

West Virginia Army National Guard



CEOI 0603 ADJ1700000002

**Emergency Generator Enclosure Design
Eleanor Armed Forces Reserve Center**

08/10/16 09:47:02
WV Purchasing Division



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



16 August 2016

Jessica S. Chambers
Senior Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

RE: CEOI 0603 ADJ1700000002 -
Emergency Generator Enclosure Design Eleanor Armed Forces Reserve Center

Dear Ms. Chambers and Members of the Selection Team,

McKinley & Associates is pleased to provide the West Virginia Army National Guard Construction and Facilities Management Office with our Expression of Interest for professional engineering/architectural design services for an exterior enclosure, with all mechanical and electrical accessories for the installation of an existing emergency generator, located at the Eleanor Armed Forces Reserve Center, and will be altered to accommodate the facility's needs and meet current building codes. As you review this submission, we emphasize the following strengths of McKinley & Associates with respect to your project:

McKinley & Associates has been providing design services since 1981. We support a professional staff of **MEP Engineers, Architects, Construction Administrators**, and LEED Accredited Professionals specializing in Building Design and Construction among others. We recently became a 100% ESOP Company (Employee Stock Ownership Plan), **so our employees now own 100% of our corporation!**

McKinley & Associates has been **honored to be a partner with the West Virginia Army National Guard** for multiple projects, and we wish to continue our service with you on this project as well. The most important element of the entire process becomes communication from you to our professionals. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.

Your project will be led by **Darren S. Duskey, PE**, who has over 20 years of experience in Electrical Design, and has led all of McKinley & Associates' generator projects during his 14 year tenure with our firm. A few projects he has led the design of the generators are seen in the "Projects" tab.

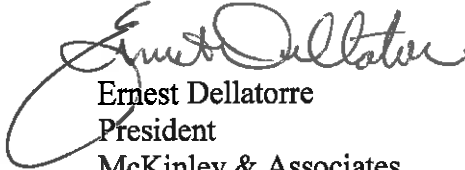
Furthermore, McKinley & Associates has a wide array of **additional** relevant generator projects. Some of these include multiple other West Virginia State Police projects across the State (Doddridge, Hampshire, Harrison, and Monongalia Counties), Ohio County Correctional Facility, Wheeling Island Hotel•Casino•Racetrack, multiple West Virginia University projects, and several schools around the State, among others. Many have exterior enclosures, concrete pads, systems

tie-ins, engineering and utility services to put the generator into service, etc. Mr. Duskey completed the design on many of these projects, as well.

With our previous experience on with **generator** projects, our vast experience with codes, and our great working relationship with various State agencies; we are confident that we have the talent and technology needed to make this successful.

We are ready to begin immediately and will meet all your Goals and Objectives. Thank you for reviewing our submission and considering McKinley & Associates for your proposed project. We are very excited about the possibility of working with the West Virginia Army National Guard again.

Sincerely,



Ernest Dellatorre
President

McKinley & Associates

304-340-4267

edellatorre@mckinleyassoc.com



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Corporate Information

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline full service Architectural & Engineering firm, offering comprehensive professional services in Architecture, Engineering, Interior Design, LEED Design, Commissioning, Planning, and Construction Administration. We have a broad range of skill and experience for projects involving governmental, emergency response facilities, public safety, commercial/office, educational, and more. McKinley & Associates is now a **100% ESOP Company** (Employee Stock Ownership Plan), which is a benefit plan that gives our employees 100% ownership of stock in our company. This is a contribution to the employee, not an employee purchase.



McKinley & Associates' Charleston, WV Office

Washington Trust Building



McKinley & Associates' Washington, PA Office

Firm Information

Ernest Dellatorre
President

Tim Mizer, PE, RA, QCxP
Director of Operations

Gregg Dorfner, AIA, NCARB
Director of Architecture

Date of Incorporation

July 1, 1981
Wheeling, West Virginia

Number of Professionals

Total Size	30
Architects	6
Engineers	3
Construction Admins.	3
Arch./Eng. Designers	9
Interior Designer	1
LEED AP BD+C	2
ALEP (CEFP) / REFP	2
Commissioning Provider	1
Historic Preservationist	1
MIS	1

Locations

Charleston Enterprise Center
1116 Smith Street
Suite 406
Charleston, West Virginia 25301
P: 304-340-4267
F: 304-340-4269

The Maxwell Centre
Thirty-Two - Twentieth Street
Suite 100
Wheeling, West Virginia 26003
P: 304-233-0140
F: 304-233-4613

Washington Trust Building
6 S. Main Street
Suite 1028
Washington, Pennsylvania 15301
P: 724-223-8250
F: 724-223-8252



Credentials

McKinley & Associates is a member of the following organizations:
CEFP, AIA, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA, ASHRAE, ACI International

The Maxwell Centre - McKinley & Associates' Wheeling, WV Office



Project Approach

First and foremost we can state that our large professional staff will devote whatever time is necessary to provide you with successful projects. If our project team is chosen for this project; they are available to **start immediately** upon our being selected, and will provide the necessary hours to complete your project on time.

Over the years, McKinley & Associates has designed many projects that involve **generators, enclosures, electrical, load requirements, emergency power systems, uninterruptible power supply (UPS), and much more.** We have experience with similar projects.

We will provide you with all the design services needed for the installation of your state owned, Waukesha Enginator Generator Model Number VGF24GL, Natural Gas Power, 480/277Volt, 3-Phase, 60Hz, 1800RPM. We understand this will include a concrete slab on grade, an exterior enclosure of approximately 400 square feet, and all electrical, utility and mechanical accessories to put the generator into service. **To start your project, a kickoff meeting will be held with the West Virginia Army National Guard, the Eleanor Armed Forces Reserve Center representatives, along with all our design professionals assigned to this project.** We will go on-site to the AFRC in Red House, WV, and verify the existing conditions of the facilities through the review of the existing conditions, existing drawings if available, and with discussions with the Owner. From this meeting the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phase. We will then use all this information to design and specify an exterior enclosure, with all mechanical and electrical accessories for the installation, to accommodate the AFRC facility's needs, to meet current building codes, to better fit the standards of design today, and to complete the plans to install systems to fully utilize your generator.

The West Virginia State Police is one of our governmental clients that we have worked with for over 20 years on numerous projects throughout the state. We have designed multiple facilities that have **generators**, especially the detachments with E-911 Centers, as well as the WVSP Headquarters.

Darren S. Duskey, PE, your Project Manager and Professional Electrical Engineer, has experience with a wide array of generators and emergency power systems projects, from a small 20 kW propane generator for a fire department building, to a 500 kW diesel generator for a 1.2 million SF distribution warehouse. Your project will be managed by Darren S. Duskey, PE, a Professional Electrical Engineer who has experience with a wide array of generators and emergency power systems projects, from a small 20 kW propane generator for a fire department building, to a 500 kW diesel generator for a large distribution warehouse's life safety system, fire pump, computer server rooms and more. Mr. Duskey also has project experience that includes designing a backup generator and uninterruptible power supply (UPS) for the main server room at the West Virginia State Police (WVSP) headquarters, designing entire building power backup generator systems for multiple other WVSP detachments, including 911 centers, an exterior generator at the J.B. Chambers Performing Arts Center, a generator backup for life safety and critical systems for West Virginia University's (WVU) Colson Hall, and a generator backup for the WVU State Fire Training Academy to name a few.

