. The SM will report directly to the Project Manager and will be the local day-to-day on-site contact to LFUCG. The SM will provide on-site supervision of installation teams and coordinate work among installers, subcontractors, and the LFUCG's organizations that are associated with the project. To ensure the system is installed according to the schedule and specifications, the Site Manager will initiate appropriate action, as required, and inform the Project Manager of any issues. The SM, working with LFUCG and the AMK Services Training Manager, will coordinate the training schedule.

1.3 RESUMES

1.3.1 Project Manager

AMK Services			
Tracy L. Stamper 909 Emerald Drive Naperville, IL 60540 740-975-1896 Vice President of Major Projects Tracy@amk-services.com		Company	Employers
	AMK Services	2008-Present	Systems Engineer
	Alltel Communications, Inc	1997-2007	Network Operations Manager
	Alltel Communications, Inc	1995-1997	Switch Technician
Education Background and Training			
Degree	Year	University	Program
Navy	1984-1992	Navy "A" and "C" Schools, Millington, TN	Aviation Electronics Technician
	1990-1992	Cuyamaca Community College	Core studies in Electrical Engineering Technology
Training:			Harris OpenSky Harris Console Training Numerous Harris Web Courses
Qualifications and Experience			
AMK Services – Chicago 911 Dispatch			
Site Manager for the City of Chicago's 911 Dispatch center upgrade of over 120 Harris Maestro Dispatch Consoles, the largest dispatch center in the world. Liaised directly with City and County Managers as well as provided Harris Corporation daily feedback concerning job status and planning recommendations.			
AMK Services – Ohio			
Responsible for the coordination and installation of all major projects within AMK Services. Served as the Senior Site Manager for the Aurora/Naperville, IL OpenSky and 4.9 WiMAX project. Handpicked as the current the Senior Site Manager for the largest dispatch center in the world (Chicago OEMC 911 Dispatch Center) and the NIPSCO (Northern Indian Public Service Company) OpenSky Project.			
Alltel Communications Inc – (1993-2007)			
Supervised, trained and assisted with the installation, ATP and operation of wireless analog/CDMA systems. Served as the project manager for all projects involved with the construction and operation of over 10,000 square miles (120 RF sites) of an 800 MHz CDMA wireless system. Liaised directly with engineering in the design and installation procedures for new and existing CDMA BTS and switching platforms. Required to manage the network technician's and contractor's activities and schedules for the North Florida regional market.			
United States Navy – (1984-1992)			
Responsible to maintain the full operational readiness of Automated Test Equipment, avionics systems and communications equipment on US NAVY aircraft during Land & Carrier based operations. Flight qualified aircraft electronics technician, certified to fly with pilots to repair stranded / grounded aircraft. Performed repairs on US Navy aircraft communications, navigation, Identification, and radar systems. Performed supervisor duties in aircraft electronic maintenance shops at various duty stations. Honorable Discharge – January 1992.			

AMK Services

Years of Relevant Experience: 30 Years

Accomplishments

- On-Call Engineer for the Aurora and Naperville OpenSKY radio system when Harris technicians are in need of assistance
- Senior Engineer for the on-going maintenance of the Harris Stratex 10GHz microwave system for Naperville IL
- Liaison, present and Train Harris Sales Staff and provide engineering support for the Harris VIDA Bus throughout the continental United States and Canada
- On-Call Engineer for the Aurora and Naperville OpenSKY radio system when Harris technicians are in need of assistance
- Senior Site Manager for the Battelle Energy Alliance and Idaho National Laboratories P25 Radio System
- Senior Site Manager for the Aurora IL, Mobile Command Center upgrade and Cell on Wheels (COW).
- Liaison to Harris for the State of Pennsylvania OpenSKY re-banding Project
- Worked with corporate teams to ensure all regulatory requirements were in compliance for Cellular Tower Structures and Spill Containment Plans at the former Alltel MTSO – (Mobile Telephone Switching Office)...
- Lead Disaster Recovery teams to quickly restore voice & data communications to the cellular network. Coordinated repair efforts & logistics of local and remote resources i.e. Network Technicians, Electricians, Fuel vendors, Generator suppliers, Crane operators, Tower companies & Cleanup crews.
- Managed numerous large scale projects ranging from analog voice to digital voice & data conversions, Integration of (Motorola & Nortel) switch & cell site equipment, Integration of AC/DC power plants i.e. main service & remote distribution panels, 750kw / 150kw generators & transfer switches, UPS' & Batteries. Performed various management & administrative duties i.e.
- Managed daily installs and replacement of over 400 vehicle radios for Will County Re-banding
- Liaison to Harris for the Duke Energy OpenSKY project
- Project Manager for Cumberland County Harris P25 6 site system
- Project Manager for NIPSCO communications project
- Project Manager for Dept of Energy Nevada Harris P25 trunked simulcast 6 site system

Years of Public Sector Experience: 21 Years

1.3.2 System Engineer

AMK Services			
Andrew Brown 4885 N State Road 9 Anderson, IN 46012 (765) 642-2995 browna@amk-services.com		Employers Company AMK Services	Dates 2011-Present Position Systems Engineer
Education Background and Training			
Degree	Year	University	Program
HS	2004	Concordia Lutheran, Fort Wayne, IN	N/A
BS	2011	Purdue University, Fort Wayne, IN	Electrical & Computer Engineering Technology
Training:		Harris RAPTR Harris Falcon Training Numerous Harris Web Courses	
Qualifications and Experience			
AMK Services – Anderson, IN (2011-Present) Responsible for the installation, maintenance and repairs on Harris EDACS, P25 and OpenSky radio systems. Work with the engineering team to develop new products as well as improve existing systems. Assist in the design and sales of new radio systems. Help to improve customer's existing radio systems. Work with customers in order to help them improve and fully utilize their products.			
Years of Relevant Experience: 4 Years			
Accomplishments			
1. Designed and built an in-house Harris P25 multisite demo system that utilized both MASTR V and MASTR III repeaters. Installed and configured a Network Switching Center and integrated a C3 Maestro Dispatch Console into the system. 2. Worked with engineering team in the design of a cell-on-wheels (COW) that integrated a stand-alone Harris OpenSky base station with a one hundred foot mobile tower. Contributed to the installation of the stand-alone site's equipment and camera system. Assisted the sales team to improve future COW projects. 3. Directed the installation of over 500 mobile radios for the Dayton Power & Light OpenSky Project. 4. Built a prototype fire paging device that is set off via an IP connection but also contains a redundancy through RF connection. Worked along with the engineering team to improve the hardware design along with the software's user interface.			
Years of Public Sector Experience: 4 Years			

1.3.3 Site Manager

AMK Services			
<p>Daniel T. Long 4885 N State Road 9 Anderson, IN 46012 (765) 642-2995 longd@amk-services.com</p>			Employers
	Company	Dates	Position
	AMK Services	2008-Present	Program/Site Manager
	Alachua Co. Sheriff's Office	2005-2008	Detention Officer
	Mobile Solutions	2005-2008	Owner/Technician
Education Background and Training			
Degree	Year	University	Program
Associates	2003	Santa Fe Community College, FL	Business Administration
Training:		Numerous Harris Web Courses	
Qualifications and Experience			
AMK Services – (2008-Present)			
Responsible for the maintenance and installation of 2-way radio systems and related equipment at various locations across the country. Performed installation and implementation of the first Harris P25 MASTR V IP-based simulcast system in Madison County, KY. Served as Quality Assurance Manager during the 800 MHz re-banding process for the NFTA in Buffalo, NY and the City of Irving in Irving, TX. Currently the Lead Technician for the DP&L OPENSKY Installation Project.			
Alachua County Sheriff's Office – (2005-2008)			
Worked as a state-certified Correctional Officer, responsible for the care, custody and control of the inmate population.			
Duties included: managing all daily activities of the assigned housing unit, assuring the security of the facility, and providing for the safety of all staff and visitors. Required a constant level of alertness, the ability to make critical decisions quickly, and an independent as well as a team-oriented work ethic.			
Mobile Solutions – (2005-2008)			
Responsible for the installation and repair of cellular phone and 12-volt equipment in vehicles, performed on-site at customers' locations. Duties included: all aspects of sole proprietor ownership, performing installation and repair work.			
Business was started when ALLTEL Communications dropped their contract with Solectron Global Services, ALLTEL then referred all installation and repair work to my company.			
Solectron Global Services – (2001-2005)			
Responsible for installation and repair of cellular phone equipment in vehicles, done on-site at customers' locations.			
Duties included: scheduling appointments, performing installation and repair work as needed, maintaining a supply inventory, maintaining a company vehicle, handling all paperwork and generating weekly and monthly summary reports.			
Years of Relevant Experience: 14 Years			
Accomplishments			
<ul style="list-style-type: none"> - Performed installation and implementation of the Harris P25 MASTR V IP-based simulcast system in Peoria County, IL and Monroe County NY. - Performed installation and implementation of the first Harris P25 MASTR V IP-based simulcast system in Madison County, KY. 			

AMK Services

- Over 11 Years of experience in numerous communication platforms and networking technologies.
- Possess invaluable knowledge with respect to today's ever changing technology. Specifically adapted to environments where dedicated services are merging with wireless technology.

Years of Public Sector Experience: 14 Years

1.4 EXPERIENCE

AMK Services has been delivering successful and innovative solutions throughout the Country since 2005. Our history and commitment of providing our customers with the most cost effective solution that meets their current and future needs starts with our team's commitment of being devoted to your cause throughout the life of your system. A few examples of our system deployments are provided below:

AMK Services is the best choice in Public Safety LMR Communications, as shown by our recent P25 System Wins across North America:

- Cumberland County, Tennessee
- Madison County, Kentucky
- Idaho National Laboratory, ID
- Aurora, IL
- Lancaster Ohio

Cumberland County, Tennessee

UHF P25 Phase 2 Simulcast System

Program Overview

Cumberland County, TN is a 6 site Harris P25 Phase 2 UHF Simulcast System that AMK Services was awarded in December 2014. AMK Services provided system engineering, design, installation services as well as microwave backhaul design and installation. AMK Services will also be installing 6 Symphony Dispatch Consoles at the dispatch center.

System Description

- 6 Simulcast sites
- Ring Designed Microwave Network
- 6 Dispatch Consoles
- Logging Recorders
- 700 users

Period of Performance

Contract Value at Award: \$ 2,200,000.00
Contract Date: December 2014
Acceptance Date: December 2015

Contact Point

Keith Garrison
Cumberland County, TN
42 Southbend Drive
Crossville, TN 38555
Phone: (931) 510-1999
Email: keith.garrison@cccema.org



Madison County, Kentucky **P25^{IP} Simulcast Trunked System**

Program Overview

Madison County is an eight site ten-channel 700/800 MHz P25IP Linear Simulcast System with an additional 9th multisite, and 11 C3IP Dispatch Consoles, including an 8 site Alcatel – Microwave system, supporting their simulcast system and a two site Exalt 4.9 microwave backhaul, that operates as a backup to their dispatch center. AMK Services installed the infrastructure, equipment, mobile radios, optimized the system and now maintains the Madison County as a subcontractor to Harris Corporation.

System Description

- 9 Sites (one of the sites being a multisite VDOC site)
- 10 Channels
- 2500 users

Period of Performance

Contract Value at Award: \$ 12,000,000.00
Installation Date: 2010

Contact Point

Michael Bryant
Madison County Emergency Management Agency
560 South Keeneland Drive
Richmond, Kentucky 40475
Phone: (859) 624-4787
Email: MBryant@madisoncountyema.net



Idaho National Laboratory 800 MHz P25 System

Program Overview

AMK Services partnered with Harris Communications to provide the Idaho National Laboratory with a 3 site, 8 Channel 800MHz P25 public safety communications system. AMK Services was responsible for Site Management, Installation and Engineering services along with the commissioning of 12 Harris MAESTRO console systems.

