



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

[List View](#)**General Information** [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 949831

Procurement Type: Central Purchase Order

Vendor ID: 000000206862 

Legal Name: MCKINLEY AND ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 10/25/2021 

Response Time: 15:09

Responded By User ID: dcarenbauer 

First Name: David

Last Name: Carenbauer

Email: dcarenbauer@mckinleya

Phone: 304-233-0140

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2200000007

Published Date: 10/14/21

Close Date: 10/28/21

Close Time: 13:30

Status: Closed

Solicitation Description: AASF1 & AASF2 Unheated Aircraft Storage Design  

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 949831
Solicitation Description: AASF1 & AASF2 Unheated Aircraft Storage Design
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2021-10-28 13:30	SR 0603 ESR10252100000002594	1

VENDOR
 000000206862
 MCKINLEY AND ASSOCIATES INC

Solicitation Number: CEOI 0603 ADJ2200000007
Total Bid: 0
Response Date: 2021-10-25
Response Time: 15:09:06
Comments: A hard copy is in the mail

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	AASF1 & AASF2 Unheated Aircraft Storage Design				

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments: We chose "No Bid" because this is for Architectural/Engineering Services, and does not warrant a bid price.

Extended Description:

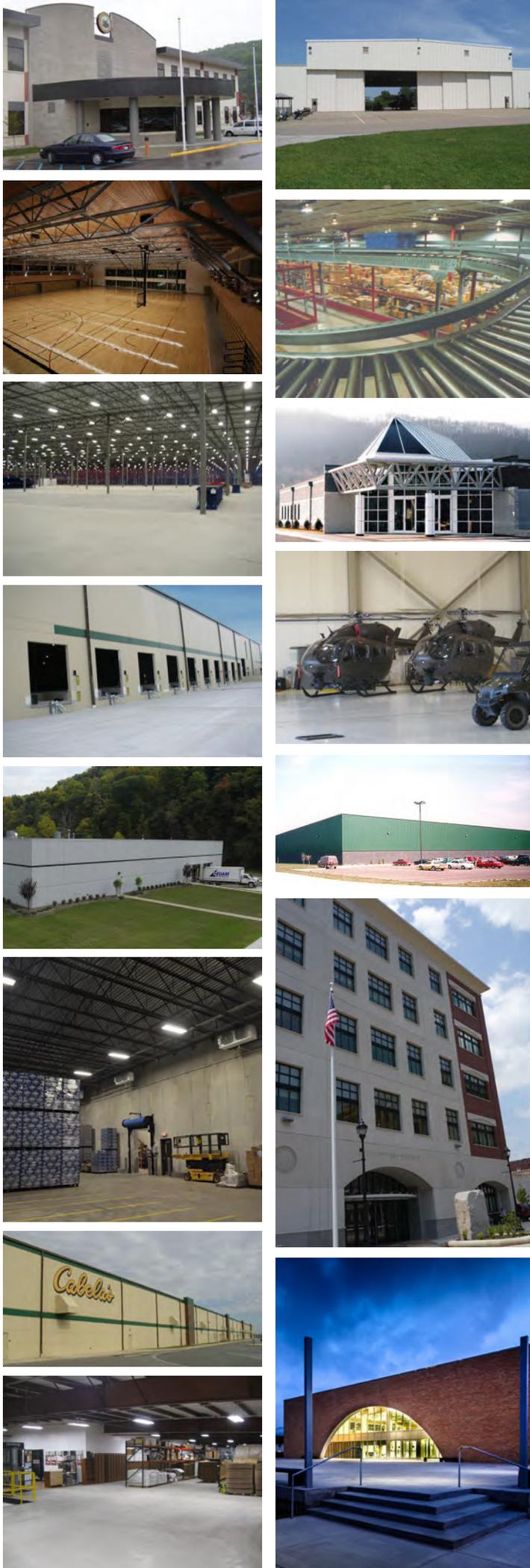
Provide professional architectural and engineering design services per the attached documentation.