With our **generator and emergency power systems experience, understanding of codes, and our great working relationship with various state agencies;** we are confident that we have the talent and technology needed to make this successful. Also, as your **MEP Engineers/Architects and single point of responsibility**, you can be reassured of smooth project delivery and sensitivity to all relevant guidelines in our state. **We will meet your goals and objectives.**

Quality Control

Quality control at McKinley & Associates, Inc. is a constant process which **begins with the initial project activity and continues through document submissions, bidding, construction and owner occupancy.** The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases, all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the National Guard any potential conflicts between program criteria and design standards and resolving those conflicts to your satisfaction.

As the schematic/concept plans are developed, Darren S. Duskey, PE, your Project Manager and Electrical Engineer, will present plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture (*a peer review with Professionals, along with a Construction Administrator, is seen below*). Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- Cost effectiveness of the design.
- Drawing accuracy.
- Compliance with appropriate codes and client standards.

After coordination check corrections are completed, Darren will review the documents and compare the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A review set will be sent to the National Guard, the Fire Marshal and other governing authorities for preliminary review.

During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are once again checked by the Project Manager and appropriately referenced on the drawings. Copies of the final documents will be distributed to the West Virginia Army National Guard for final review and approval. A set is sent to the Fire Marshal and other governing authorities for final review comments. Comments are incorporated into the documents prior to issuance for advertising, bidding and construction.

Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda. We will provide assistance in analyzing and evaluating bids for construction, and assist with awarding the construction contracts.

During the construction, the processing of shop drawings and submittals will be controlled and monitored by Mr. Duskey, and includes the receipt, logging, review and return of submittals. Urgent items can often be expedited to satisfy the construction schedule. In addition, Bob Smith, your Construction Administrator, will monitor the contractor's progress to ensure that they are following the Construction Documents, and verify that closeout documents are submitted in a timely manner upon Substantial Completion.



Construction Administration & On-Site Representation

Construction Administrator Involved from the Beginning of the Design Phase

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architects/Engineers

Responsible for All Construction Progress Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

**Typically On-Site Once Every Two Weeks
(Provide Additional On-Site Representation if Requested)**



Our **Construction Administrators** have an extra responsibility than what most firms' Construction Administrators have; our CAs are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our CAs have an important role as being the **liaison between the Owner, Contractor, and Architect**. The primary objective of the Construction Administration services is to ensure completion of work the way the client wants it - **as scheduled and as budgeted**. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Construction Administrator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

Design Team Flow Chart



Project Manager / Point of Contact

Darren S. Duskey, PE

Engineering Team

Darren S. Duskey, PE
Electrical Engineer

Michael J. Clark
Electrical Engineering Designer

Tim E. Mizer, PE, RA, QCxP
*Director of Operations /
Architectural Engineer / Architect / Commissioning Provider*

Architecture

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
*Architect / LEED Accredited Professional specializing in Building
Design & Construction (Energy Efficient Design)*

Construction Administration

Robert E. "Bob" Smith

** McKinley & Associates is willing to dedicate more professionals if they are needed; including more Engineering Designers, Architects, LEED Accredited Professionals, and more.*



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Darren S. Duskey, PE

Electrical Engineer

EDUCATION:

The Ohio State University
B.S. Electrical Engineer - 1993

Marshall University
Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in:
Ohio
Pennsylvania
West Virginia

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2002 to present)

Pickering Associates
Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc.
Marietta, OH (1995-1997)

Inland Products, Inc.
Columbus, OH (1993-1995)

SUMMARY OF EXPERIENCE:

Mr. Duskey has over 20 years of experience with projects ranging from electrical design of National Guard facilities, a wide array of generators and emergency power systems projects, State Police detachments, office buildings, emergency service, large and small industrial projects, energy efficient buildings, and much more. He has extensive knowledge with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia State Police - multitude of projects across West Virginia, including multiple generators at various detachments, E911 Centers, the WVSP Headquarters, and the Back-Up Data Center

West Virginia University - multiple projects at their various campuses, including projects with generators at: Colson Hall in Morgantown WV, State Fire Training Academy in Jackson's Mill WV, and WV Tech's Maclin Hall Dormitory in Montgomery WV

Washington & Jefferson College - generators at Thompson Hall and the Commons building

Cabela's Eastern Distribution Center, including major generator

J.B. Chambers Performing Arts Center, including major generator

Building 55: West Virginia State Office Complex in Logan (LEED Certified), including generator

West Virginia Army National Guard - Multi-Purpose Building

West Virginia Army National Guard - Mountaineer Challenge Academy

United States Postal Service - multiple projects across WV & PA

WVDHHR's new Ohio County office building fit-out

Building 34: West Virginia State Office Complex in Weirton

WVDRS Wheeling District's new office space fit-out

Dr. Don Chapman D.D.S. / Keep Smiling Family Dentistry Office

Weirton Elementary School / School-Based Health Center

Charleston Enterprise Center office renovations (2009 WV AIA Design Award winner - energy efficient "green" design)

Candlewood Suites Hotel, Morgantown, WV

Holiday Inn Express Hotels & Suites - multiple locations in many states

Wagner Building multiple renovations

Carenbauer Wholesale Corp. office renovations / warehouse addition

Ohio Valley Towers office building renovations

Wheeling Island Hotel•Casino•Racetrack multiple projects

Hilltop Elementary School (LEED Certified)

Chambers YMCA renovations



Michael J. Clark Sr.

Electrical Engineering Designer

EDUCATION:

Eastern Gateway Community College
A-ATS Electro-Mechanical Engineering - 2012

Jefferson Community College
A-ATS Electrical Trade Technology - 2003

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Certified in SMAW Weld Process & Basic
Welding and Applications 2002

West Virginia Journeyman License

Ohio Fire Alarm License

OSHA 30 Certified

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Electrical Engineering Designer
Wheeling, WV (2012 to present)

Arcelor Mittal
Maintenance Technician Electrician
Weirton, WV (2012)

M.J. Electric
Journeyman Electrician
Iron Mountain, MI (2010-2012)

Erb Electric Company
Journeyman Electrician
Bridgeport, OH (2009-2010)

Bechtel Group Inc.
Journeyman Electrician
Glendale, AZ (2009)

Cattrell Companies, Inc
Journeyman Electrician
Toronto, OH (1998-2009)

SUMMARY OF EXPERIENCE:

Mr. Clark is an Electrical Engineering Designer and a Certified Journeyman Electrician with over 20 years of industrial, commercial and residential experience. He is knowledgeable in all areas of the national electrical code and excels in analyzing and solving problems with various electrical controls and systems. Mr. Clark brings a cross-trained background to our projects, being skilled in both the design and the construction ends which gives him a unique ability to understand all aspects of a project. He is also adept in performing electrical and mechanical installations, maintenance and repairs in plant facilities. Furthermore, he is seasoned as an Electrical Foreman and Superintendent on both commercial and industrial job sites. His key skills include Electrical Systems & Controls, Installations & Maintenance, Generators & Transformers, Electromechanical Repairs, Blueprints & Schematics, Switches & Circuit Breakers, Electrical Code, Safety & QA, Wiring Diagrams, Troubleshooting, Testing Instruments, Motors & Conduit, CAD-2D/3D, Welding, & Residential construction.