System Description

- 3 Sites
- 8 Channels
- 12 Maestro Consoles
- 2000 users

Period of Performance

Contract Value at Award: \$ 6,000,000.00:
Installation Date: 2012

Contact Point

Steve Williams
Idaho National Laboratory
1955 N Fremont Ave
Idaho Falls, ID 83415
Phone: (208) 520-1124
E-mail: <mailto:jim.davis@pittgov.org> Steve.Williams@inl.gov



Aurora, Illinois Open Sky System

Program Overview

AMK Services partnered with Harris Corporation to provide first responders in the City of Aurora, Illinois with a 6 site OpenSky public safety communications system and an Alcatel-Lucent Microwave Backhaul. AMK Services provided Site Management, Installation and Engineering. This was a two year project involving numerous agencies including a new dispatch centers, back up dispatch centers and an Emergency Operations Centers.

System Description

- 6 Sites
- 1000 users

Period of Performance

Contract Value at Award: \$ 9,000,000.00
Installation Date: 2010

Contact Point

Ted Beck
Chief Technology Officer
44 E Downer Pl, Aurora, IL 60505
630.417.7494
TBeck@aurora-il.org



Lancaster, Ohio UHF P25 System

Program Overview

AMK Services partnered with Codan Communications to provide first responders in the City of Lancaster Ohio with a 6 site UHF P25 public safety communications system. AMK Services provided Site Management, Installation and Engineering for both the County and Codan Communications.

System Description

- 6 Sites
- Channels
- 150 users

Period of Performance

Contract Value at Award: \$350,000.00
Installation Date: 2013

Contact Point

Ed Campbell
City of Lancaster, OH
104 E. Main Street
Lancaster, Ohio 43130
Phone: 740-687-6645
Email: ecampbell@ci.lancaster.oh



2. DESCRIPTION OF SYSTEM

2.1 SCOPE OF WORK

2.1.1 Project Implementation Plan

AMK's proposal to LFUCG provides the system design and implementation services to deploy a fully operational System. Our team has highly skilled professionals experienced in designing and installing complex communications systems such as the one proposed for Fayette County.

The implementation plan includes many steps to get from contract signing to system acceptance. The following is a list of those key steps:

- Contract signing
- Customer design review
- System installation
- Acceptance testing
- Final acceptance
- Warranty period

2.1.2 Statement of Work

This Statement of Work (SOW) defines the activities and responsibilities of all parties for the implementation of Amateur Radio Equipment and the Re-location of Equipment. These activities include the system equipment installation work and the site development work to be performed.

2.1.2.1 General Responsibilities

AMK Services will designate an individual to be the Program Manager (PM). The PM will direct the AMK Services team's efforts and serve as the point of contact to LFUCG. The PM will have the authority to run the project and make decisions. He will have access to AMK Services management for project reviews or problem resolution as required.

AMK Services PM will:

- Participate in project review meetings, submit status reports.
- Establish project communications protocol, maintain communications log as required
- Manage the AMK Services team
- Report project progress as compared to project schedule
- Update project schedule
- Manage and control the flow of products and equipment from the factory to meet the project schedule
- Review change orders with LFUCG complete the change request form, update change register

LFUCG will:

- Designate an individual to be LFUCG's Project Manager. This person will be the primary point of contact for the AMK Services PM, receiver and sender of official communications for the LFUCG
- Review all submitted material
- Provide written approval for major milestones (Installation and Final Acceptance)
- Participate in project update calls
- Participate in project review meetings
- Provide timely responses to issues and questions
- Coordinate with other state and local government agencies, as required
- Review any change orders with AMK Services PM

2.1.2.2 Fixed Equipment Installation

AMK Services will be responsible for the installation work, detailed in the Description of Work. The work will be scheduled to coordinate with the delivery of equipment. All equipment will be installed in a neat and professional manner, employing a standard of workmanship consistent with professional installation standards and in compliance with applicable National Electrical Code (NEC), EIA, Federal Aviation Administration (FAA), and FCC standards and regulations.

For installation of the fixed equipment at the various sites, AMK will furnish all of the required cables for the system, which includes Connectors, Mounting equipment and other items associated with the installation. Each cable will be labeled and included in the final as-built documentation package. Each cable run will be secured with cable ties, with excess material folded back and neatly coiled.

All of the equipment provided will be properly grounded to the site's grounding system. All cabinets, racks, enclosures, and transmission line surge protectors will be connected to the single point ground system. Ground connections will be connected using approved irreversible compression connectors or irreversible lugs and splices. All painted surfaces where ground connections will be made will be scraped clean of paint and dissimilar metal connections will be treated with an anti-oxidant compound.

2.1.3 Site Implementation Overview

2.1.3.1 PSOC Main Distribution Frame (MDF) room

AMK Services will:

- Provide and install two (2) equipment racks, two (2) PDUs and necessary shelves
- Install three (3) existing Harris CS7000 800 MHz Control Stations and add IP interfaces
- Remove and install one (1) Madison County 800 MHz Control Station and add IP interface
- Install one (1) existing VHF TK-5720 Radio and add IP interface
- Install nine (9) existing Mutual Aid Control Stations and power supply
- Provide and install three (3) new combiners and RF jumpers to support VHF, UHF and 800 Mutual Aid Radios
- Provide and install power supply for TK-5720 Radio
- Provide and install Spectracom Command Center GPS Netclock
- Provide and install 24-port Ethernet/Fiber switch and all necessary jumpers from MDF Room to PSOC tower shelter
- Ground all equipment per the latest Harris/Motorola grounding specifications
- Label all cables per system engineer's documentation and interconnection
- Record all relevant serial numbers
- Provide As-built documentation for all work completed
- Cleanup site, remove all debris and un-wanted material

LFUCG Will

- Provide three (3) CS7000 800 MHz Control Stations
- Provide one (1) Madison County 800 MHz Control Station
- Provide one (1) VHF TK-5720 Radio
- Provide nine (9) Mutual Aid Control Stations, eight (8) shelves, power supply, LMR400 cable and connectors for jumpers
- Provide floor space for racks
- Assist in arranging for temporary parking to off load equipment
- Provide temporary IDs to AMK Services work crew as needed for access to LFUCG's facilities

2.1.3.2 PSOC Penthouse

AMK Services Will

- Provide and install six (6) antennas with wall mounts to support VHF, UHF and 800 Mutual Aid Radio combiners

- Provide and install one (1) VHF Weather Radio antenna with wall mount
- Provide and install one (1) GPS antenna with wall mount
- Provide and install 7/8", 1/2" and LMR400 coaxial feed lines as specified in RFP from antennas to MDF Room
- Provide and Install Entry Port
- Provide and install (1) External Ground Bus bar at entry port
- Provide and install (1) Interior Ground Bus bar at entry port
- Ground all equipment to according to latest Harris/Motorola grounding specifications
- Perform intermodulation study on all antennas/receivers
- Cleanup site, remove all debris and un-wanted material
- Perform and document all required testing in accordance with the contract

LFUCG Will

- Assist in arranging for temporary parking to off load equipment
- Provide temporary IDs to AMK Services work crew as needed for access to LFUCG's facilities

2.1.3.3 PSOC Tower/Shelter

AMK Services Will

- Provide and install one (1) HF inverted-V antenna on tower
- Provide and install wooden utility poles as needed to support HF antenna
- Provide and install two (2) dual band 2-meter/70cm antennas on tower
- Provide and install one (1) VHF antenna on tower
- Provide and install 1/2" and LMR400 coaxial feed lines as specified in RFP from antennas to tower shelter
- Provide and install SPDs on coaxial feed lines
- Provide and install 19" equipment rack, PDU and necessary shelves
- Provide and install one (1) Flex 6500 HF Radio, Palstar antenna tuner and power supply
- Provide and install two (2) ICOM 7100 dual band radios, power supplies and remote interfaces
- Install one (1) existing Civil Air Patrol EJ Johnson radio and add IP interface
- Provide and install 24-port Ethernet/Fiber switch and all necessary jumpers from PSOC tower shelter to MDF Room
- Ground all equipment to according to latest Harris/Motorola grounding specifications
- Label all cables per system engineer's documentation and interconnection

- Cleanup site, remove all debris and un-wanted material
- Record all relevant serial numbers
- Provide As-built documentation for all work completed
- Provide operating manuals and warranty information for all new equipment installed
- Perform and document all required testing in accordance with the contract

LFUCG Will

- Provide MGB for the equipment that meets latest Harris/Motorola grounding specifications
- Assist in arranging for temporary parking to off load equipment
- Provide temporary IDs to AMK Services work crew as needed for access to LFUCG's facilities

2.1.3.4 PSOC Building (various locations as specified)

AMK Services will:

- Provide and install Flex Maestro Control Head
- Provide and install two (2) dual-band remote radio control heads
- Provide and install six (6) desktop remotes with external speakers and headsets for radios with IP interfaces
- Provide and install three (3) VHF weather alert radios, splitter, distribution amplifier and connect to antenna on Penthouse
- Provide and install eighteen (18) GPS Netclock time displays
- Provide and install fiber jumpers in IDF Room to complete connection between tower shelter and MDF Room
- Label all cables per system engineer's documentation and interconnection
- Cleanup site, remove all debris and un-wanted material
- Record all relevant serial numbers
- Provide As-built documentation for all work completed
- Provide operating manuals and warranty information for all new equipment installed
- Perform and document all required testing in accordance with the contract

LFUCG will:

- Provide access to the site
- Provide MGB for the equipment that meets latest Harris/Motorola grounding specifications
- Assist in arranging for temporary parking to off load equipment
- Provide temporary IDs to AMK Services work crew as needed for access to LFUCG's facilities

2.2 ICOM IC-7100

Icom's solid experience in amateur radio technology spans decades and is reflected in its quality selection of HF, handheld and mobile models. Veteran DX contesters, EmComm volunteers and HAMs just starting out rely on Icom for high-performing and easy-to-use products. Icom continues its commitment to the amateur radio hobby with D-STAR, the all-digital mode that's attracting a new generation to ham radio.

Intuitive Touch Screen Interface

The innovative touch screen interface provides quick and smooth operation for setting and editing various functions and memories.

Straight Forward Operation

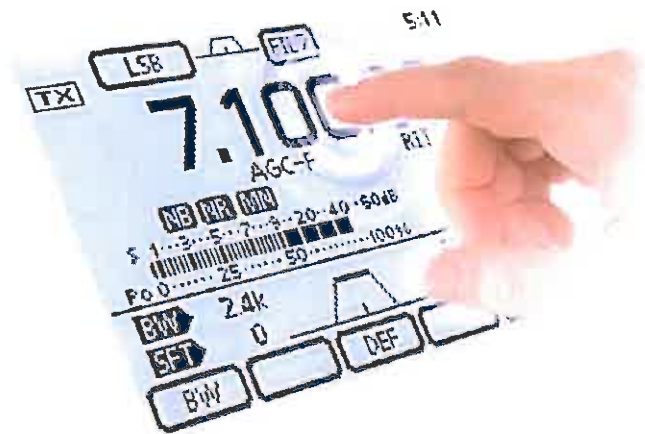
Just tap the mode, filter, function etc., you need to change. The touch screen responds naturally, hanging your settings.