West Virginia Army National Guard



CEOI 0603 ADJ2200000007

AASF1 & AASF2
Unheated Aircraft Storage Design



25 October 2021

David H. Pauline
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Dear Mr. Pauline and Members of the Selection Team,

McKinley Architecture and Engineering is pleased to provide the West Virginia Army National Guard with our Expression of Interest to provide professional architectural/engineering design services to design new 15,000 square foot unheated storage facilities for aircrafts at AASF#1 & AASF#2. As you review this submission, we emphasize the following strengths of McKinley Architecture and Engineering with respect to your project:

McKinley Architecture and Engineering (*McKinley & Associates*) is a **full service Architectural / Engineering** firm that has been providing design services since 1981. We are excited to announce that for the **2nd consecutive year**, McKinley Architecture and Engineering appears on the **Inc. 5000 list** the most prestigious ranking of the nation's fastest-growing private companies! With offices in **Wheeling** and **Charleston, WV** and **Pittsburgh, PA**, we support a professional staff of **Architects, Engineers, Construction Administrators, LEED Accredited Professionals specializing in Building Design and Construction, a Qualified Commissioning Process Provider**, and more.

Collectively, with our Wheeling and Charleston offices, the geographical **proximity** of our firm is only 23 miles to the AASF#2 in Wheeling, and 83 miles away to the AASF#1 in Williamstown. By virtue of our proximity, we can provide project services in an **economical, effective** and **efficient** manner, while also responding **expeditiously** to your project's needs.

We have designed several **large-span metal buildings**, from storage buildings to manufacturing plants to distribution centers, and more. This has included designing pre-engineered metal buildings, high ceilings, garage doors of varying heights and widths, floors and foundations to withstand heavy loads, specialty HVAC systems (vehicle exhaust, etc.), and more.

In closing, we love what we do, so we care about the results you get. We are ready to begin **immediately** and will **meet all your Project Goals and Objectives**. Thank you for reviewing our submission and considering McKinley Architecture and Engineering for your project.

Personal Regards,



Ernest Dellatorre
Director of Business Development
McKinley Architecture and Engineering
(304) 233-0140 x115

Firm History

Founded in 1981, McKinley Architecture and Engineering is a multi-discipline full service **Architectural & Engineering** firm, offering comprehensive **professional services in Architecture, Engineering, Energy Efficient and Sustainable (LEED) Design, Commissioning, Construction Administration, Learning Environment and Educational Facility Planning, Graphic Design, and Historic Preservation.**

We have a broad range of skill and experience for projects involving **governmental, warehouse, industrial, commercial/office, emergency service**, PK-12 schools, higher educational, sports & recreation, medical, private sector, and much more.

Over the years, our firm won multiple **State and National awards and recognitions** for our works.



Firm Information

Ernest Dellatorre
Director of Business Development

Tim Mizer, PE, RA, QCxP
Director of Engineering Services

Patrick J. Rymer, AIA, ALEP
Director of Architectural Services

Date of Incorporation

July 1, 1981
Wheeling, West Virginia

Professionals on Staff

Architects
Engineers
Arch./Eng. Designers
LEED AP BD+C's
Historic Preservationist
Construction Admins.
HVAC Commissioning Provider
Interior Designer
SAP Evaluator
ALEP (CEFP)
REFP

Locations

32 Twentieth Street
Suite 100
Wheeling, WV 26003
P: 304-233-0140
F: 304-233-4613

129 Summers Street
Suite 201
Charleston, WV 25301
P: 304-340-4267

5000 Stonewood Drive
Suite 220
Wexford, PA 15090
P: 724-719-6975

Credentials

McKinley Architecture and Engineering is a member of the following **organizations**:

A4LE (formerly CEFPI), ACI International, AIA, ASCE, ASHRAE, ASPE, AWI, BOCA, NCARB, NFPA, WVEDC, and more

Follow Us

www.McKinleyDelivers.com

www.Facebook.com/McKinleyDelivers

www.Linkedin.com/company/McKinleyDelivers

Instagram: @McKinleyDelivers



Commissioning

On staff, we have a **Qualified Commissioning Process Provider** who can provide independent commissioning services, not only on new facilities but also existing facilities.