NOTABLE PROFESSIONAL EXPERIENCES:

Building 55: WV State Office Complex in Logan (LEED Certified)
WVDRS Wheeling District's new office space
Dr. Chapman's Dental office
Candlewood Suites Hotel
Holiday Inn Express Hotel & Suites
Carenbauer Wholesale Corp. office renovation/warehouse addition
Follansbee City Building
Wellsburg City Building
Jefferson County Courthouse
Union Bank
City of Steubenville - Parks Lighting
Silver Company - Moss Neck Storage Building
Grave Creek Mound Museum
West Liberty University - Football Field Lighting
Brooke County Schools - Adult Learning Center (ALC)
Grant County Schools - Maysville Elementary
Hampshire County Schools - Animal Vet Science Center
Hancock County Schools - Weirton Elementary
Hancock County Schools - Oak Glen High
Hancock County Schools - Weir High
Marshall County Schools - Cameron High
The Linsly School



Tim E. Mizer, PE, RA, QCxP

Architectural Engineer / Architect / Commissioning Provider

Director of Operations

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia
Ohio

Registered Architect in:
Ohio

Qualified Commissioning Process
Provider

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Director of Operations
Architect / Engineer / Commissioning
Wheeling, WV (1995 to present)

M.C.C. Engineering
Director of Design
Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates
Electrical & Mechanical Design
Columbus, Ohio (1986-1988)

Mizer Design
Free Lance Architectural Engineering Design
Columbus, Ohio (1985-1986)

Envirotek, Inc.
Drafting and Electrical & Mechanical Design
Raleigh, NC (1984-1985)

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. In addition, he is also a Qualified Commissioning Provider. Mizer's background as both an Architect and Engineer has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, as a qualified commissioning process provider, he has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. He joined McKinley & Associates in 1995, and has over 30 years of experience. As the Director of Operations, Mr. Mizer's presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space.

NOTABLE PROFESSIONAL EXPERIENCES:

Building 55: WV State Office Complex in Logan (LEED Certified - includes generator)

West Virginia State Police - dozens of renovations, additions, and new detachments, including multiple projects with generators

West Virginia University - multiple projects at their various campuses, including multiple projects with generators

Washington & Jefferson College - generators at Thompson Hall and the Commons building

Cabela's Eastern Distribution Center (includes generator)

J.B. Chambers Performing Arts Center (includes generator)

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson

West Virginia Army National Guard - Mountaineer Challenge Academy

West Virginia Army National Guard - AASF#1 HVAC upgrades

West Virginia Army National Guard - Multiple Facilities State-Wide - SPCC Certifications, SPCC Amendments and Environmental Equivalence Certifications

Building 34: WV State Office Complex in Weirton

West Virginia Department of Health & Human Resources' Ohio County Office Building fit-out / renovations

USPS - worked on a multitude of Post Offices in WV & PA

Raleigh County Emergency Services Authority HVAC renovations

VAMC Beckley renovations

Wetzel County Hospital addition/renovations

Orrick's Global Operations Center office building fit-out

Hilltop Elementary School (LEED Certified)

Wheeling Island Hotel•Casino•Racetrack multiple projects



Thomas R. Worledge, AIA, LEED AP BD+C, REFP

Architect / Specialized LEED Accredited Professional



EDUCATION:

Virginia Polytechnic Institute & State University
Master of Architecture - 1992

Fairmont State College, School of Technology
B.S. Architectural Eng. Tech. - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Ohio
Pennsylvania
Tennessee
Virginia

National Board Certification:

NCARB

President:

West Virginia Society of Architects

Member:

The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional
(REFP)

Former voting member:

ASHRAE 90.1 International Energy Code
Committee

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Manager, Charleston Office
Charleston, WV (2005 to present)

Proactive Architecture Inc.
President
Charleston, WV (1999-2005)

Silling Associates Inc.
Vice President
Charleston, WV (1992-1999)

TAG Architects
Charleston, WV (1985-1990)

Alpha Associates Inc.
Morgantown, WV (1983-1985)

SUMMARY OF EXPERIENCE:

Mr. Worledge is a skilled Architect with over 30 years of experience, who has been the former President of the WV chapter of AIA, has received State and National design awards, and placed in National and Global design competitions. Unlike many architects who are new to green building and alternate energy, Thom started his career designing and building alternate energy systems, and was the first LEED Accredited Professional in West Virginia! He believe energy efficient design is simply good design practice. As a **LEED Accredited Professional specializing in Building Design & Construction (LEED AP BD+C)** and a **recognized sustainable design expert**, he has **2 LEED Certified** projects, **multiple LEED Registered** projects, several other energy-efficient projects, has articles published in State and National trade publications, was a featured speaker at multiple State and National conferences, served on the committee that set the ASHRAE 90.1 Standards for the International Energy Code, professionally teaches and trains other professionals in the art of High Performance Design, is a Founder & Chairman of the Board for the US Green Building Council's West Virginia Chapter, and much more.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

Building 55: WV State Office Complex in Logan (**LEED Certified** - includes generator)

West Virginia State Police - new Logan Detachment / Back-Up Data Center for the WVSP Headquarters (includes generator)

West Virginia State Police Academy - Renovations to Buildings A, B, and C; New Buildings D and Multi-Purpose Building

Veterans Affairs Medical Centers - multiple VAMCs around WV and PA

United States Postal Service - multiple projects throughout WV

Nicholas County Division of Homeland Security & Emergency Management - E-911 and Emergency Operations Center studies

West Virginia Department of Health & Human Resources' Ohio County Office Building fit-out / renovations

Fairmont State University - College Apartments Complex

WVU Institute of Technology - Maclin Hall Dormitory in Montgomery

West Virginia University - University Police Building

Gus R. Douglass Economic Development Center / DigiSo

Charleston Enterprise Center renovation (WV AIA Design Award)

Williamson SMART Office (LEED Registered / Placemaker Award)

Natural Energy Design (NED) Building (Placemaker Award)

Bellann in Oakhill, WV (LEED Registered)

Big Sandy Arena & Convention Center

Marshall County Schools - Hilltop Elementary (**LEED Certified** - won multiple WV and National Awards & Recognitions)

Wood County Schools - Parkersburg High renovation (\$23 million) & Williamstown High renovation (\$13.5 million)



Robert E. "Bob" Smith

Construction Administrator

EDUCATION:

University of Pittsburgh
M.S. Industrial Engineering - 1989

United States Air Force Academy
B.S. Behavioral Science /
Human Factors Engineering - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Board Member:

Indian Creek School District (elected in 2009)

Instructor:

Mechanical Engineering, Eastern Gateway
Community College

President:

Mingo Business Association (2007 to present)

Commander:

American Legion Post 351 (2008 to present)

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Construction Administrator / Project Coordinator
Wheeling, WV (2009 to present)

Jefferson County Regional Planning Commission
Regional Planner
Steubenville, OH (2008-2009)

Edison Local School District
Director of Operation (1999-2008)
Transportation Supervisor (1998-1999)
Hammondsville, OH

MILITARY SERVICE:

Wright Patterson Air Force Base - Dayton, OH
Chief B-2, Block 20 Field Retrofit, \$300 million
B-2 Systems Program Office (1994-1996)
Team Leader, Process Improvement Technology
Armstrong Laboratory (1989-1994)

Randolph Air Force Base - San Antonio, TX
Chief, Test Construction Section
Occupational Measurement Center (1987-1988)
Quality Control Psychologist
Occupational Measurement Center (1985-1987)
Supervisor of Test Construction Team
Occupational Measurement Center (1983-1985)

SUMMARY OF EXPERIENCE:

Mr. Smith is a self confident, articulate and highly motivated individual with superior interpersonal and teamwork skills. He has a plethora of experience in mid to upper level personnel management, advanced information systems integration, training, acquisition, contract management, transportation and maintenance, and quality control. He is currently a member of the Board of Education for the Indian Creek School District in Jefferson County, Ohio. He is also an Adjunct Professor at Eastern Gateway Community College in Steubenville, Ohio, where he is teaching Mechanical Engineering. In addition, has 23 years of direct supervisory experience, as well as 13 years of documented success as an Air Force Officer.