Software Keypad

Entering frequency, call sign or editing memory channels has never been this easy. The software keypad on the touch screen allows you to input alphanumeric characters incredibly quickly.

One Touch Selection

For example, if you want to change the operating band, tap the frequency on the display. The band keys will be shown to select the operating band. Touching the multi-function meter indicator for 1 second will quickly change the transmit meter functions.



Resistive Touch Screen

The radio control head features a large, multi-function, "touch screen" dot-matrix LCD display that is positioned for easy view and operation. The controller is compact in size, making it ideal for limited vehicle or desktop space. For example, if you want to change the operating band, tap the frequency on the display. The band keys will be shown to select the operating band. Touching the multi-function meter indicator for 1 second will quickly change the transmit meter functions. The 48.6×75.9 mm; 1.91×2.99 in large resistive touch screen display can be operated while wearing gloves.

Controller Mounted Speaker and Jacks

The unique remote head design is perfect for providing loud, clear audio as well as jacks for an external speaker/headphones as well as a key and microphone.

HF/50/144/430/440MHz Multi-band, Multi-mode

The IC-7100 fully covers the HF, 50, 144, 430/440 MHz amateur bands in multiple modes, providing 100W on HF/50MHz bands, 50W on 144MHz band and 35W on 430/440MHz band.

Digital Features Controlled by the IF DSP

A high-performance 32-bit floating point IF DSP delivers rich digital signal processing features, including digital IF filter, digital twin PBT, noise reduction, CW auto tune, etc. Those digital features work on all bands from HF to V/UHF bands.



DSP Controlled AGC Function Loop

The digital signal processing is incorporated into the AGC function loop. The results of signal processing provide feedback to the AGC function. The AGC function works on the intended signal and produces a constant audio output. The AGC time constants are flexibly adjustable from slow, middle, fast (or AGC off) for each operating mode.

Optional RS-BA1 IP Remote Control Software

The optional RS-BA1 software allows you to operate the IC-7100 from a remote PC over the Internet or local home network.

Built-in RTTY Functions

The built-in RTTY decoder allows you to instantly read an RTTY message on the display. No external TNC or PC required for reading. The eight RTTY memories can memorize and transmit often used RTTY sentences. The RTTY memory is 70 character per memory channel.

D-STAR DV Mode (Digital Voice + Data)

The IC-7100 provides D-STAR DV mode digital voice and low speed data communication.

- DR (D-STAR Repeater) Mode Operation - The DR mode operation makes the D-STAR operation simple and straight forward, even if you are new to D-STAR operation.
- Near Repeater Function- With an external, 3rd party GPS*, search the internal database based on your location. * External GPS receiver or manual data input required.



Other Features

- CW full break-in,
- CW receive reverse, CW auto tuning
- Optional multi-function microphone, HM-151
- Band scope and SWR graphic display
- RF speech compressor controlled by the DSP

- Voice memory function
- Multi-function Meter
- 495 regular, 4 call, 6 scan edge and 900 DR mode repeater channels
- 4 channels TX voice memories
- ± 0.5 ppm frequency stability
- Auto reply function
- Digital call sign squelch and digital code squelch

2.3 FLEX-6500 AMATEUR TRANSCEIVER

The FLEX-6500™ is for the advanced operator who desires extended performance across four slice receivers. Offering four panadapter and waterfall displays, the FLEX-6500 lets you see the action on up to four bands at once. Contest grade preselectors, integrated antenna tuner and optional GPSDO makes the FLEX-6500 the perfect radio for the serious DXer or contesting.

Feature Highlights

- Maximum Slice Receivers: Four (4)
- Maximum Panadapter Bandwidth: 14 MHz
- Antenna Connectors: SO-239x2; BNCx1; XVTR-BNCx1
- Wideband Frequency Coverage: 30 kHz - 72 MHz
- Transmit Frequency Coverage: 160-6m amateur bands, 100W nominal output
- Transverter IF Frequency Coverage*: 100 kHz - 72 MHz
- Digital Audio Exchange (DAX) Channels: Four (4)
- DAX IQ Channels/Bandwidth per Channel (DAXIQ): Four (4) @ 24 kHz - 192 kHz
- Preselectors: 160 - 2m (except 60m)
- Microphone Connectors: Unbalanced 8-pin Foster, Balanced XLR/TRS
- Antenna Tuner Unit (ATU): Integrated
- Full Continuous Coverage Transmit: MARS/CAP Capable



2.4 PALSTAR HF-AUTO ANTENNA TUNER

The Palstar HF-AUTO 1800 watt automatic antenna tuner covers 160 to 6 Meters with a power rating of up to 1800 watts PEP. Hams have enjoyed the benefits of low power auto-tuners for years, but now Palstar takes it to the next level and offers auto-tuning with a power rating of 2 Watts to 1800 watts. Like all Palstar products the HF-AUTO was designed by Hams for Hams carrying on the Palstar tradition for high-quality products designed and made in the USA.



Auto-tuners have been around for years, but most of them use clacking relays and lumped components so that the match is always just a little bit off. Palstar reinvented the auto-tuner with continuously variable components for a perfect match every time, and capped it off with a power rating of 2 Watts to 1800 watts.

2.5 REMOTERIG RRC-1258MKII-S



The Remoterig RRC-1258MkII-S is developed specially for remote control of Amateur radio stations via the Internet, in a user friendly and cost-effective way.

The Remoterig units are used in pairs, one is connected to the radio and the other is connected to the control equipment.

The system is unique in the way that no PC is needed, both voice and data communication is handled by the two units. RRC-1258MkII-S can be configured to work together with most Amateur radio stations available on the market from ICOM, Kenwood, Yaesu and Elecraft

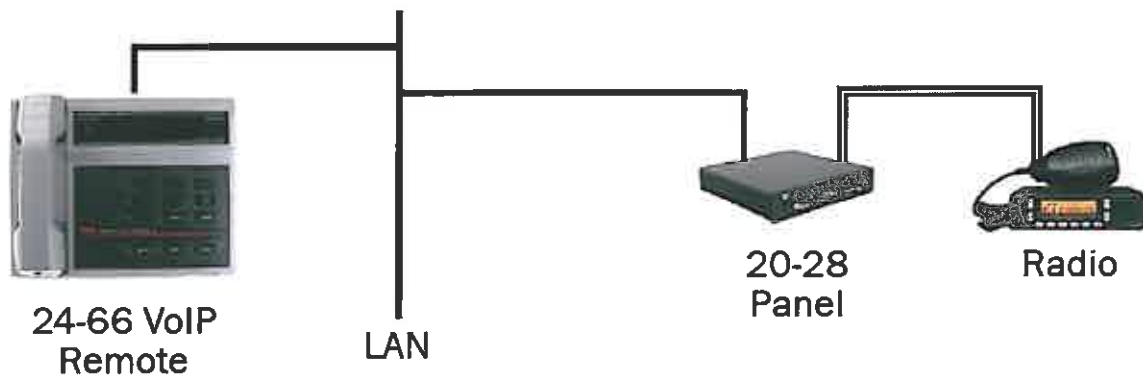
2.6 IDA 24-66

The basic function of the voice over IP (VoIP) radio control system is to allow a private mobile radio base station to be controlled from a remote location. The system consists of a base station radio, a panel and a remote. The panel connects to the radio and provides direct control of the radio based upon control signals from the remote. The panel also has access to the radio's receive and transmit audio which is passed to and from the remote. The panel and the remote are connected by means of an IP network.



This system will allow a user of the remote to change the current radio channel and select other radio functions in much the same way as can be done directly at the radio. The user of the remote can also carry on voice conversations with mobile radio users through the base station radio. The basic VoIP radio control system is depicted in(Figure 1 Basic VoIP Radio Control System).

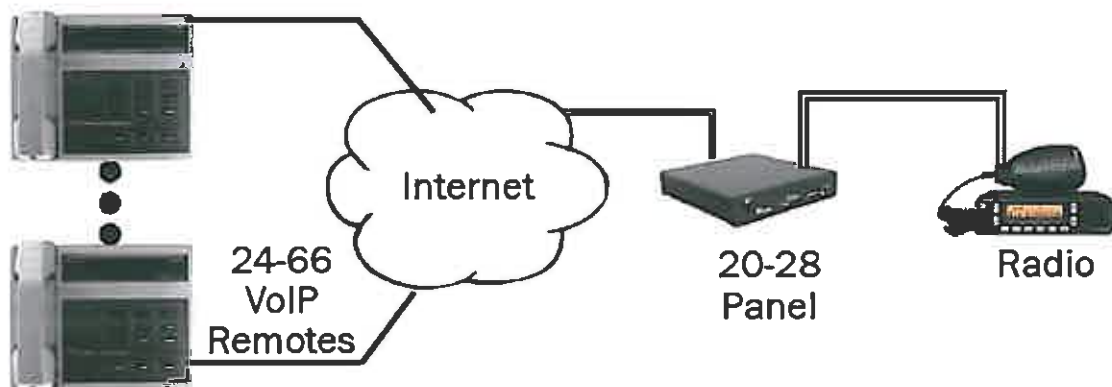
Figure 1 Basic VoIP Radio Control System



The remote and the panel are connected via an Ethernet LAN. If desired, the VoIP remote can also be connected to a computer which allows the computer access to the LAN without the need for a hub, thus eliminating the need for separate cabling.

An extended VoIP radio control system is depicted in (Figure 2). Here, multiple remotes connect to the panel across an internet. The internet might be composed of one or more Ethernet LANs, WANs or the Internet

Figure 2 Extended VoIP Radio Control System



The 24-66 VoIP Remote Controller offers remote controlling of a base station radio using Ethernet / IP technology. This significantly saves cost & inconvenience of conventional fixed / wired lines to connectivity with the base radio / repeater system. Model 24-66 VoIP can also be connected to a computer, which allows the computer access to the LAN without the need for a hub and practically allows the base radio anywhere in the network. The internet might be composed of one or more Ethernet LANs, WANs, or the Cloud infrastructure.

Options

- One touch transmit
- Optional wall mount
- Headset and Footswitch
- Field programmable

- Intercom
- Mute
- Clock
- VU meter
- 110 volt operation
- US or European power supply

2.7 ENCORE PRO 510

The Plantronics EncorePro 500 Series is an all-new generation of headsets for customer service centers and offices, designed for the future, and built on experience. Three innovative models deliver greater comfort for all-day wearing, superior noise-canceling for clearer calls, and increased reliability so conversations can continue without worry. And they'll help you meet the OSHA / Noise at Work regulations.



2.8 DB SPECTRA

The dbSpectra Control Station Combiner reduces the number of antennas needed. This combiner functions as both a combiner and Multicoupler for either trunked or conventional mobile radio systems. Connect eight mobile radios with our 8-port model and reduce antenna requirements from eight to two. Your overall system port-to-port isolation can be increased using this combiner for applications where individual radio antennas do not provide enough spatial RF isolation, thus removing all the guesswork.

Features

- Separate transmit and receive antennas.
- Low profile building block modules.
- Transmit and receive on each radio port.
- Enables combining of control stations.
- 50 Watts input per channel (continuous).
- Enhances system port-to-port isolation.
- Amplifier for receive signals.
- Analog or digital radio compatible.



2.9 COMMAND CENTER PACKAGE

The NetClock GPS Command Center Package provides a complete solution for time synchronization. It includes all the necessary interfaces found in most PSAP applications to provide legally traceable time throughout a center.