This professional is **Tim E. Mizer, PE, RA, QCxP**. His **QCxP accreditation** was earned at the University of Wisconsin-Madison. He has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently, and has a comprehensive knowledge of the full American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Commissioning Process. From this, we commission the project to ensure everything is working properly, and to teach the maintenance personnel how to use the machinery and gives them all the correct manuals.



For existing buildings, the commissioning provider can troubleshoot the existing systems to determine the fault of non-performing equipment or the reasons for uncomfortable spaces.

For new buildings and their systems, commissioning entails the review of the design plans, verifying the installations, and the oversight of the testing of the mechanical and electrical systems to ensure the owner is getting the type and quality of product expected.



Leadership in Energy and Environmental Design



LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings (www.usgbc.org). In January 2001, our firm was the **first organization in West Virginia to join the USGBC**. No other WV firm joined until nearly 2 years later! We have **LEED Accredited Professionals** on staff, along with our skilled architectural/engineering team, who will efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.



We have **LEED® Accredited Professionals**, including 3 who are **specialized in Building Design & Construction:**

- Kurt A. Scheer, PE, LEED AP
- Christina Schessler, AIA, LEED AP BD+C
- Jeffrey W. Wessel, AIA, LEED AP BD+C
- Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Our **LEED Certified** Projects are (LEED Rating System in parentheses):

-  **Hilltop Elementary School** in Sherrard, WV (LEED for Schools 2.0)
-  **Building 55: West Virginia State Office Complex** in Logan, WV (LEED NC 2.2)

All of our **LEED Registered** Projects are (LEED Rating System in parentheses):

- Bellann in Oakhill, WV (LEED EB O&M)
- Cameron Middle/High School in Cameron, WV (LEED for Schools 2.0)
- SMART Office in Williamson, WV (LEED CI)

The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field.



The LEED AP BD+C designation that both Christina and Thom have achieved represents specialization in commercial design and construction.



Thomas R. Worlledge, AIA, LEED AP BD+C, REFP has been a member of the USGBC since 2001; he was the first LEED Accredited Professional in the state of West Virginia! As a professional trainer for the Sustainable Building Industries Council, he teaches other design professionals in the art of High Performance School design. He is also a Founder & Chairman of the Board for the US Green Building Council's West Virginia Chapter.



Christina Schessler, AIA, LEED AP BD+C has been a member of the USGBC since 2009. In 2012 she received her Masters in Historic Preservation, so not only can she incorporate LEED "Green" aspects into new buildings; she can even incorporate energy efficient design into renovation/preservation projects. Twenty percent of a building's energy consumption is embodied in the existing physical structure itself!

Sustainable “Green” Design

Buildings designed today will need to meet the demands of the future; McKinley Architecture and Engineering identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings’ long-term profitability and value, which achieves the buildings’ **sustainability**.

McKinley approaches ecological design from a business perspective, offering **proactive** solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local designers to provide sustainable design and construction guidance. We also offer full architectural design services and guided design workshops on sustainable design issues.

Our Philosophy is to provide our clients with experienced leadership as well as state-of-the-art and **innovative** design expertise to accomplish the goals of your projects. Function, economics and versatility, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

For a few recent sustainable awards, McKinley Architecture and Engineering was



presented with the **2019 Governor’s Award for Leadership in Buildings Energy Efficiency** at the 2019 Innovation & Entrepreneurship Day at the Capitol! We were recognized for our commitment to sustainability and energy efficiency in the design of office buildings, schools, multi-use facilities, and a wide variety of commercial, industrial, **government**, and historical structures.