NOTABLE PROFESSIONAL EXPERIENCES:

Cameron American Legion exterior renovations
Cabela's Eastern Distribution Center
USPS Clarksburg Financial Office historic preservation/renovation
USPS Parkersburg Carrier Annex & Hub
Fairmont State University - New College Apartments
Follansbee City Building renovations
Jefferson County Commission - Ohio Valley Towers renovations
Jefferson County Jobs & Family Services renovations
Steel Valley Regional Transit Authority renovations
Lincoln National Bank Building renovations
City of Steubenville Parks Lighting & Security Project
Harrison County Courthouse Roof
The Linsly School - Banes Hall renovations
The Linsly School - Behrens Gym renovations
Brooke Co. Schools - Follansbee Middle renovations
Grant Co. Schools - Maysville HVAC/Windows
Grant Co. Schools - Union Educational Complex renovations
Hampshire Co. Schools - Animal Vet Science Center
Hancock Co. Schools - A.T. Allison Elementary renovations
Hancock Co. Schools - John D. Rockefeller Career Center renovations
Hancock Co. Schools - New Manchester Elementary renovations
Hancock Co. Schools - Oak Glen High HVAC and renovations
Hancock Co. Schools - Oak Glen High Multi-Sports Complex
Hancock Co. Schools - Oak Glen High Wrestling Room
Hancock Co. Schools - Weir High Multi-Sports Complex
Hancock Co. Schools - Weir MS/HS renovations
Hancock Co. Schools - NEW Weirton Elementary
Marshall Co. Schools - NEW Cameron High (LEED Registered)
Marshall Co. Schools - NEW Hilltop Elementary (LEED Certified)
Tyler Co. Schools - 3 HVAC projects
Tyler Co. Schools - Bus Maintenance Garage renovations



Building 55 West Virginia State Office Complex



Logan, West Virginia

Owner

State of West Virginia

Size

52,300 SF approx.

Project Architects-Engineers

McKinley & Associates

Project Architect

Thomas Worlledge,
AIA, LEED AP BD+C, REFP

Contractor

Massaro Corporation

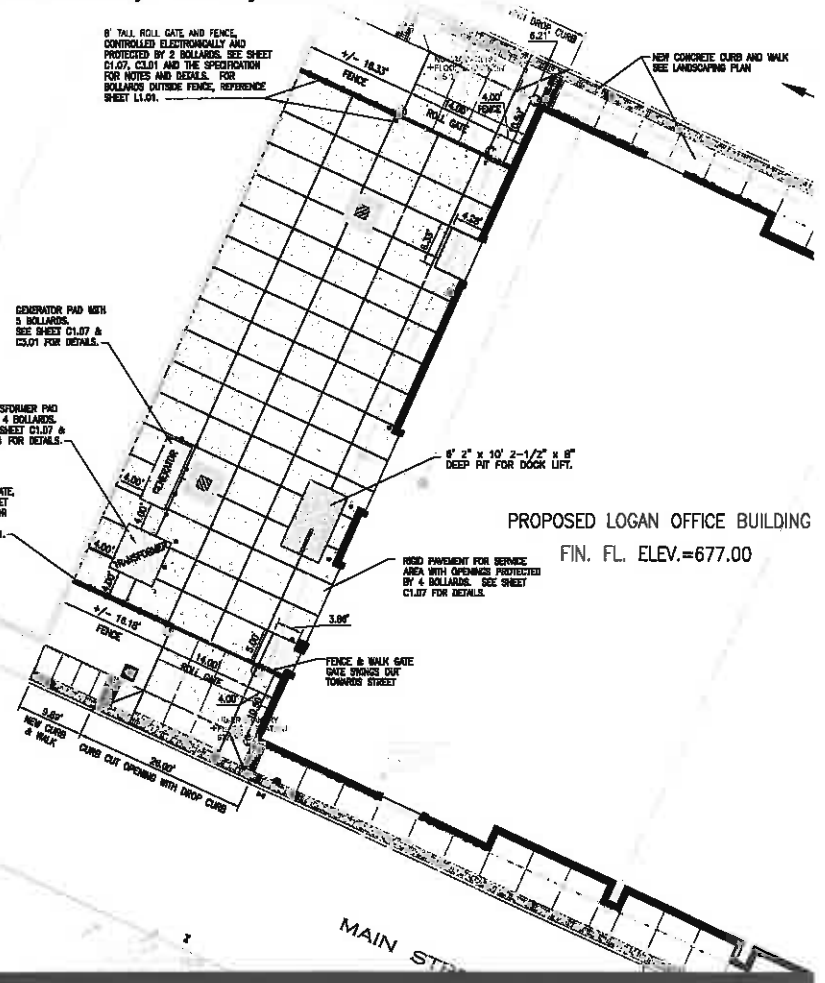
Commissioning Agent

Iams Consulting, LLC

City leaders were searching for a catalyst to stimulate community efforts to revitalize downtown Logan, West Virginia. This recently completed office building - dedicated on August 16, 2013 - has become that inspiration. The building is designed to reflect the history and culture of the area while incorporating current technology and safety elements, thus empowering the community leaders to create a vibrant connected urban core. This new 5-story building underscores its major role in the development and revitalization of downtown Logan by **uniting office space for 127 employees for 6 State agencies under one roof**, whom were once scattered throughout the city. The agencies include the **Department of Health and Human Resources, Division of Rehabilitation Services, the Offices of the Insurance Commissioner, State Tax Department, WorkForce West Virginia, and Workforce Investment Board**. The 53,200 SF building provides current technology, flexibility for future growth, and security features for existing and future tenants. At the request of the Owner, the building was designed to be energy efficient "green" and meet sustainable design goals. In March 2014, this project became **LEED Certified**.



There is a back-up/emergency generator for life safety systems and data server rooms, which powers emergency lighting and provides backup power to critical building systems for the State Agencies. It is a 300kW, 480/277V, 3 Phase, 4W diesel generator with outdoor enclosure, concrete pad, and in-base fuel tank. The generator, Automatic Transfer Switches (ATS), controls, and annunciator meet the requirements of NFPA 110, "Standard for Emergency and Standby Power Systems".