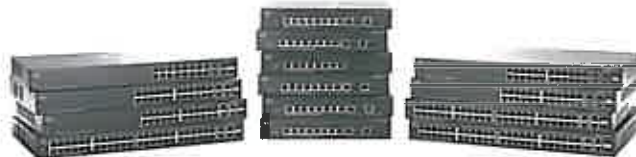
Included Equipment

- NetClock Model 9483 with OCXO Oscillator
- NetClock 9400 Gigabit Ethernet Option Card
- TimeView® Display Clock Model TV400W with Power Supply
- GPS Outdoor Antenna Model 8230
- GPS Antenna Surge Protector Model 8226
- Outdoor GPS Antenna Cable, 100 ft.
- RS-485 Station Cable, 100 ft.
- (18) 4" 6 Digit IP PoE Digital Display Clock
- 24/7 Premium Support Package (1 yr – renewable/ per unit)
 - 24/7 Emergency technical support for down mission critical systems
 - Express 24 hour loaner service (loaners sent out within 24 hours of a call)
 - Free loaners (normally a \$250 Dollar/mo. Min charge)
 - Priority repair service, first class rank for repair service (standard 10-14 days)
 - Free domestic ground shipping of repairs (normally a one way charge)

2.10 CISCO SG-300 SWITCH

The Cisco 300 Series, part of the Cisco Small Business line of network solutions, is a portfolio of affordable managed switches that provides a reliable foundation for your business network. These switches deliver the features you need to improve the availability of your critical business applications, protect your sensitive information, and optimize your network bandwidth to deliver information and applications more effectively. Easy to set up and use, the Cisco 300 Series provides the ideal combination of affordability and capabilities for small businesses, and helps you create a more efficient, better-connected workforce.

The Cisco 300 Series is broad portfolio of fixed-configuration managed Ethernet switches. Models are available with 8 to 48 ports of Fast Ethernet and 10 to 52 ports of Gigabit Ethernet



connectivity, providing optimal flexibility to create exactly the right network foundation for your business. However, unlike other small business switching solutions that provide managed network capabilities only in the costliest models, all Cisco 300 Series Switches support the advanced security

management capabilities and network features you need to support business-class data, voice, security, and wireless technologies. At the same time, these switches are simple to deploy and configure, allowing you to take advantage of the managed network services your business needs.

Features and Benefits

Cisco 300 Series Switches provide security, performance, traffic management, and other capabilities – optimized and customized, and at the right price for small businesses. The Cisco 300 Series provides:

High performance and Reliability: Cisco 300 Series Switches have been rigorously tested to deliver the high availability and performance you expect from a Cisco switch. The solutions speed up file transfer times and improve slow, sluggish networks, while keeping your vital business applications available and preventing costly downtime. As a managed switching solution, the Cisco 300 Series also gives you the flexibility to manage and prioritize high-bandwidth traffic such as voice. That means you can empower your employees with state-of-the-art communication and productivity solutions, without draining the performance of your other business applications.

Fast, Easy Setup and Configuration: Cisco 300 Series Switches are designed to be easy to use and manage by small businesses and the partners who serve them. The included device manager software provides an intuitive, web-based interface to simplify setup, security, and quality of service (QoS) traffic prioritization, allowing even users without IT expertise to configure the switch in minutes. Cisco also provides a Cisco FindIT Network Discovery Utility. This utility that works through a simple toolbar on the user's web browser to discover Cisco devices in the network and display basic information, such as serial numbers and IP addresses, to aid in the configuration and deployment of Cisco Small Business products. For more information, and to download the utility, please visit <http://www.cisco.com/go/findit>. These switches use Cisco Discovery Protocol as well as Link Layer Discovery Protocol (LLDP-MED) to automatically detect all the devices connected to your network, and then automatically configure themselves for the appropriate connectivity and instructs the devices to use appropriate voice VLAN or QoS parameters. For more advanced capabilities and hands-on control, the switches support Smartport roles which configure the ports with specific levels of Security, QoS, and availability according to the type of connected device, based on Cisco best practices and pretested configurations. The Auto Smartports feature applies the intelligence delivered through the Smartport roles and applies it automatically to the port based on the devices discovered over CDP or LLDP-MED. This facilitates zero touch deployments. Although the Cisco 300 Series is designed to be deployed without using a command-line interface (CLI), Cisco Textview is available for those who prefer to use text-based configuration. Together, these features reduce the time your staff must devote to network deployment, management, and troubleshooting.

Strong security: The Cisco 300 Series Switches provide a high level of security and give you fine-grained control to safeguard your network from unauthorized users.

Power over Ethernet: Cisco 300 Series Switches are available with up to 48 PoE ports of Fast Ethernet or Gigabit Ethernet connectivity. This capability simplifies advanced technology deployments such as IP telephony, wireless, and IP surveillance by allowing you to connect and power network endpoints over a single Ethernet cable. With no need to install separate power supplies for IP phones or wireless access points, you can take advantage of advanced communications technologies more quickly, and at a lower cost. Some models support both IEEE 802.3af PoE and IEEE 802.3at PoE+ while others support IEEE 802.3af PoE only.

IP Telephony Support: Cisco 300 Series Switches include embedded QoS intelligence to prioritize delay-sensitive services such as voice and video, simplify unified communications deployments, and help ensure consistent network performance for all services. For example, automated voice VLAN capabilities let you plug any IP phone (including third-party phones) into your IP telephony network and receive an immediate dial tone. The switch automatically configures the device with the right VLAN and QoS parameters to prioritize voice traffic.

Network wide Automatic Voice Deployment: Using a combination of CDP, LLDP-MED, Auto Smartports, and VSDP (Voice Services Discovery Protocol – a unique patent-pending Cisco protocol), customers can deploy an end-to-end voice network dynamically. The switches in the network automatically converge around a single voice VLAN and QoS parameters and then propagate them out to the phones on the ports where they are discovered. For example, automated voice VLAN capabilities let you plug any IP phone (including third-party phones) into your IP telephony network and receive an immediate dial tone. The switch automatically configures the device with the right VLAN and QoS parameters to prioritize voice traffic.

Advanced network management capabilities: As managed switches, the Cisco 300 Series lets you use a variety of advanced features to control traffic over your network.

3. PROJECT SCHEDULE

ID	ID	Resource	July 31, '16			Aug 14, '16			Aug 28, '16		
			S	T	M	F	T	S	W	S	T
1	1	LFUCG									
2	2	AMK/LFUCG									
3	3										
4	4	AMK									
5	5	AMK/LFUCG									
6	6	AMK									
7	7	AMK/LFUCG									
8	8	LFUCG									
9	9										
10	10	AMK									
11	11	Vendor									
12	12										
13	13	AMK									
14	14										
15	15	AMK/LFUCG									
16	16	LFUCG									
17	17	AMK									
18	18	AMK/LFUCG									

4. WARRANTY INFORMATION

4.1 WARRANTY

All equipment listed in this RFP shall be free from defects in material and workmanship, and to operate in accordance with the specifications for a period of not less than one year from date of final acceptance. Warranties are provided by the respective manufacturers herein and no other warranties are expressed or implied.

Following system acceptance, AMK is offering LFUCG a Warranty Program on the proposed system. The warranty program will begin after the final system acceptance date and run for 12 consecutive months on the infrastructure.

Warranty includes all necessary warranty parts, software, troubleshooting (during normal business hours) and replacement of parts and shipping to the customer and other items normally required and/or consumed during the one year warranty period. Warranty does not include cost for tower climbing services.

Warranty allows unlimited access to AMK Service's hot-line support during normal business hours. AMK Services will provide telephone and on-site support during normal business hours as required for both hardware and software related failures and defects as well as technical support beyond such failures to include system operation and configuration assistance.

4.2 EXCEPTIONS

4.2.1 Tower Maintenance and Climbs

This warranty does not cover the cost of mobilization of tower crews and any associated climbs. Because of the reliability of the equipment, AMK Services recommends that in order to reduce costs, tower climbs be provided as time and material during and after the warranty period. Should the County wish to include tower climbs in this final proposal, AMK Services will work with LFUCG Officials to determine the amount needed per year and the associated cost

4.2.2 Non-Warranty Items

AMK Services shall not be responsible for delays or failures in performance under this Agreement that are due to causes beyond its reasonable control including, but not limited to, acts of God, war, acts of terrorism, fires, severe weather, floods, strikes, blackouts, embargoes or work performed on AMK Services' equipment by third parties not authorized by AMK Services to perform such work. In the event such delays or failures interrupt AMK Services service to Customer, AMK Services shall promptly notify LFUCG Officials of the circumstances and the anticipated delay.

4.2.3 Delays

The schedule provided in Section 3 has been calculated for 56 Business Days (M-F, 8-5). AMK Services will accept penalties for delays due to its own negligence. AMK Services cannot be held responsible for any delay beyond the normal control of AMK, such as Acts of God, 3rd party delays etc. AMK Services will work with the LFUCG PM and Consultant in order to expedite shipping of required equipment. AMK Services will update LFUCG with all shipping dates and scheduling.

4.2.4 Licensing

AMK Services has not included any fees associated with FCC applications or coordination. Customer assumes responsibility for coordination and any changes that may arise as a result of FCC instruction. AMK can provide coordination services to LFUCG for an additional fee.

4.2.5 Equipment

- The Hammond SR1501517 Equipment Rack specified in the RFP is a proprietary item and not available. AMK Services has included the Bud Industries SRP-8134 equipment cabinet as an alternative.
- Addendum #2 indicates an antenna (Telewave 135F2) for the Civil Air Patrol radio at 90'. AMK Services was unable to determine where the antenna and installation was to be included on the provided pricing matrix. We have added 2 additional lines at the end of the Matrix in order to provide pricing for the equipment and installation.

5. PRICING

Line #	Item	Qty.	Price Per Unit	Subtotal
3.2.2.A	Radio Installation, LFUCG 800 MHz Control Stations, (Labor)	3	\$302.50	\$907.50
3.2.2.A.1	Provide Remote Desksets	3	\$749.00	\$2,247.00
3.2.2.A.2	Provide IP-Gateway	3	\$1,412.60	\$4,237.80
3.2.2.A.2	Install and interface Remote Desksets & IP Gateways (Labor)	3	\$605.00	\$1,815.00
3.2.2.B.1	Amplified External Speaker with Headphone Jack	3	\$36.35	\$109.05
3.2.2.B.2	Headphone	3	\$80.85	\$242.55
3.2.3	Remove and re-install an existing Harris CS7000	3	\$201.50	\$604.50
3.2.3.C	Install Desktop & IP Gateway	1	\$605.00	\$605.00
3.2.3.C	Provide Remote Deskset w/Amplified Speaker	1	\$2,197.90	\$2,197.90
3.2.3.C.3	Provide Headphones	1	\$80.85	\$80.85
3.2.4.A	Provide Weather Alert Radio	3	\$54.00	\$162.00
3.2.4.A	Install Weather Alert Radios	3	\$201.50	\$604.50
3.2.4.A.2	Provide VHF Weather Radio Antenna System, coax cable, mounting Hardware, surge protection	1	\$906.70	\$906.70
3.2.4.A.4	Distribution Amplifier	1	\$144.50	\$144.50
3.2.4.A.4	Install Distribution Amplifier and Weather Radio Antenna System	1	\$2,117.50	\$2,117.50
3.2.5.A	Provide Entry Port	1	\$731.20	\$731.20
3.2.5.A	Install Entry port and Associated Hardware	1	\$3,967.50	\$3,967.50
3.2.5.A.2	Provide Internal & External Ground Buss and grounding hardware	3	\$405.50	\$1,216.50
3.2.5.A.2	Installation of Internal and External Ground Buss & Ground System	1	\$7,935.00	\$7,935.00
3.2.6.A	Installation of 5720 Kenwood radio in MDF Room	1	\$302.50	\$302.50
3.2.6.A.1	Provide IP Gateway & Desktop Remote	1	\$2,197.90	\$2,197.90
3.2.6.A.2	Install IP Gateway and Desktop	1	\$605.00	\$605.00
3.2.6.A.2	Provide Headphone	1	\$80.85	\$80.85
3.2.6.B	Install EF Johnson RS5300 In PSOC Shelter	1	\$302.50	\$302.50
3.2.6.B	Provide IP Gateway & Desktop Remote	1	\$2,197.90	\$2,197.90
3.2.6.B	Install IP Gateway & Desktop Remote	1	\$605.00	\$605.00
3.2.6.B.1	Provide Headphones	1	\$80.85	\$80.85
3.2.7.A	Provide Dual Band Amateur Radio	2	\$1,399.00	\$2,798.00
3.2.7.A.2	Provide equipment to extend Dual Band Amateur Radio over Fiber-IP Ethernet network	2	\$1,296.00	\$2,592.00
3.2.7.A.3	Install and configure radio to IP Interface	2	\$302.50	\$605.00
3.2.7.A.3	Install Dual Band Amateur Radio chassis in Shelter & Control Head in ESF-2	2	\$605.00	\$1,210.00
3.2.8.A	Provide Dual Band Amateur Antenna, transmission lines, mounts, and grounding hardware.	2	\$802.00	\$1,604.00