Our designs have also won **West Virginia Department of Environmental Protection’s Clean Energy Environmental Award, 2 Black Bear Awards for the Highest Achievement** for the WV

Sustainable Schools program, **2 U.S. Department of Education Green Ribbon Schools**, and a **Gold Medal Green Building Award** by Building of America, among others!

We also have a project that is **Collaborative for High Performance School (CHPS) Registered**; the United States’ first green building rating program designed for schools.

Furthermore, we have designed 4 projects listed on the **U.S. Environmental Protection Agency’s ENERGY STAR** program: Building 55: West Virginia State Office Complex in Logan, Hilltop Elementary School, Cameron Middle/High School, and Johnson Elementary School. To receive an ENERGY STAR, you need to perform in the top 25% of the most energy efficient projects in the program. **Building 55: West Virginia State Office Complex** is one of the most energy efficient buildings in the State, and is in the **Top 5%** of all Energy Star rated buildings in the Country!



Interior Design



Basic interior services begin with a strategy session designed to **determine the owner's project requirements, timetable and budget.** The interviews will include **analyzing space requirements, operating procedures, communication relationships and future needs.** Inventory of existing conditions are used to develop accurate drawings and plans.

Application of current ADA and building codes will be applied to the developed plans for **way finding** (signage, directories, fire escape plan), furnishings and finishes.



Attention to budget and maintenance is given in relationship to owner needs.

Construction documents required to detail the project include schedules, elevations, plans, presentation boards and specifications. To maintain coordination, the follow up contract administration consists of submittal review, post construction evaluation and coordination of FF&E contracts when applicable.



Construction Administration & On-Site Representation

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 CAs 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.



Project Manager / Point of Contact

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

Architectural Team

Thomas R. Worledge, AIA, LEED AP BD+C, REFP
Project Architect for for AASF#1 / Senior Architect / LEED Accredited Professional specializing in Building Design & Construction

Steven A. Sweeney, AIA, NCARB
Project Architect for for AASF#2 / Senior Architect

Engineering Team

Tim E. Mizer, PE, RA, QCxP
Director of Engineering Services / Architectural Engineer / Architect / Qualified Commissioning Process Provider

Kurt A. Scheer, PE, LEED AP
Senior Mechanical Engineer / LEED Accredited Professional

Scott D. Kain
Senior Plumbing Engineering Designer

Michael J. Clark
Senior Electrical Engineering Designer

Richard G. Berger
Senior Mechanical Engineering Designer

David A. Ullom
Mechanical & Fire Protection Engineering Designer

Construction Administration

Robert E. "Bob" Smith

* McKinley Architecture and Engineering is willing to dedicate more professionals if they are needed; including more Architects, Designers, AIA Safety Assessment Program (SAP) Evaluator, LEED Accredited Professionals, CAs, and more.

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

Senior 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 Planner

Former voting member:

ASHRAE 90.1 International Energy Code
Committee

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
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:

Thom is a skilled **Architect (AIA)**, a **LEED Accredited Professional with a specialization in commercial building design and construction (LEED AP BD+C)**, and a **Recognized Educational Facility Planner (REFP)**. He is a registered architect in 5 states, including West Virginia. Mr. Worlledge is a former voting member of the ASHRAE 90.1 Standards committee that forms the basis of the International Energy Code. He was also the president of the state chapter of the AIA. Mr. Worlledge has been involved in design of projects ranging in from a small home additions (one of which was featured on HGTV's New Spaces Show) to multimillion dollar projects such as the \$20 million Parkersburg High School renovation/addition and historic preservation project, the fast-tracked \$6 million WVU IOT Maclin Hall renovation project, the **LEED Certified Building 55: West Virginia State Office Complex** in Logan, and the \$30 million Fairmont State University 3 building "University Terrace" Student Housing College Apartments Complex to name a few. Thom won a 2013 Placemaker Award for "Leadership, Inspiration, Stewardship" from West Virginia GreenWorks, at The Building Conference in Morgantown; moreover, 3 of his projects (NēD Natural Energy Design Building, Hilltop Elementary School, and Williamson SMART Office) all won Placemaker Awards. The **LEED Certified Hilltop Elementary School** won multiple State and National awards and recognitions.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