PROPOSED LOGAN OFFICE BUILDING
FIN. FL. ELEV.=677.00

WVSP Headquarters Data Center

South Charleston, West Virginia

Owner

West Virginia State Police

Construction Cost

\$350,000

Project Architects-Engineers

McKinley & Associates

Project Engineer

Darren S. Duskey, PE

Contractor

W. Harley Miller Contractors, Inc.

For over the past 18 years, McKinley & Associates has been honored to have been selected for multiple consecutive West Virginia State Police open-ended contracts for all engineering and architectural services throughout West Virginia. During this period we have been involved in dozens of projects with the WVSP. These projects included numerous renovations, additions, as well as new construction of multiple facilities throughout the State.

We recently completed upgrades on the State Police's main Data Center, located at their WVSP Headquarters in South Charleston, which included new service with a new generator and a new Uninterruptible Power Supply (UPS) for their main server room. Since the facility is the central hub of all police activity within the State, it must remain in operation 24/7; therefore, this emergency electric backup project was a priority project. This \$350,000 project included supplementing the existing 1600A, 208/120V service with a 480/277V feeder from a new service in the WVSP Headquarter's adjacent garage. The new 480/277V service has a generator which powers a panel in the main building's server room, which in turn feeds a UPS for the server, as well as a subpanel in the records room adjacent to the server room. The new emergency backup generator is a Cummins Model 400 DFEH series electric generating set rated for continuous standby service at 400 kW, 500 kVA Standby, at 0.8 PF, 277/480 volts 3 Phase 4 Wire, 60-Hz.

In addition, construction was recently completed on the new Logan Detachment, which is the Back-Up Data Center for that WVSP Headquarters facility; therefore, it needed much of the same emergency and power distribution systems. *More information is found on the following page.*

Furthermore, additional projects that were designed as E911 Centers for the State Police include their facilities in Berkeley, Doddridge, Mason and Pendleton Counties as well as the Morgantown Facility in Monongalia County. **Each of these facilities included secured entrances, raised access floors, UPS, and emergency backup generators.** They also included typical spaces such as Dispatch, Operations, Mapping and Data Entry, Office and Conference Rooms. The Romney Detachment included a 1,000 SF 911 Center as part of the design. Although it was smaller than our normal 911 Center, it still included many of the same features mentioned above.

Before



and After



WVSP New Logan Detachment

Logan, West Virginia

Owner

West Virginia State Police

Size

13,000 SF approx.

Construction Cost

\$4.5 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Thomas Worlledge, AIA, LEED AP BD+C, REFP

Contractor

W. Harley Miller Contractors, Inc.

As mentioned on the previous page, construction was recently completed on the new \$4.5 million Logan Detachment for the West Virginia State Police, which is the Back-Up Data Center for that WVSP Headquarters facility in South Charleston; therefore, it needed much of the same emergency and power distribution systems since the facility must remain in operation 24/7. For this Logan facility, we designed a 350 kW backup generator for the entire building, as well as Uninterruptible Power Supply (UPS) room, secured entrances, raised access floors, and more.

This building also includes a Dispatch Center with a dispatch room, radio room, and a computer rooms with raised access floors. Furthermore, the detachment has a District Commander's office, Detachment Commander's office, Assistant Commanders' offices, Lieutenant Inspector office, Lieutenant offices, squad bay for 25 Troopers w/workstations, receptionist area, file rooms, dayroom, evidence room, 30 trooper lockers, conference rooms, processing room, witness interview room, two-bay garage, and more. There are multiple **energy-efficient** and **sustainable design** aspects to the building: The Detachment uses a daylight clearstory to let natural daylight into the internal squad and conference rooms. The HVAC System included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling unit with dx (remote condensing unit) and hot water coils, variable air volume boxes with hot water heating coils, computer room units with remote

condensing units, and direct digital controls. This is the first time Insulated Concrete Forms (ICFs) have been used for State Police Buildings; ICFs are an almost perfect fit since they are cost effective to construct, energy efficient, and secure.



Cabela's Eastern Distribution Center

Triadelphia, West Virginia

Owner
Cabela's

Size
1.2 million SF (includes phases I & II)

Construction Cost
\$40 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA / Ray Winovich, RA

Contractor
Norwood Construction

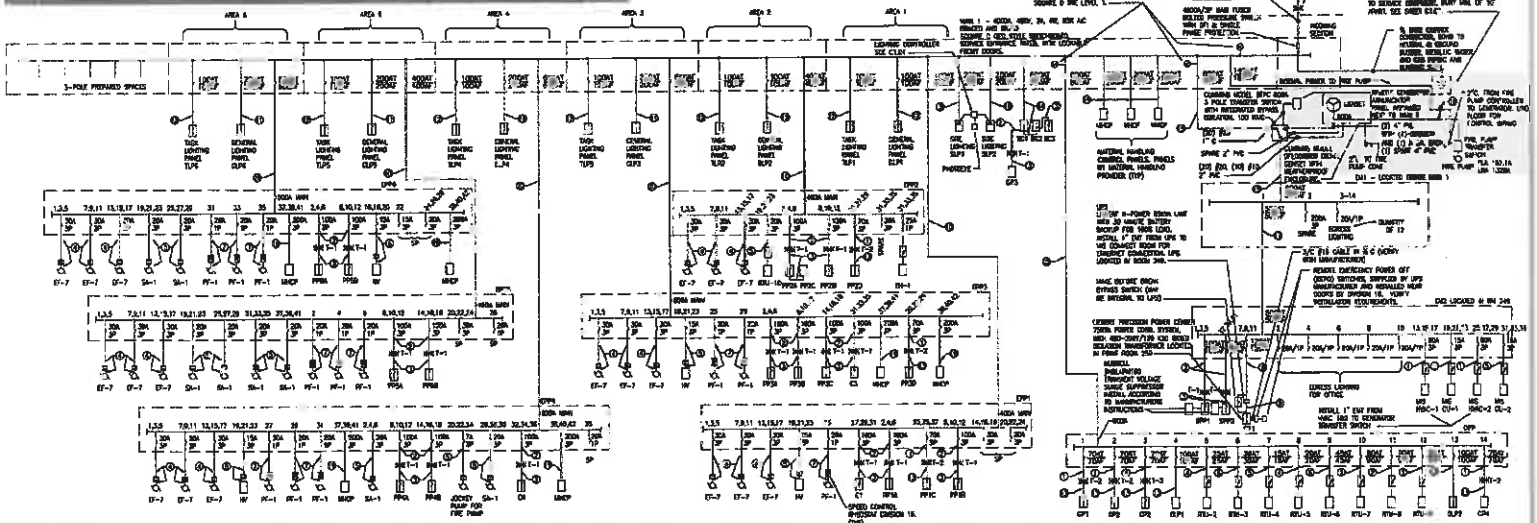
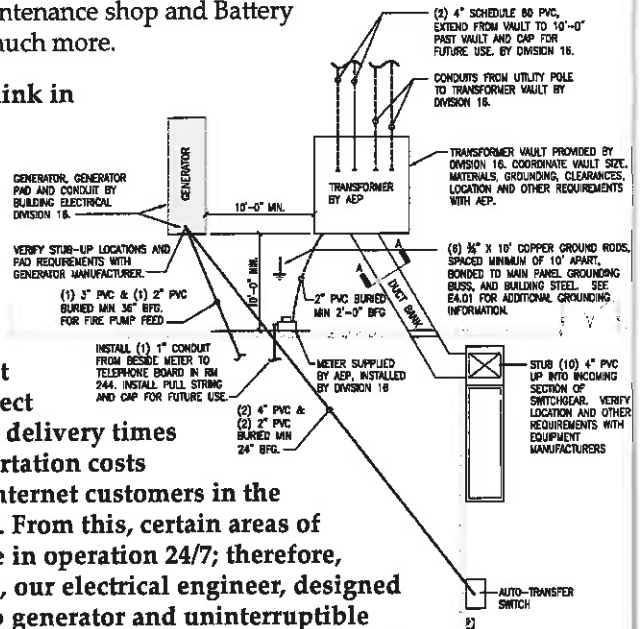
The \$40 million Cabela's Eastern Distribution Center is a commercial warehouse that was built in 2 fast-tracked phases. The building measures 1,200,000 square feet (600,000 SF for each of Phase I and Phase II), making it one of the largest buildings in West Virginia! The Warehouse features 30-FT high-bay ceilings to accommodate large automated storage/retrieval mezzanines and high-tech racking, the building's floor was designed to withstand continuous fork lift traffic, there is 32,000 SF of administrative offices, a 15,000 SF Maintenance shop and Battery Charging Room, and much more.