3.2.8.A	Install Dual Band Antenna System on PSOC Tower	2	\$5,201.25	\$10,402.50
3.2.9A	Provide FLEX 6500 with Maestro Control Unit	1	\$8,549.65	\$8,549.65
3.2.9A.1	Install FLEX Chassis in shelter and Maestro Control Unity in ESF-2	1	\$605.00	\$605.00
3.2.9.B	Provide Handset for each Amateur Radio	3	\$145.50	\$436.50
3.2.9.B.3	Provide Foot Pedal for PTT	1	\$113.00	\$113.00
3.2.10.A	Provide HF Inverted V Antenna	1	\$466.00	\$466.00
3.2.10.B	Installation of HF Antenna System	1	\$9,935.00	\$9,935.00
3.2.10.B	Provide Antenna mounting, cable hangers, supports & poles	1	\$924.00	\$924.00
3.2.11.A	Provide PALSTAR Antenna Tuner and all necessary hardware	1	\$2,234.00	\$2,234.00
3.2.11.A	Install PALSTAR Antenna Tuner	1	\$302.50	\$302.50
3.2.12.A	Provide Fiber to Ethernet System	1	\$2,599.00	\$2,599.00
3.2.12.A	Install Fiber to Ethernet/Fiber System	1	\$1,815.00	\$1,815.00
3.2.13.A	Provide Command Center Package -	1	\$28,987.00	\$28,987.00
3.2.13.A	Installation of Command Center Package	1	\$5,445.00	\$5,445.00
3.3.1	Perform Intermodulation Study	1	\$1,750.00	\$1,750.00
3.3.3.B	Provide all RF Jumpers, Fiber Jumpers and Cat-6 jumpers	1	\$2,739.00	\$2,739.00
3.3.3.B	Install RF and Fiber Jumpers to complete connectivity between Shelter Fiber and MDF Room	1	\$907.50	\$907.50
3.3.4	Reprogramming communications equipment (Cost Per Unit)	1	\$35.00	\$35.00
3.3.4.C	Provide Programming Cables and Software for Amateur Equipment	3	\$68.50	\$205.50
3.3.5.C	Install and Ground Equipment Racks Shelter & MDF Room	1	\$2,722.50	\$2,722.50
3.3.5.A	Install (2) 20- Amp Electrical Runs from Shelter AC Panel to Rack.	1	\$1,000.00	\$1,000.00
3.4.1.B	Installation of (9) Mutual Aid bases in MDF Room Rack	1	\$2,722.50	\$2,722.50
3.4.2	Installation of Mutual Aid Antenna System on Penthouse	1	\$39,675.00	\$39,675.00
3.4.3	Provide VHF Antenna & All Mounting	2	\$924.00	\$1,848.00
3.4.3	Provide UHF Antenna & All Mounting	2	\$1,096.00	\$2,192.00
3.4.3	Provide 800 MHZ Antenna & All Mounting	2	\$1,435.00	\$2,870.00
3.4.4	Provide 7/8" RFS Transmission line	1	\$5,758.00	\$5,758.00
3.4.4	Provide 1/2" LDF4-50 Transmission Line	1	\$1,223.00	\$1,223.00
3.4.4.A	Provide Transmission Line Fasteners, waterproofing, RF Surge Protects, and Connectors	1	\$4,081.00	\$4,081.00
3.5.1	Installation of Combiner Systems	3	\$605.00	\$1,815.00
3.5.1	Provide VHF Combiner	1	\$30,030.00	\$30,030.00
3.5.1	Provide UHF Combiner	1	\$17,745.00	\$17,745.00
3.5.1	Provide 800 MHz Combiner	1	\$16,607.50	\$16,607.50

3.5.1	Provide dB Spectra 50 Ohms for unused antenna ports.	1	\$573.00	\$573.00
3.5.3.A.2	Provide Hammond SR1501517 Equipment Rack	2	\$1,463.15	\$2,926.30
3.5.3.A.3	Provide CW0161V1A317 w/TPCORD-7 PDU for Equipment Racks	2	\$1,172.00	\$2,344.00
3.5.3.A.5	Provide RF Antenna Jumpers and Hardware	1	\$1,785.00	\$1,785.00
3.5.3.A.5	Install RF Antenna Jumper from Radios to Combiners	1	\$907.50	\$907.50
7.1	Administrative Training	1	\$1,750.00	\$1,750.00
7.2	End User Training	1	\$1,750.00	\$1,750.00
7.4	Training Materials	1	\$300.00	\$300.00
11	Final Testing and Acceptance (Labor)	1	\$3,500.00	\$3,500.00
	Civil Air Patrol Antenna and Cable	1	\$1,745.00	\$1,745.00
	Install Civil Air Patrol Antenna	1	\$6,935.00	\$6,935.00

4. BID SCHEDULE – SCHEDULE OF VALUES

The Bidder agrees to perform all the Work described in the Specifications and shown on the Plans for the following proposed lump sum and/or unit prices, if applicable, which shall include the furnishing of all labor, materials, supplies, equipment and/or vehicle usage, services, all items of cost, overhead, taxes (federal, state, local), and profit for the Contractor and any Subcontractor involved, within the time set forth herein. If unit prices are applicable, Bidder must make the extensions and additions showing the total amount of bid.

Form of proposal must include unit bid prices written in words, unit price written in numbers and total amount bid (unit price x quantity) per line item OR bid may be considered non-responsive. In case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.

If a discrepancy between the unit price and the item total exists, the unit price prevails except:

If the unit price is illegible, omitted, or the same as the item total, item total prevails and the unit price is the quotient of the item total and the quantity.

If the unit price and the item total are illegible or are omitted, the bid may be determined nonresponsive. If a lump sum total price is illegible or is omitted, the bid may be determined nonresponsive.

For a lump sum based bid, the item total is the bid amount the Division uses for bid comparison.

For a unit price based bid, the sum of the item totals is the bid amount the Division uses for bid comparison.

The LFUCG’s decision on the bid amount is final.

Item No.	Description w/Unit Bid Price Written in Words	Unit	Total Bid Amount
.	SEE ATTACHMENT D FOR PRICING SHEET	1	\$279,270.50

TOTAL OF ALL BID PRICES FOR Radio Communication System for PSOC Project (Attachment D – Line 3.2.2.A through 11) in words and figures. In case of discrepancy, the amount shown in words will govern.

Two Hundred Seventy Nine Thousand Two Hundred Seventy Dollars and Fifty Cents

(\$ 279,270.50)

6. REQUIRED DOCUMENTATION

PART III

Invitation to Bid No. 60-2016

Radio Communication System for PSOC

1. FORM OF PROPOSAL

Place: Lexington, Kentucky

Date: 5-20-2016

The following Form of Proposal shall be followed exactly in submitting a proposal for this Work.

This Proposal Submitted by AMK Services, LLC

9291 Crouse Willison Road, Johnstown, OH 43031
(Name and Address of Bidding Contractor)

(Hereinafter called "Bidder"), organized and existing under the laws of the State of Ohio, doing business as AMK Services, LLC
"a corporation," "a partnership", or an "individual" as applicable.

To: Lexington-Fayette Urban County Government
(Hereinafter called "OWNER")
Office of the Director of Purchasing
200 East Main Street, 3rd Floor
Lexington, KY 40507

Gentlemen:

The Bidder, in compliance with your Invitation for Bids for **Radio Communication System for PSOC** having examined the Plans and Specifications with related documents, having examined the site for proposed Work, and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the lump sum and/or unit prices stated hereinafter. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this proposal is a part. The OWNER will issue work orders for work to be performed under this Contract.

BIDDER hereby agrees to commence work under this contract on or before a date to be specified in the Notice to Proceed and to fully complete the project within the time provided in the

Purchase Order or Work Orders issued by the OWNER. BIDDER further agrees to pay liquidated damages, the sum of \$200.00 for each consecutive calendar day thereafter.

The Bidder hereby acknowledges receipt of the following addenda:

Addendum No. 1 Date 4/21/2016

Addendum No. 2 Date 5/13/2016

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Insert above the number and the date of any Addendum issued and received. If none has been issued and received, the word "NONE" should be inserted.



ADDENDUM #1

Bid Number: #60-2016
Subject: Radio Communication System for PSOC

Date: April 21, 2016
Address inquiries to:
Sondra Stone
(859) 258-3320

TO ALL PROSPECTIVE SUBMITTERS:
Please be advised of the following clarifications to the above referenced Bid:

- 1. **Q:** 3.2.2. This paragraph requests that the respondent provide remote desk tops with amplified speakers and IP gate way is there a specific model the user has in mind - can they be more specific on their requirements. Will a simple tone controlled single channel remote be sufficient?
3.2.3. Same question
3.2.6.-a-b. Same question
- A:** Add the following 6.4 DESKTOP REMOTES to bid specs:

6.4 Desktop Remotes

6.4.1 Devices that require desktop remote control operation are as follows:

Radio System	Quantity
VHF desktop control stations	2
Madison County 800 MHz (CSEPP)	1
LFUCG CS7000 Control Stations	3

- 6.4.2 Desktop remotes (equivalent to GAI-TRONICS IPE2500A) shall be IP-capable directly or with an IP gateway, shall have the ability to control 15 frequencies or functions, and shall have a liquid crystal display (LCD).
- A.** Each desktop remote shall include an amplified external speaker and a headphone jack for local operation.



B. Operator selection of headphone operation simultaneously or independently of remote speaker operation shall be available.

- 2. Q&A deadline has been extended to May 11, 2016, 2:00 pm.
- 3. Bid opening has been extended to May 20, 2016, 2:00 pm.
- 4. Request for additional walk-thru should be coordinated with Len Figler, 321.213.2264.
- 5. State prevailing wage rates are applicable to this job because the entire PSOC renovation is considered one project over \$250K. See attached wage rates.
- 6. The estimate for this job is \$150K-\$175K.
- 7. Pre-bid sign-in sheet is attached.