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

West Virginia State Police - Open-End A/E contract / multiple projects across WV, including WVSP Academy's renovations to Buildings A, B, & C; new Buildings D & Multi-Purpose Building. New Logan Detachment

WVDHHR's new Ohio County office fit-out / renovations

United States Postal Service - Open-End IDIQ (Indefinite Delivery / Indefinite Quantity) contract / multiple projects across WV

West Virginia School Building Authority - New construction & renovations for multiple districts, including Boone, Hancock, Harrison, Marshall, Ohio, & Wood County Schools. Projects cost up to \$20+ million

Veterans Affairs Medical Centers - multiple VAMCs around WV and PA

West Virginia University - Open End A/E contract / University Police Building office fit-out & WVU Tech's Maclin Hall Dormitory renovations

Fairmont State University - "University Terrace" College Student Housing Apartments 3 Building Complex (\$30 million)

West Virginia State University - Gus R. Douglass Economic Development Center (DigiSo) renovations/repurpose

Charleston Enterprise Center office renovation (**2009 WV AIA Design Award winner / energy efficient "green" design**)

Natural Energy Design (NēD) Building (**2013 Placemaker Award**)

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

Steven A. Sweeney, AIA, NCARB

Senior Architect

EDUCATION:

Tulane University
Masters of Architecture - 1981

University of Pittsburgh
B.A. Studio Arts - 1975

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

Louisiana (1985)
Pennsylvania (1986)
Ohio (2005)
West Virginia (2006)
Delaware (2006)
New Jersey (2006)
New York (2007)
Iowa (2007)
Indiana (2014)
Illinois (2014)
Florida (2014)
Colorado (2014)
Michigan (2015)
North Carolina (2015)
Virginia (2015)
Kentucky (2019)

Member:

The American Institute of Architects

NCARB

OSHA 10 General 2018

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Senior Architect
Wheeling, WV (2019 to present)

VETS Technical Services,
LLC Architects & Engineers
Project Manager / Pittsburgh Office
Manager
McMurray, PA (2012-2019)

Lone Pine Construction, Inc.
Architect / Estimator Assistant
Bentleyville, PA (2011-2012)

SUMMARY OF EXPERIENCE:

Mr. Sweeney is a **Architect** with over 35 years of experience, who is committed to design and construction integrity and project excellence. He is a people-oriented team leader who takes projects from cradle to grave in an efficient and forward looking fashion. He is a robust multi-tasker with an innate ability to sort through technical and personal project issues to keep the team on task and on schedule. Mr. Sweeney has completed design, specifications, working drawings, construction management / observation / inspection for health care, commercial, industrial, multi-family/large-scale private residential, schools, as well as retail and commercial offices including interiors.

NOTABLE PROFESSIONAL EXPERIENCES:

TSItouch Manufacturing Facility and Administrative Offices

Bayer Heritage Federal Credit Union - Executive Office Complex

Jefferson County Jail Pod Remodel

Hampshire County Schools - Comprehensive Educational Facilities Plan

Marshall County Schools - Comprehensive Educational Facilities Plan

Ohio County Schools - Elm Grove Elementary School renovations

Ohio County Schools - Madison Elementary School renovations

Ohio County Schools - Middle Creek Elementary School renovations

Ohio County Schools - Steenrod Elementary School cafeteria addition & renovations

Ohio County Schools - Triadelphia Middle School annex addition & renovations

Ohio County Schools - Warwood School renovations

Ohio County Schools - West Liberty Elementary School renovations

Ohio County Schools - Wheeling Park High School addition and renovations

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

VETS Technical Services, LLC Architects & Engineers*

Responsible for managing multimillion dollar government healthcare projects encompassing five different locations in Pennsylvania and West Virginia. Projects involve: complete building facade renovations, 100% building demolitions, total health care Hospital building floor plan improvements, complete update of building standards and 10 year facility campus plan. Also provided expert Architectural consultation for \$5.5M State funded Senior Living Facilities of new and existing multi story construction projects.