This facility is a key link in Cabela's retail expansion

plans, serving as their primary distribution center for the East Coast.

In addition to keeping their retail stores fully stocked, it also benefits their direct business by reducing delivery times and lowering transportation costs

to their catalog and Internet customers in the eastern United States. From this, certain areas of the facility need to be in operation 24/7; therefore, Darren S. Duskey, PE, our electrical engineer, designed an emergency backup generator and uninterruptible power supply (UPS) for the main data server room and for life safety systems. The generator is 500 kW; while the UPS is 65 kVA. This generator powers emergency lights, computer equipment, MIS power, MIS A/C, security and fire pump. Power is a key element in ensuring a fire pump works in an emergency situation; the fire pump is electric with standby power source connection to emergency generator.



2 Generator Projects

Washington, Pennsylvania

Owner

Washington & Jefferson College

Size

Multiple Buildings

Project Architects-Engineers

McKinley & Associates

Project Engineer

Darren S. Duskey, PE

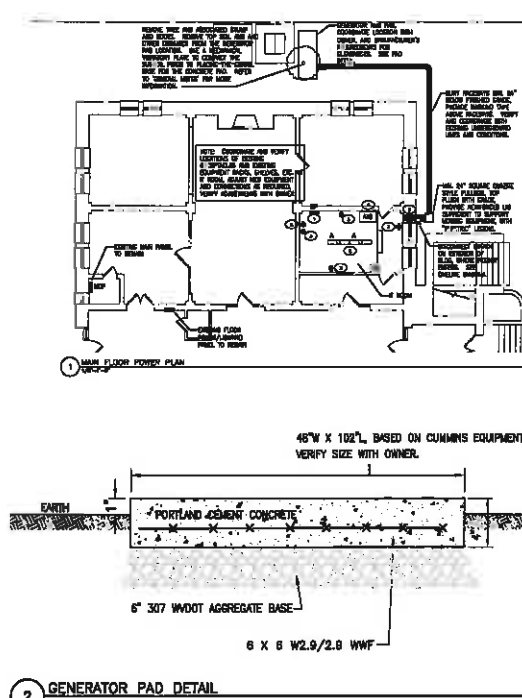
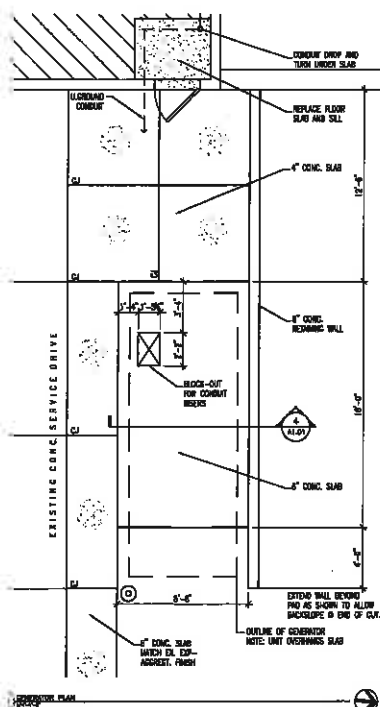
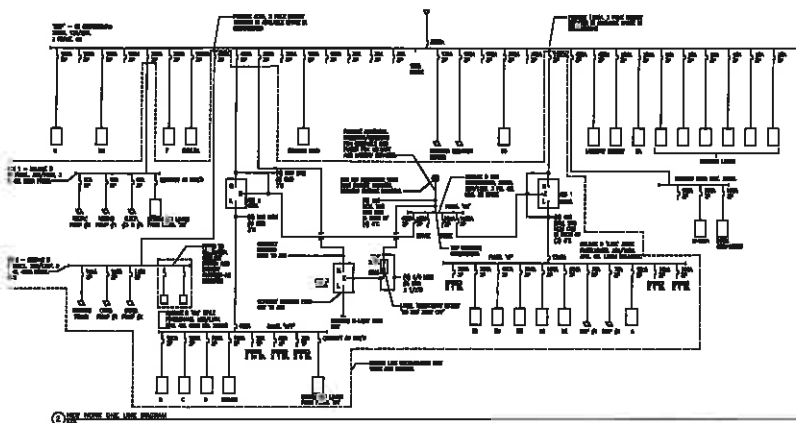
McKinley & Associates is working with Washington & Jefferson College on many projects, and on multiple buildings around their campus.

One project is a major emergency generator installation project with an elevated structural steel platform at their Commons building. This natural gas emergency power generators will provide backup power for egress lighting, life safety systems, and other mission critical processes. This project required electrical, mechanical and civil engineering services. The Commons was originally constructed in 1967, is approximately 32,613 SF, and serves as the main kitchen and dining hall for the College. There is a radio station, coffee shop, student organizational space, and meeting space. There is also some critical network equipment located in this facility. It is the intent of the college that this space be used to provide food and shelter in the event of an emergency. The 500 kW generator was designed to support egress lighting and life safety systems, as well as serve as backup power necessary to maintain food stores, prepare and serve food, provide heat for shelter, and, finally, serve as a campus operations center should one become necessary. Project included new transfer switches, panels, feeds, and lighting. In addition, the project included demo and excavation, as well as the addition of a concrete pad and retaining wall.

For another project, we also designed an emergency generator installation project at their administration building Thompson Hall. This natural gas emergency power generators will provide backup power for egress lighting, life safety systems, and other mission critical processes. This project required electrical, mechanical and civil engineering services, and we provided design development, construction documentation, CAD drawings, construction administration, quality control and closeout. The 14,530 SF Thompson Hall was originally constructed in

1913 as the Library, and now houses offices for Business and Finance, Academic Affairs, and the Registrar. It is also the location of critical network switching equipment and a Data Center. The generator was designed to support egress lighting and life safety systems, as well as serve as backup power for the network equipment and ancillary HVAC housed there.

Additional responsibilities for BOTH projects included researching current loads and projected loads and make recommendations for proper generator sizing, preparing an order of magnitude budget at various phases of design, developing a pre-purchase specification for the direct purchase of generators by the College (*the purpose of direct purchase was to reduce cost and lead time*), making recommendations for generator placement giving consideration to cost benefit and reducing overall impact to the campus environment, and being responsible for utility coordination and the procurement of applicable permits.