Todd Slatin, Director
Division of Central Purchasing

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

COMPANY NAME: AMK Services, LLC

ADDRESS: 9291 Crouse Willison Road, Johnstown, OH 43031

SIGNATURE OF BIDDER: April Shahan





ADDENDUM #2

Bid Number: #60-2016

Date: May 13, 2016

Subject: Radio Communication System for PSOC

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

TO ALL PROSPECTIVE SUBMITTERS:

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

1. Reference Part III, Page P-2 of RFP: "BIDDER hereby agrees to commence work under this contract on or before a date to be specified in the Notice to Proceed and to fully complete the project within the time provided in the Purchase Order or Work Orders issued by the OWNER. BIDDER further agrees to pay liquidated damages, the sum of **\$200.00** for each consecutive calendar day thereafter."

Question 1: Please elaborate on the \$200 per day fine with respect to the statement above.

- a. Will the contractor be held responsible for delays outside of its ability to control, such as; shipping delays and weather delays? **A:** Contractor would be allowed extra time for weather delays. Any other delays would be at the discretion of the LFUCG Project Manager.
- b. If the answer above is No, then what are the circumstances in which the contractor will be held accountable and which entity will track this? **A:** The Consultant would be responsible for tracking project days.

Question 2: What is the new completion timeline for the city. Since the RFP due date had been delayed, any ability to order parts and schedule work had been delayed as well. Could you provide a new desired completion date for our scheduling? **A:** You will have 60 calendar days from the Notice to Proceed.



2. Is there a blueprint of the building and tower compound available? **A:** There is drawing of the building and tower compound. The drawing has been submitted by another vendor. Vendor permission must be acquired prior to distributing it. If permission is received, the drawing will be released.
3. Are there Cat6 jacks available at all 18 desired clock display locations? **A:** CAT6 cables will be provided to each of the 18 locations by the general contractor.
4. There are some inconsistencies with the antenna matrix and rack ups that were included in the RFP. We request clarification within the drawings. **A:** Not all information found within the text of the RFP is captured within the antenna matrix. The only known discrepancy with the rack elevation drawings is that the elevation drawings show (3) ICOM IC-7100s. One of the IC-7100s should be shown as a Johnson 5300.
5. There are 9 Mutual Aid Radios but only 7 provided shelves. Is this correct? **A:** Two Mutual Aid Radios and support equipment can occupy a common shelf. Therefore, 7 shelves will be capable of supporting the 9 Mutual Aid Radios.
6. Can the provided 1000' of LMR400 (from the 9 Mutual Aid radios) for the HF antenna and GPS antenna be utilized? **A:** The provided LMR400 non-plenum cable is to be used to support the Mutual Aid Radios and their antenna system only. It is not intended to be used for any other purpose.
7. Are any connectors for the LMR400 being provided? **A:** LMR400 cable connectors were in the list of LFUCG provided items.
8. The Spec'd cable part number for 7/8" and 1/2" cable is the same (RFS 810921-7F1). Please provide the preferred cable size. What cable size is preferred for the on Penthouse lines? **A:** The cable manufactures and manufacture cable numbers are provided as a reference. The exact cable is not required, it is vendor's responsibility to provide an equal and similar cable. To clarify cable types and current part numbers are listed below:
 - a. 1/2" Non-Plenum Cable – 4DF4-50A
 - b. 1/2" Plenum Cable – HL4RPV-50A
 - c. 7/8" Non-Plenum Cable – LCF78-50
 - d. 7/8" Plenum Cable – HCA78-50 JPL
9. The Rack drawing shows 3 ICOM radios in tower shelter, 1 of those should be the EF Johnson Civil Air Patrol based on other parts of RFP, is that correct? **A:** The tower shelter rack drawing shows 3-Icom Radios. One of the ICOM 7100s depicted in the rack elevation drawing should have been labeled as a Johnson RS-5300 –Civil Air Patrol radio.



10. Do you want to purchase more power supplies for the rack mounted control stations so that there is not such a great single point of failure? **A:** A single power supply is being supplied by LFUCG for the MDF located equipment rack. The vendor is encouraged to provide additional power supplies to support the electrical load and decrease the possibility of a single point of failure.
11. Are you requiring Plenum rated jumpers in MDF room? **A:** Plenum rated cables are not required in the MDF or IDF room. Plenum rated cables are required if they are routed under floors, above ceilings, or duct works that are used by HVAC and or air handling systems.
12. The 1000' of provided LMR-400 is not usually plenum rated. Where are we supposed use it? **A:** LFUCG provided LMR-400 is not plenum rated. This cable can be used by the vendor, if its use is restricted to the penthouse and the Mutual Aid Antenna systems, in areas not requiring plenum rated cable.
13. What size coax do you prefer between the combiners and multicoupler? **A:** Cable connecting the combiners and multicoupler should be low-loss double shielded.
14. Are you requiring Plenum OR Fire retardant coax? **A:** Cable used above the ceiling, under the floor or in duct work should be plenum rated.
15. Why is the spec calling for 3 external ground bars? We have only one on the penthouse. **A:** Reviewing the specification no reference to using 3-external ground bars was found. All grounding must meet Harris' Grounding Standards and or Motorola R-56 grounding specifications. The more stringent of the two grounding specifications will be require.
16. Are fiber cables to be single mode or multimode? **A:** As Stated in the RFP, 4-Strands/2-Pair of multimode fiber will be provided by LFUCG from the shelter to the MDF room and from the MDF room to the IDF room. Fiber jumper cables interfacing directly to the supplied fiber will need to be multi-mode jumpers. Should the vendor, for whatever reason, provide equipment converting multi-mode fiber to single mode fiber, then a combination of multi-mode and single mode fiber jumpers would be required.



17. See attached coax information.



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: AMK Services, LLC

ADDRESS: 9291 Crouse Willison Road, Johnstown, OH 43031

SIGNATURE OF BIDDER: April Graham



Location	Height	Band	Ant Model	Coax Size	Coax Type	Mounting	Destination
SE Tower Leg	90'	VHF	Telewave 135F2	1/2"	LDF4-50A	side arm	EF Johnson CAP Radio
N Tower Leg	80'	VHF/UHF	Diamond X200A	1/2"	LDF4-50A	side arm	ICOM 7100 Amateur Radio
N Tower Leg	110'	VHF/UHF	Diamond X200A	1/2"	LDF4-50A	side arm	ICOM 7100 Amateur Radio
SW Tower Leg	40'	HF	OCF Buckmaster Dipole	3/8"	LMR-400	non-conductive stand-off, 10'	Flex 6500 Amateur Radio
Penthouse Wall	n/a	800	COMMSCOPE DB810KE-XT	7/8"	RFS 810921-7F1	wall mount	800 Combiner
Penthouse Wall	n/a	800	COMMSCOPE DB810KE-XT	7/8"	RFS 810921-7F1	wall mount	800 Combiner
Penthouse Wall	n/a	VHF	Commander Tech 220-3AN	1/2"	RFS 15225830	wall mount	VHF Combiner
Penthouse Wall	n/a	VHF	Commander Tech 220-3AN	1/2"	RFS 15225830	wall mount	VHF Combiner
Penthouse Wall	n/a	UHF	Commander Tech 455-6N	7/8"	RFS 810921-7F1	wall mount	UHF Combiner
Penthouse Wall	n/a	UHF	Commander Tech 455-6N	7/8"	RFS 810921-7F1	wall mount	UHF Combiner
Penthouse Wall	n/a	VHF	PCTEL MBS150	1/2"	RFS 15225830	wall mount	Weather Radio
Penthouse Wall	n/a	GPS	Spectracom 8230	3/8"	LMR-400	wall mount	NetClock Time Server

2. **LEGAL STATUS OF BIDDER**

Bidder AMK Services, LLC

Date 5-20-2016

* 1. A corporation duly organized and doing business under the laws of the State of Ohio, for whom April Graham, bearing the official title of CEO, whose signature is affixed to this Bid/Proposal, is duly authorized to execute contracts.

~~* 2. A Partnership, all of the members of which, with addresses are: (Designate general partners as such)~~

~~* 3. An individual, whose signature is affixed to this Bid/Proposal (please print name)~~

*(The Bidder shall fill out the appropriate form and strike out the other two.)

3. **BIDDERS AFFIDAVIT**

Comes the Affiant, April Graham, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is April Graham and he/she is the individual submitting the bid or is the authorized representative of AMK Services, LLC, the entity submitting the bid (hereinafter referred to as "Bidder").
 2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid 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. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
 4. Bidder 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. Bidder 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 Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
 6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as the "Ethics Act."
 7. Bidder 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.

April Graham April Graham
(Affiant)

STATE OF Ohio
COUNTY OF Licking

The foregoing instrument was subscribed, sworn to and acknowledged before me by
April Graham on this the 2 day of May, 2016

My Commission expires: _____
Megan Ulmer
Notary Public, State of Ohio
My Commission Expires 02-21-2017
NOTARY PUBLIC, STATE AT LARGE

4. BID SCHEDULE – SCHEDULE OF VALUES

The Bidder agrees to perform all the Work described in the Specifications and shown on the Plans for the following proposed lump sum and/or unit prices, if applicable, which shall include the furnishing of all labor, materials, supplies, equipment and/or vehicle usage, services, all items of cost, overhead, taxes (federal, state, local), and profit for the Contractor and any Subcontractor involved, within the time set forth herein. If unit prices are applicable, Bidder must make the extensions and additions showing the total amount of bid.

Form of proposal must include unit bid prices written in words, unit price written in numbers and total amount bid (unit price x quantity) per line item OR bid may be considered non-responsive. In case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.

If a discrepancy between the unit price and the item total exists, the unit price prevails except:

If the unit price is illegible, omitted, or the same as the item total, item total prevails and the unit price is the quotient of the item total and the quantity.

If the unit price and the item total are illegible or are omitted, the bid may be determined nonresponsive. If a lump sum total price is illegible or is omitted, the bid may be determined nonresponsive.

For a lump sum based bid, the item total is the bid amount the Division uses for bid comparison.

For a unit price based bid, the sum of the item totals is the bid amount the Division uses for bid comparison.

The LFUCG's decision on the bid amount is final.

Item No.	Description w/Unit Bid Price Written in Words	Unit	Total Bid Amount
.	SEE ATTACHMENT D FOR PRICING SHEET	1	\$279,270.50

TOTAL OF ALL BID PRICES FOR Radio Communication System for PSOC Project (Attachment D – Line 3.2.2.A through 11) in words and figures. In case of discrepancy, the amount shown in words will govern.

Two Hundred Seventy Nine Thousand Two Hundred Seventy Dollars and Fifty Cents

(\$ 279,270.50)

Submitted by: AMK Services, LLC
Firm
9291 Crouse Willison Road
Address
Johnstown, OH 43031
City, State & Zip

***Bid must be signed:
(original signature)*** April Graham CEO
Signature of Authorized Company Representative – Title

April Graham
Representative/s Name (Typed or Printed)

740-966-3178 765-642-4875
Area Code – Phone – Extension *Fax #*

april@amk-services.com
E-Mail Address

OFFICIAL ADDRESS:
AMK Services, LLC
9291 Crouse Willison Road
Johnstown, OH 43031

_____ (Seal if Bid is by Corporation)

By signing this form you agree to ALL terms, conditions, and associated forms in this bid package

5. STATEMENT OF BIDDER'S QUALIFICATIONS

The following statement of the Bidder's qualifications is required to be filled in, executed, and submitted with the Proposal:

- 1. Name of Bidder: AMK Services, LLC
- 2. Permanent Place of Business: 9291 Crouse Willison Road, Johnstown, OH 43031
- 3. When Organized: 2005
- 4. Where Incorporated: Ohio
- 5. Construction Plant and Equipment Available for this Project:
N/A

(Attach Separate Sheet If Necessary)

6. Financial Condition:

If specifically requested by the OWNER, the apparent low Bidder is required to submit its latest three (3) years audited financial statements to the OWNER'S Division of Central Purchasing within seven (7) calendar days following the bid opening.