** previous work experience with a firm other than McKinley Architecture and Engineering*

Tim E. Mizer, PE, RA, QCP

Architectural Engineer / Architect / Commissioning Provider

Director of Engineering Services

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
Ohio
West Virginia

Registered Architect in:
Ohio

**Qualified Commissioning Process
Provider**

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Director of Engineering Services
Architect / Engineer
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:

Mr. Mizer is a very talented and unique professional being both a **Professional Engineer** and a **Registered Architect**. He joined McKinley Architecture and Engineering in 1995, and has over 30 years of experience. Mizer's background as 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, he is also a **Qualified Commissioning Process Provider**, and has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. As the Director of Engineering Services, 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:

West Virginia Army National Guard - multiple projects, including AASF#1 Maintenance Hangar & Garage renovations

Panhandle Cleaning & Restoration warehouse & office building

Cabela's Eastern Distribution Center

Carenbauer's Distribution Warehouse

United States Postal Service - multiple projects, including Processing & Distribution Centers

Mattern Tire Service Center

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

Building 34: WV State Office Complex in Weirton

WVU State Fire Training Academy

Wheeling Island Fire Station

West Virginia State Police - multiple projects

Raleigh County Emergency Services Authority

Nicholas Co. Division of Homeland Security & Emergency Management

The Towers Building renovations

Jefferson County Jobs & Family Services renovations

Harrison County Jobs & Family Services renovations

Holiday Inn Express & Suites - multiple projects

Boone County Schools - multiple projects

Brooke County Schools - multiple projects

Grant County Schools - multiple projects

Hancock County Schools - multiple projects

Marshall County Schools - multiple projects, including LEED Certified

Ohio County Schools - multiple projects

Kurt A. Scheer, PE, LEED AP

Senior Mechanical Engineer / LEED Accredited Professional

EDUCATION:

Penn State University
B.S. Architectural Engineering - 2001

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
Pennsylvania
West Virginia

Member:
US Green Building Council

ASHRAE

ASPE

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Senior Mechanical Engineer
Wexford, PA (2020 to present)

Allen & Shariff Corporation
Senior Mechanical Engineer
Pittsburgh, PA (2018-2020)

BDA Engineering, Inc.
Senior Mechanical Engineer
Homestead, PA (2006-2018)

Allen & Shariff Corporation
Mechanical Engineer
Pittsburgh, PA (2004-2006)

LLI Technologies, Inc.
Mechanical Engineer
Pittsburgh, PA (2001-2004)

SUMMARY OF EXPERIENCE:

Mr. Scheer is a **Mechanical Engineer** with 20 years of experience in the Architectural Engineering industry with a focus on mechanical systems design. In addition, Kurt has overseen electrical, plumbing, and fire protection engineering for all his projects for 15 years. Market sectors such as hospitality, higher education, and commercial office are areas where he has significant experience. Additionally, Mr. Scheer has experience with **LEED Certified** projects and energy modeling.