References

*(Generators at Multiple
WVSP Facilities State-Wide)*
Colonel C. R. "Jay" Smithers
West Virginia State Police
725 Jefferson Road
South Charleston, WV 25309
304/746-2115

(Cabela's Eastern Distribution Center)
Mr. Rick Boccetti
Cabela's
1 Cabela's Drive
Sidney, Nebraska 69160
860 / 290-6251



Earl Ray Comblin
Governor

Colonel C. R. "Jay" Smithers
Superintendent

September 8, 2011

Subject: Reference for McKinley & Associates

To Whom It May Concern:

The West Virginia State Police have had a professional relationship with McKinley & Associates since 1996. Not only do their Architects and Engineers listen to the needs of our law enforcers; they have gone beyond the call of duty to ensure our projects are top quality, run smoothly, and are completed on time.

Sincerely,

Col. C.R. "Jay" Smithers,
Superintendent

*(Building 55: West Virginia
State Office Complex)*
Mr. Robert P. Krause, PE, AIA
State of West Virginia
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304/558-9018

(2 W&J generator projects)
Mr. Ed Chavern, LEED AP
Washington & Jefferson College
60 S. Lincoln Street
Washington, PA 15301
724 / 223-6534

Equal Opportunity Employer



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 235070

Doc Description: Exterior Enclosure for Generator EOI Design Services for ADJ

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2016-07-19	2016-08-18 13:30:00	CEOI 0603 ADJ1700000002	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

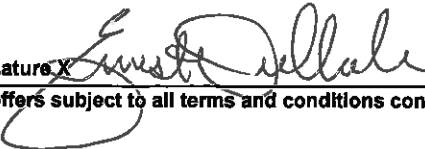
VENDOR

Vendor Name, Address and Telephone Number:

*000000206862
 McKinley & Associates, Inc.
 1116 Smith Street - Suite 406
 Charleston, WV 25301
 304 / 340-4267

FOR INFORMATION CONTACT THE BUYER

Jessica S Chambers
 (304) 558-0246
 jessica.s.chambers@wv.gov

Signature 

FEIN # 55-0696478

DATE 16 August 2016

All offers subject to all terms and conditions contained in this solicitation



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 235070

Doc Description: Addendum 1- EOI for Generator Design Services

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2016-08-11	2016-08-18 13:30:00	CEOI 0603 ADJ1700000002	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US


VENDOR

Vendor Name, Address and Telephone Number:

*000000206862
 McKinley & Associates, Inc.
 1116 Smith Street - Suite 406
 Charleston, WV 25301
 304 / 340-4267

FOR INFORMATION CONTACT THE BUYER

Jessica S Chambers
 (304) 558-0246
 jessica.s.chambers@wv.gov

Signature X 

FEIN # 55-0696478

DATE 16 August 2016

All offers subject to all terms and conditions contained in this solicitation

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Ernest Dellatorre - President
 (Name, Title)
Ernest Dellatorre, President
 (Printed Name and Title)
1116 Smith Street - Suite 406, Charleston, WV 25301
 (Address)
(304) 340-4267 | (304) 340-4269
 (Phone Number) / (Fax Number)
edellatorre@mckinleyassoc.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

McKinley & Associates
(Company)

Ernest Dellatorre - President
 (Authorized Signature) (Representative Name, Title)

Ernest Dellatorre, President
(Printed Name and Title of Authorized Representative)

16 August 2016
(Date)

(304) 340-4267 | (304) 340-4269
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: McKinley & Associates

Authorized Signature: *Ernest D. Carter* Date: 16 August 2016

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 16 day of August, 2016.

My Commission expires 26 June, 2024.



NOTARY PUBLIC *Lida DiCarlo*

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ADJ1700000002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

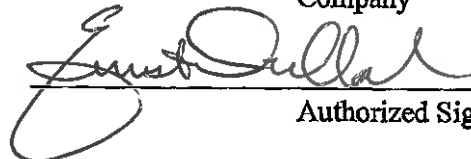
(Check the box next to each addendum received)

- | | |
|----------------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

McKinley & Associates, Inc.

Company



Authorized Signature

16 August 2016

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

WV Licenses & Registrations

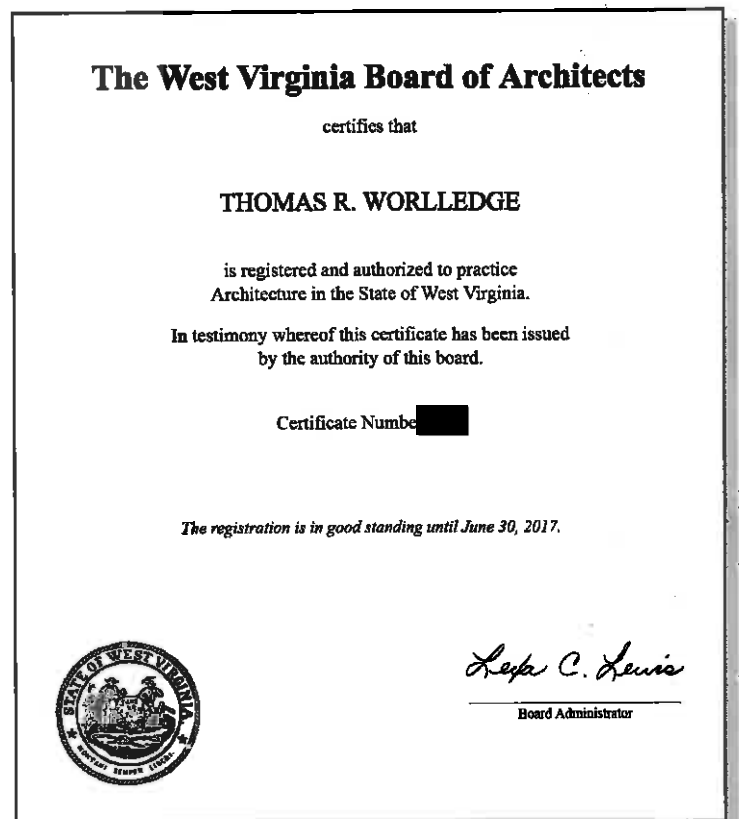
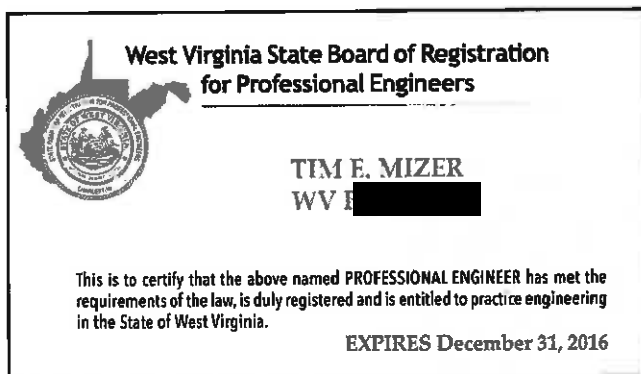
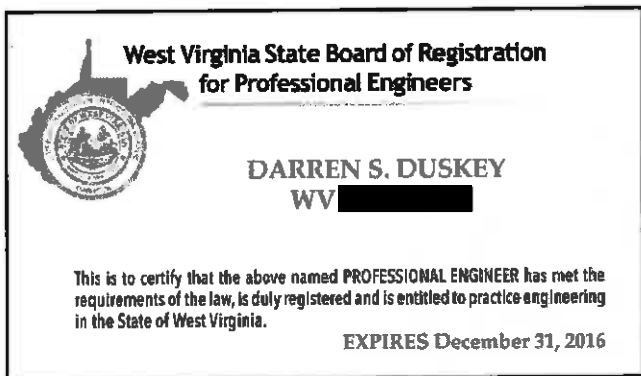
For your convenience, you will see copies of our key individual's and firm's various licenses & registrations as evidence that we are currently registered in the State of West Virginia.