7. In the event the Contract is awarded to the undersigned, surety bonds will be furnished by:

Western Surety Company (Surety)

Signed:  (Representative of Surety)

8. The following is a list of similar projects performed by the Bidder: (Attach separate sheet if necessary).

<u>NAME</u>	<u>LOCATION</u>	<u>CONTRACT SUM</u>
Madison Co EMA CSEPP	560 S Keeneland Dr Richmond, KY 40475	\$ 49,175.00
Garrard County CSEPP	15 Public Square, Suite 3 Lancaster, KY 40444	\$ 167,403.00

9. The Bidder has now under contract and bonded the following projects:

<u>NAME</u>	<u>LOCATION</u>	<u>CONTRACT SUM</u>
City of Bartlett, TN	6400 Stage Rd. Bartlett, TN 38134	\$ 4,289,347.00 10% complete
City of Troy, MI	500 West Big Beaver Troy, MI 48084	\$ 38,240.00 10% complete

10. List Key Bidder Personnel who will work on this Project.

<u>NAME</u>	<u>POSITION DESCRIPTION</u>	<u>NO. OF YEARS WITH BIDDER</u>
Tracy Stamper	Project Manager	8 years
Doug Harvey	Senior Technician	6 years
Andrew Brown	Engineer	5 years

11. DBE Participation on current bonded projects under contract:

<u>SUBCONTRACTORS</u> <u>(LIST)</u>	<u>PROJECT</u> <u>(SPECIFIC TYPE)</u>	<u>DBE</u>	<u>% of WORK</u>
None			

(USE ADDITIONAL SHEETS IF NECESSARY)

12. We acknowledge that, if we are the apparent low Bidder, we may be required to submit to the OWNER within 7 calendar days following the Bid Opening, a sworn statement regarding all current work on hand and under contract, and a statement on the OWNER'S form of the experience of our officers, office management and field management personnel. Additionally, if requested by the OWNER, we will within 7 days following the request submit audited financial statements and loss history for insurance claims for the 3 most recent years (or a lesser period stipulated by the OWNER).

6. LIST OF PROPOSED SUBCONTRACTORS

The following list of proposed subcontractors is required by the OWNER to be executed, completed and submitted with the BIDDER'S FORM OF PROPOSAL. All subcontractors are subject to approval of the Lexington-Fayette Urban County Government. Failure to submit this list completely filled out may be cause for rejection of bid.

<u>BRANCH OF WORK - LIST EACH MAJOR ITEM</u> Such as: Grading, bituminous paving, concrete, seeding and protection, construction staking, etc.	<u>SUBCONTRACTOR</u>	<u>DBE</u> <u>Yes/No</u>	<u>% of Work</u>
1. <u>Tower Work</u>	Name: <u>Tower Systems South, Inc</u> <u>3075 North Forsyth Road</u> Address: <u>Winter Park, FL 32792</u>	<u>No</u>	<u>26%</u>
2. _____	Name: _____ Address: _____	_____	_____
3. _____	Name: _____ Address: _____	_____	_____
4. _____	Name: _____ Address: _____	_____	_____
5. _____	Name: _____ Address: _____	_____	_____
6. _____	Name: _____ Address: _____	_____	_____
7. _____	Name: _____ Address: _____	_____	_____

(Attach additional sheet(s) if necessary.)



LFUCG MWDBE PARTICIPATION FORM
Bid/RFP/Quote Reference # 60-2016

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.

AMK Services is subcontracting tower services only. No known DBE Tower Service Companies have been made available. At this point no other subcontractors are necessary to complete this project. AMK Services will fully participate in DBE requirements if additional subcontractors become necessary. Additionally AMK Services is a woman owned business and meets this specification as the contractor.

MWDBE Company, Name, Address, Phone, Email	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. NONE			
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.

AMK Services, LLC

Company

5/2/16

Date

April Graham *April Graham*

Company Representative

CEO/ 51% Majority Owner

Title



MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # 60-2016

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

AMK Services is subcontracting tower services only. No known DBE Tower Service Companies have been made available. At this point no other subcontractors are necessary to complete this project. AMK Services will fully participate in DBE requirements if additional subcontractors become necessary. Additionally AMK Services is a woman owned business and meets this specification as the contractor.

Company Name AMK Services, LLC	Contact Person April Graham
Address/Phone/Email 9291 Crouse Willison Road Johnstown, OH 43031 740-966-3178 april@amk-services.com	Bid Package / Bid Date Radio Communication System for PSOC #60-2016 May 20, 2016

MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services 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
NONE							

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

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

AMK Services, LLC
Company
5/2/16
Date

April Graham *April Graham*
Company Representative
CEO/51% Majority Owner
Title

LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # 60-2016

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 MWDBE 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 than 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 MWDBE 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 MWDBE 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.

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.

AMK Services is subcontracting tower services only. No known DBE Tower Service Companies have been made available. At this point no other subcontractors are necessary to complete this project. AMK Services will fully participate in DBE requirements if additional subcontractors become necessary. Additionally AMK Services is a woman owned business and meets this specification as the contractor.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

AMK Services, LLC _____

Company 5/2/10 _____

Date

April Graham April Graham _____

Company Representative

CEO/51% Majority Owner _____

Title

8. **AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION, NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing:

1. That I am the Bidder (if the Bidder is an individual), a partner of the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation);
2. That the attached bid has been arrived at by the Bidder independently, and has been submitted without collusion with, and without any agreement, understanding or planned common course of action, with any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid or bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished, with the bid or bids, and will not be communicated to any such person, prior to the official opening of the bid or bids;
4. That the Bidder is legally entitled to enter into the contracts with the Lexington-Fayette Urban County Government, and is not in violation of any prohibited conflict of interest;
5. (Applicable to corporation only) That as a foreign corporation, we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State _____ or, that as a domestic corporation, we are in good standing with the Secretary of State, Commonwealth of Kentucky X . Check the statement applicable.
6. This offer is for 60 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Lexington-Fayette Urban County Government of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this statement.
8. That I certify that Subcontractors have not and will not be awarded to any firm(s) that have been debarred from noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 As Amended, Executive Order 11246 As Amended or any other Federal Law.

9. **STATEMENT OF EXPERIENCE**

NAME OF INDIVIDUAL: Madison County EMA Howard Logue

POSITION/TITLE: EMA Director

STATEMENT OF EXPERIENCE: Madison County is an eight site ten-channel 700/800 MHz P25IP Linear Simulcast System with an additional 9th multisite, and 11 C3IP Dispatch Consoles, including an 8 site Alcatel Microwave system, supporting their simulcast system and a two site Exalt 4.9 microwave backhaul, that operates as a backup to their dispatch center. AMK Services installed the infrastructure, equipment, mobile radios, optimized the system and now maintains the Madison County as a subcontractor to Harris Corporation.

NAME OF INDIVIDUAL: Estill County Ronnie Riddell

POSITION/TITLE: CSEPP Planner

STATEMENT OF EXPERIENCE: AMK Services provided first responders in Estill County Kentucky with a 8-site Exalt public safety Microwave Backhaul. AMK Services provided Site Management, Installation and Engineering. This was project was in conjunction with CSEPP and Madison County and involved numerous agencies within the county

NAME OF INDIVIDUAL: Cumberland Co TN Keith Garrison

POSITION/TITLE: EMA Director

STATEMENT OF EXPERIENCE: Cumberland County, TN is a 6 site Harris P25 UHF Simulcast System that AMK Services was awarded in December 2014. AMK Services provided system engineering, design, installation services as well as microwave backhaul design and installation. AMK Services will also be installing 6 Symphony Dispatch Consoles at the dispatch center.

NAME OF INDIVIDUAL: City of Naperville, IL Police Dept Kalah Considine

POSITION/TITLE: Communications Manager

STATEMENT OF EXPERIENCE: AMK Services partnered with Harris Corporation to provide first responders in the city of Naperville, Illinois with a 6 site OpenSky public safety communications system and an Alcatel-Lucent Microwave Backhaul. AMK Services provided Site Management, Installation and Engineering. This was a two year project involving numerous agencies including a new dispatch centers, back up dispatch centers and an Emergency Operations Centers.

NAME OF INDIVIDUAL: City of Lancaster, OH Ed Campbell

POSITION/TITLE: Chief Information Officer

STATEMENT OF EXPERIENCE: AMK Services partnered with Codan Communications to provide first responders in the City of Lancaster Ohio with a 6 site UHF P25 public safety communications system. AMK Services provided Site Management, Installation and Engineering for both the County and Codan Communications.

NAME OF INDIVIDUAL: Aurora, IL Ted Beck

POSITION/TITLE: Chief Technology Officer

STATEMENT OF EXPERIENCE: AMK Services partnered with Harris Corporation to provide first responders in the city of Aurora, Illinois with a 6 site OpenSky public safety communications system and an Alcatel-Lucent Microwave Backhaul. AMK Services provided Site Management, Installation and Engineering. This was a two year project involving numerous agencies including a new dispatch centers, back up dispatch centers and an Emergency Operations Centers.

* Include all officers, office management's, Affirmative Action officials, and field management personnel. (Attach separate sheets if necessary.)

10. 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 subcontractor 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 contractor 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.

April Graham
Signature

AMK Services, LLC _____
Name of Business

The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, creed, national origin, sex or age, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.

The Kentucky equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any count, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) *The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) *The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) *The contract will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) *The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities – Information required

- (1) *For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) *Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor – Hiring of minority contractor or subcontractor

- (1) *If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) *If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 – 45.640.*
- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

It is recommended that all of the provisions quoted above to be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

11. **EQUAL EMPLOYMENT OPPORTUNITY AFFIRMATIVE ACTION POLICY**

It is the policy of AMK Services, LLC

to assure that all applicants for employment and all employees are treated on a fair and equitable basis without regard to their race, religion, sex, color, handicap, natural origin or age.

Such action shall include employment, promotion, demotion, recruitment or recruitment advertising, layoff or termination, rates of pay and other forms of compensation, and selection for training, whether apprenticeship and/or on-the-job-training.

Furthermore, this company agrees to make special recruitment efforts to hire the protected class whenever feasible. This company also agrees to adhere to all applicable federal, state, and local laws relating to Equal Employment Opportunity for all individuals.