NOTABLE PROFESSIONAL EXPERIENCES:

City of Moundsville - Municipal/Public Safety Building

Tyler County Commission - Judicial Annex Building

Brooke County Judicial Courthouse renovations

Nicholas County Division of Homeland Security & Emergency Management - E911 and Emergency Operations Center

Light of Life Rescue Mission

Fayette County Schools - NEW Meadow Bridge School PK-12 School & School Based Health Clinic

Harrison County Schools - Gore Elementary School build-out renovation / addition

Harrison County Schools - NEW Lost Creek Elementary School

Ohio County Schools - Warwood School renovations

Ohio County Schools - Wheeling Park High School Athletic Complex

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

Fort Henry Building - Fourth Floor office build-out

City of Weirton - Park Drive / Three Springs Drive Development

YWCA Renovations

Allen & Shariff Corporation*

Some notable projects are the historic Pittsburgh Athletic Association high rise renovation, the new Bakers Crossing apartments and retail spaces (Nashville, TN), City of Pittsburgh Building @ 412 Blvd of the Allies (LEED Commercial Interiors), several urban multifamily projects, and several retail projects and commercial projects ranging in size from 5,000 - 50,000 square feet.

** previous work experience with a firm other than McKinley Architecture and Engineering*

Scott D. Kain

Senior Plumbing Engineering Designer

EDUCATION:

Technology Education College /
Ohio State University
Associates in Mechanical Design - 1996

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Engineering Designer
Wheeling, WV (2001 to present)

HAWA Inc.
Mechanical Designer
Columbus, OH (1998-2001)

Autotool Inc.
Engineer
Columbus, OH (1995-1998)

SUMMARY OF EXPERIENCE:

Mr. Kain is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in electrical, plumbing, and fire protection. He has been utilized for various McKinley Architecture and Engineering' projects that needed additional mechanical, structural, and architectural manpower. In addition, Mr. Kain has also provided 3D renderings, to aid in business development, during his long tenure at McKinley Architecture and Engineering.

NOTABLE PROFESSIONAL EXPERIENCES:

WV Army National Guard - multiple projects / new & renovations
United States Postal Service - multiple projects / new & renovations
Panhandle Cleaning & Restoration warehouse/garage/office building
Cabela's Eastern Distribution Center
Carenbauer's Distribution Warehouse
Steel Valley Regional Transit Authority
West Virginia University - new State Fire Training Academy
Wheeling Island Fire Station
West Virginia State Police - multiple projects / new & renovations
Boone County Schools - multiple projects
Brooke County Schools - multiple projects
Grant County Schools - multiple projects
Hancock County Schools - multiple projects
Marshall County Schools - multiple projects, including LEED Certified
Ohio County Schools - multiple projects
Tyler County Schools - multiple projects
Wetzel County Schools - multiple projects
Wood County Schools - multiple projects
Building 55: WV State Office Complex in Logan (LEED Certified)
Building 34: WV State Office Complex in Weirton
Wheeling Island Hotel•Casino•Racetrack multiple projects
Orrick's Global Operations Center
Millennium Centre Technology Park
Holiday Inn Express & Suites - multiple projects in 4 States
Cadiz Presbyterian Church Maintenance master plan
Jefferson County (OH) Jobs & Family Services renovations
Harrison County Jobs & Family Services renovations
Charleston Enterprise Center renovations (2009 WV AIA Design Award)

Michael J. Clark Sr.

Senior 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 Architecture and Engineering
Electrical Engineering Designer
Wheeling, WV (2012 to 2018, 2020 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, Electromechanical Repairs, Blueprints & Schematics, Generators & Transformers, Switches & Circuit Breakers, Electrical Code, Safety & QA, Wiring Diagrams, Troubleshooting, Testing Instruments, Motors & Conduit, CAD-2D/3D, Welding, & Residential construction.