On this page is Darren Duskey's (*your project manager / Electrical Engineer*) West Virginia State Board of Registration for Professional Engineers (WV PE #015507), Tim Mizer's (*Architectural Engineer*) West Virginia State Board of Registration for Professional Engineers (WV PE #013169), and Thom Worlledge's (*Architect*) Registration and Authorization to Practice Architecture in West Virginia (Certificate #2874).

On the following pages, you will see our firm's Certificate of Incorporation, Certificate of Good Standing, Business Registration Certificate, and Certificate of Authorization for providing Engineering Services in West Virginia.

We would be happy to provide you with copies of other Professionals' licenses if you wish to see them.

In addition, a listing of all the professionals' certifications, degrees, and licenses are found on their resumes in the "Design Team" tab.



WV Licenses & Registrations

BOOK 66 PAGE 793



*J. Ken Hechler, Secretary of State of the
State of West Virginia, hereby certify that*

by the provisions of Chapter 31, Article 1, Sections 27 and 28 of the West Virginia
Code, the Articles of Incorporation of

McKINLEY & ASSOCIATES, INC.

conform to law and are filed in my office. I therefore declare the organization to
be a Corporation for the purposes set forth in its Articles, with the right of perpetual
existence, and I issue this

CERTIFICATE OF INCORPORATION

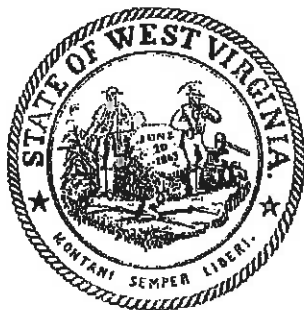
to which I have attached a duplicate original of the Articles of Incorporation.

*Given under my hand and the
Great Seal of the State of
West Virginia, on this*

FIFTEENTH day of
DECEMBER 19 89

Ken Hechler

Secretary of State.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WV Licenses & Registrations

State of West Virginia



Certificate

*I, Natalie E. Tennant, Secretary of State of the
State of West Virginia, hereby certify that*

MCKINLEY & ASSOCIATES, INC.

was incorporated under the laws of West Virginia and a Certificate of Incorporation was issued by the West Virginia Secretary of State's Office on December 15, 1989.

I further certify that the corporation has not been revoked by the State of West Virginia nor has the West Virginia Secretary of State issued a Certificate of Dissolution to the corporation.

Accordingly, I hereby issue this

CERTIFICATE OF EXISTENCE

Validation ID:0WV3W_CQTDH



*Given under my hand and the
Great Seal of the State of
West Virginia on this day of
October 27, 2015*

Natalie E. Tennant

Secretary of State

Notice: A certificate issued electronically from the West Virginia Secretary of State's Web site is fully and immediately valid and effective. However, as an option, the issuance and validity of a certificate obtained electronically may be established by visiting the Certificate Validation Page of the Secretary of State's Web site, <https://apps.wv.gov/sos/bus/assessmtysearch/validate.aspx> entering the validation ID displayed on the certificate, and following the instructions displayed. Confirming the issuance of a certificate is merely optional and is not necessary to the valid and effective issuance of a certificate.

WV Licenses & Registrations

**WEST VIRGINIA
STATE TAX DEPARTMENT
BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**MCKINLEY & ASSOCIATES INC
32 20TH ST
WHEELING, WV 26003-3750**

BUSINESS REGISTRATION ACCOUNT NUMBER: **1040-9524**

This certificate is issued on: **06/28/2011**

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

**This certificate is not transferrable and must be displayed at the location for which issued.
This certificate shall be permanent until cessation of the business for which the certificate of registration
was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.**

**Change in name or change of location shall be considered a cessation of the business and a new
certificate shall be required.**

**TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of
this certificate displayed at every job site within West Virginia.**

atl.006 v.4
L0539442304



WV Licenses & Registrations

CERTIFICATE OF

Authorization

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

MCKINLEY & ASSOCIATES, INC.

C00366-00

Engineer in Responsible Charge: TIM E MIZER - WV PE 013169

*has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2015 - December 31, 2017

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT

Insurance

Per your request, you will find copies of our various Insurance Coverages, including Commercial General Liability, Aggregate General Liability, Automobile Liability, and WV Statutory Requirements including WV Code 23-4-2 (Mandolidis) found on this page, as well as Professional Liability on the following page.

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

05/02/2016

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 Paul Associates 1311 Chaplina Street P. O. Box 990 Wheeling, WV 26003-0123	CONTACT NAME: III, Lee Paul	
	PHONE (A/C, No, Ext): 304.233.3303 FAX (A/C, No): 304.233.3333 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:	
INSURED McKinley & Associates, Inc. The Maxwell Centre 32-20th Street Wheeling, WV 26003	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Cincinnati Insurance Co.	10677
	INSURER B: Brickstreet Ins	Brick
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** 15/18 Liab w/workers comp **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 ISURR INSR, WV	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENTL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LDC		EPP0146335	06/15/2015	06/15/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/DP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		EPP0146335	06/15/2015	06/15/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE \$ RETENTION \$		EPP0146335	06/15/2015	06/15/2018	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WCB1018014	12/30/2015	12/30/2016	WC STATUTORY LIMITS 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 (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Specimen copy to be held by McKinley and Associates.

CERTIFICATE HOLDER

CANCELLATION

Specimen	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 <i>Lee C Paul III 5/2/2016</i>
----------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ACORD 25 (2009/09)

The ACORD name and logo are registered marks of ACORD

© 1988-2009 ACORD CORPORATION. All rights reserved.

Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/9/2015

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 James B. Oswald Company 1100 Superior Avenue, Suite 1500 Cleveland OH 44114		CONTACT NAME: Patricia Cholewa PHONE (A/C No. Ext): 216-839-2807 FAX (A/C No): E-MAIL ADDRESS: PCholewa@oswaldcompanies.com	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A: Continental Casualty Co.	18313
INSURED MCKIN-1 McKinley & Associates, Inc. 32 20th Street #100 Wheeling WV 26003		INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 149514368

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/POP AGG \$	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$	
A	Professional Liability Claims Made Retro Date: 9/10/1981	N	Y	AEH591893924	10/10/2015	10/10/2016	Each Claim \$1,000,000 Aggregate \$1,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Waiver of Subrogation as designated above is provided when required of the Named Insured by written contract or agreement.

CERTIFICATE HOLDER Specimen For Purposes of Evidencing Coverage Only WV 26003	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
---------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