12. WORKFORCE ANALYSIS FORM

Name of Organization: AMK Services, LLC Date: / /

Categories	Total	White		Black		Other		Total	
		M	F	M	F	M	F	M	F
Administrators	2	1	1	0	0	0	0	1	1
Professionals	3	3	0	0	0	0	0	3	0
Superintendents Project Superintendents	1	1	0	0	0	0	0	1	0
Supervisors Officers	2	1	1	0	0	0	0	1	1
Foremen	0	0	0	0	0	0	0	0	0
Technicians	7	7	0	0	0	0	0	7	0
Protective Service	0	0	0	0	0	0	0	0	0
Para-Professionals Sales	2	1	1	0	0	0	0	1	1
Office/Clerical	1	0	1	0	0	0	0	0	1
Skilled Craft	0	0	0	0	0	0	0	0	0
Service/Maintenance	0	0	0	0	0	0	0	0	0
Total:	18	14	4	0	0	0	0	14	4

Prepared By: April Graham

13. EVIDENCE OF INSURABILITY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONSTRUCTION PROJECT
(Use separate form for each Agency or Brokerage agreeing to provide coverage)

Names Insured: AMK Services, LLC Employee ID: _____
 Address: 9291 Crouse Willison Road, Johnstown, OH 43031 Phone: 740-966-3178
 Project to be insured: Radio Communication System for PSOC

In lieu of obtaining certificates of insurance at this time, the undersigned agrees to provide the above Named Insured with the minimum coverage listed below. These are outlined in the Insurance and Risk Management of Part V (Special Conditions), including all requirements, and conditions:

Section Items	Coverage	Minimum Limits and Policy Requirements	Limits Provided To Insured	Name of Insurer	A.M. Best's Code	Rating
SC-3, Section 2, Part 4.1 - see provisions	CGL	\$1,000,000 per occ. And \$2,000,000 aggregate	\$ \$1,000,000 Per Occ/ \$2,000,000 Aggregate	Cincinnati Specialty UW	013843	A+
SC-3, Section 2, Part 4.1 - see provisions	AUTO	\$2,000,000/per occ.	\$ \$1,000,000 per occ/ plus \$1,000,000 umbrella	Cincinnati Specialty UW	013843	A+
SC-3, Section 2, Part 4.1 - see provisions	WC	Statutory w /endorsement as noted	\$ \$1,000,000	AIG: National Union Fire Ins Co	002351	A

Section 2 includes required provisions, statements regarding insurance requirements, and the undersigned agrees to abide by all provisions for the coverage's checked above unless stated otherwise when submitting.

The Insurance Circle Agency Inc
 Agency or Brokerage Heidi M Plaveccky
44 South High Street Licensed Customer Service Representative
Canal Winchester, Ohio 43110 Title Heidi M Plaveccky
 City 614-837-5558 State _____ Zip _____ Authorized Signature
 Telephone Number _____ Date April 20, 2016

NOTE: Authorized signatures may be the agent's if agent has placed insurance through an agency agreement with the insurer. If insurance is brokered, authorized signature must be that of authorized representative of insurer.

IMPORTANT: Contract may not be awarded if a completed and signed copy of this form for all coverage's listed above is not provided with the bid.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/28/2016

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

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

PRODUCER The Insurance Circle 44 S. High Street Canal Winchester OH 43110		CONTACT NAME: Heidi Plavecsky PHONE (A/C, No, Ext): (614) 837-5558 FAX (A/C, No): (614) 837-0488 E-MAIL ADDRESS:	
INSURED AMK SERVICES, LLC 9291 Crouse Willison Rd Johnstown OH 43031		INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Specialty Underwriting INSURER B: Cincinnati Insurance Companies 10677 INSURER C: Ryan Turner Specialty INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER: 2015-2016** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER	X		CSU0031300	10/10/2015	10/10/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 1,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		EPP0145182	5/14/2015	5/14/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 5,000
A	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CSU0038327	6/5/2015	6/5/2016	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC 019396006	8/13/2015	8/13/2016	PER STATUTE OTH-ER E L EACH ACCIDENT \$ 1,000,000 E L DISEASE - EA EMPLOYEE \$ 1,000,000 E L DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 LFUGG IS ADDITIONAL INSURED WITH RESPECT TO GENERAL LIABILITY AND AUTO. COVERAGE SHALL BE ON A PRIMARY BASIS. CINCINNATI SPECIALTY INSURANCE COMPANY WILL PROVIDE 30 DAY NOTICE OF CANCELLATION TO LFUGG.

CERTIFICATE HOLDER LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT DIVISION OF RISK MANAGEMENT 200 EAST MAIN ST LEXINGTON, KY 40507	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Heidi Plavecsky HM/HM <i>Heidi M Plavecsky</i>
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14. DEBARRED FIRMS

PROJECT NAME: Radio Communication System for PSOC

BID NUMBER: 60-2016

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KY**

All prime Contractors shall certify that Subcontractors have not and will not be awarded to any firms that has been debarred for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 As Amended, Executive Order 11246 As Amended or any other Federal Law.

All bidders shall complete the attached certification in duplicate and submit both copies to the Owner with the bid proposal. The Owner (grantee) shall transmit one copy to the Lexington-Fayette Urban County Government, Division of Community Development, within fourteen (14) days after bid opening.

The undersigned hereby certifies that the firm of AMK Services, LLC has not and will not award a subcontract, in connection with any contract award to it as the result of this bid, to any firm that has been debarred for noncompliance with the Federal labor Standards, Title VI of the civil Rights Act of 1964, Executive Order 11246 as amended or any Federal Law.

AMK Services, LLC
Name of Firm Submitting Bid

April Graham
Signature of Authorized Official

April Graham, CEO
Title

5/2/16
Date

14. DEBARRED FIRMS

PROJECT NAME: Radio Communication System for PSOC

BID NUMBER: 60-2016

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KY**

All prime Contractors shall certify that Subcontractors have not and will not be awarded to any firms that has been debarred for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 As Amended, Executive Order 11246 As Amended or any other Federal Law.

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AMK Services, LLC
Name of Firm Submitting Bid

April Graham
Signature of Authorized Official

April Graham, CEO
Title

5/2/16
Date

15. DEBARMENT CERTIFICATION

All contractors/subcontractors shall complete the following certification and submit it with the bid proposal.


The contractor/subcontractor certifies in accordance with Executive Order 12549 (Debarment and Suspension 2/18/86) that to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared negligible, or voluntarily excluded from covered transactions or contract by any Federal department or agency for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 as amended, Executive Order 11246 as amended or any other Federal law;
 - a) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - b) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(a) of this certification; and
 - c) Have not within a three year period preceding this bid has one or more public (Federal, State or local) transactions or contracts terminated for cause or default.
- 2) Where the contractor is unable to certify to any of the statements in this certification, such prospective contractors shall attach an explanation to this certification form.

Firm Name: AMK Services, LLC

Project: Radio Communication System for PSOC 60-2016

Printed Name and Title of Authorized Representative: April Graham, CEO

Signature: 

Date: 5/2/16

END OF SECTION

15. DEBARMENT CERTIFICATION

All contractors/subcontractors shall complete the following certification and submit it with the bid proposal.


The contractor/subcontractor certifies in accordance with Executive Order 12549 (Debarment and Suspension 2/18/86) that to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared negligible, or voluntarily excluded from covered transactions or contract by any Federal department or agency for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 as amended, Executive Order 11246 as amended or any other Federal law;
 - a) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - b) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(a) of this certification; and
 - c) Have not within a three year period preceding this bid has one or more public (Federal, State or local) transactions or contracts terminated for cause or default.
- 2) Where the contractor is unable to certify to any of the statements in this certification, such prospective contractors shall attach an explanation to this certification form.

Firm Name: Tower Systems South, Inc.

Project: Radio Communication System for PSOC 60-2016

Printed Name and Title of Authorized Representative: Lesley Liarikos, General Manager

Signature:  _____

Date: 5/18/16

END OF SECTION

AIA[®] Document A310[™] – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

AMK Services, LLC.
9291 Crouse Willison Rd.
Johnstown, OH 43031

OWNER:

(Name, legal status and address)

LFUCG Division of Central Purchasing
200 East Main St., 3rd Fl., Rm 338
Lexington, KY 40507

BOND AMOUNT:

\$324,856.00

PROJECT:

(Name, location or address, and Project number, if any)

Radio Communications System for PSOC
Lexington-Fayette Urban County Government - Division of Purchasing
Lexington, KY 40507

SURETY:

(Name, legal status and principal place of business)

Western Surety Company
333 S. Wabash Avenue
Chicago, IL 60604

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.


Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

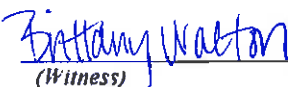
The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 20th day of May, 2016


(Witness)


(Witness)

AMK Services, LLC.

(Principal)

 CEO

(Title)

Western Surety Company

(Surety)



(Title)

Mark Arnold, Attorney-In-Fact

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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Init.

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Mark Arnold, Harry J Bound, Brittany Walton, Daniell Dahl, Rebecca Bryner, Jason D Daniels, Individually

of Reynoldsburg, OH, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 14th day of October, 2015.



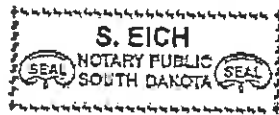
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 14th day of October, 2015, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
February 12, 2021



S. Eich
S. Eich, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 20 day of May, 2016.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

Office of Risk Assessment
50 West Town Street
Third Floor - Suite 300
Columbus, Ohio 43215
(614)644-2658
Fax(614)644-3256
www.insurance.ohio.gov

Ohio Department of Insurance

John R. Kasich - Governor

Mary Taylor - Lt. Governor/Director

Certificate of Compliance



Issued 03/17/2016

Effective 04/02/2016

Expires 04/01/2017

I, Mary Taylor, hereby certify that I am the Lt.Governor/Director of Insurance in the State of Ohio and have supervision of insurance business in said State and as such I hereby certify that

WESTERN SURETY COMPANY

of South Dakota is duly organized under the laws of this State and is authorized to transact the business of insurance under the following section(s) of the Ohio Revised Code:

Section 3929.01 (A)

Fidelity

Other Liability

Surety

WESTERN SURETY COMPANY certified in its annual statement to this Department as of December 31,2015 that it has admitted assets in the amount of \$1,823,699,967, liabilities in the amount of \$500,361,661, and surplus of at least \$1,323,338,306.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused my seal to be affixed at Columbus, Ohio, this day and date.

Mary Taylor

Mary Taylor, Lt. Governor/Director



WESTERN SURETY COMPANY
Sioux Falls, South Dakota
Statement of Net Admitted Assets and Liabilities
December 31, 2014

ASSETS

Bonds	\$ 1,824,951,414
Stocks	23,975,582
Cash, cash equivalents, and short-term investments	51,536,164
Investment income due and accrued	22,267,675
Premiums and considerations	41,696,249
Amounts recoverable from reinsurers	(11,221,508)
Federal and foreign income taxes recoverable	7,401,709
Net deferred tax asset	20,261,713
Receivable from parent, subsidiaries, and affiliates	17,380,167
Other assets	3,799
Total Assets	\$ 1,998,252,964

LIABILITIES AND SURPLUS

Losses	\$ 302,997,505
Reinsurance payable on paid losses and loss adjustment expenses	(15,267,712)
Loss adjustment expense	64,134,995
Contingent and other commissions payable	6,099,306
Unearned premiums	259,011,845
Advance premiums	5,321,610
Payable to parent, subsidiaries and affiliates	107,843
Other liabilities	7,821,458
Total Liabilities	\$ 630,226,850

Surplus Account:

Capital paid up	\$ 4,000,000
Gross paid in and contributed surplus	280,071,837
Unassigned funds	<u>1,083,954,277</u>
Surplus as regards policyholders	<u>\$ 1,368,026,114</u>

Total Liabilities and Capital \$ 1,998,252,964

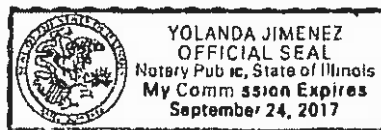
I, Peter Locy, Assistant Vice President of Western Surety Company hereby certify that the above is an accurate representation of the financial statement of the Company dated December 31, 2014, as filed with the various Insurance Departments and is a true and correct statement of the condition of Western Surety Company as of that date.

Western Surety Company

By *Peter Locy*
Assistant Vice President

Subscribed and sworn to me this 19th day of March, 2014.

My commission expires:



Yolanda Jimenez
Notary Public