NOTABLE PROFESSIONAL EXPERIENCES:

Tyler County Commission - Judicial Annex & Sheriff's Office
Building 55: WV State Office Complex in Logan (LEED Certified)
City of Moundsville - New Municipal Public Safety Bldg
Belmont County Divisional Courts & Offices renovations
Jefferson County (OH) Courthouse upgrades and Annex demo
Brooke Co. Commission - Judicial Center & Historic Courthouse
Holiday Inn Express Hotels - on-call contract / multiple projects
City of Steubenville - 5 Parks Lighting and Security project
Franciscan University OP#1 Multi-tenant Retail Building
Franciscan University OP#2 Office / Retail Building
Brooke County Schools - NEW Brooke Middle School
Grant County Schools - Maysville Elementary renovations & Union Educational complex addition/renovations
Hampshire County Schools - NEW Animal Vet Science Center
Hancock County Schools - several projects, including the NEW Weirton Elementary School
Harrison County Schools - NEW Johnson Elementary
Wheeling Island Hotel•Casino•Racetrack - multiple projects
WVDRS Wheeling District's new office space fit-out
Carenbauer Wholesale Corporation warehouse addition/renovations
Bennett Square office build-out
Ft. Henry Building - multiple tenants fit-outs

Richard G. Berger

Senior Mechanical Engineering Designer

EDUCATION:

CCAC of Allegheny County
Concentration: HVAC

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Pennsylvania Sheet Metal Journeyman License
Volunteer Fireman (retired)

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Senior Engineering Designer
Wexford, PA (2020 to present)

CJL Engineering
Lead HVAC Senior Mechanical Designer
Moon Township, PA (2019-2020)

Lovorn Engineering
Lead HVAC Senior Mechanical Designer
Blawnox, PA (2013-2019)

Stantec Corporation (formerly Burt Hill)
Lead HVAC Mechanical Designer
Butler, PA (1997-2013)

Peter F. Loftus division of Eichleay Engineers
Lead HVAC Mechanical Designer
Pittsburgh, PA (1989-1997)

SSM Industries, Inc.
Sheet Metal Professional Licensed Journeyman
Pittsburgh, PA (1979-1989)

SUMMARY OF EXPERIENCE:

Mr. Berger is a mechanical engineering professional with over 35 years of experience in HVAC design. His skills include Revit, AutoCadd, Microstation CADD, HVAC duct work and piping design, HVAC calculations, project management, and HVAC and piping field experience. Rich is a Professional Sheet Metal Journeyman license Sheet Metal Workers Local 12. Have designed for healthcare, K-12 schools, universities, high rise commercial, lab renovations and hotels.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering

City of Moundsville - Municipal/Public Safety Building

Tyler County Commission - Judicial Annex Building

Brooke County Judicial Center Courthouse

Fayette County Schools - NEW Meadow Bridge School PK-12
School & School Based Health Clinic

Harrison County Schools - Gore Elementary School build-out
renovation / addition

Wetzel County Schools - Short Line School HVAC

Steubenville City School District - Steubenville High School
commons renovations

CJL Engineering*

Mr. Berger was the Lead HVAC Senior Mechanical Designer for Healthcare/Commercial/Restaurants. Projects have included Hospital related area design, PNC Bank Scranton multi-story office, Parkway West Tech Center, Erie Water Works, and more.

Lovorn Engineering*

Mr. Berger was the Lead HVAC Senior Mechanical Designer for Healthcare/Commercial/Restaurants. Projects have included OR design, MRI design, Radiology department, Central Sterile, Higher education institutions, Restaurants, Hotels/Motels, and more.

Stantec Corporation (formerly Burt Hill)*

Lead HVAC Mechanical Designer for the Healthcare Division. His projects have included but are not limited to OR design, MRI design, Radiology departmental, Central Sterile, lab design, Higher education institutions, Cornell University Sciences Building, Beachwood Ohio High School renovation, UPMC Biomedical science tower and Scaife Hall lab renovations.

** previous work experience with a firm other than McKinley Architecture and Engineering*

David A. Ullom

Mechanical Engineering Designer

EDUCATION:

Fairmont State University
B.S. Mechanical Engineering Technology - 2011

Pierpont Community and Technical College
Associates Degree in Applied Sciences:
Drafting and Design - 2011

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Engineering Designer
Wheeling, WV (2019 to present)

Kennametal Inc.
Sales Engineer (2016-2019)
Applications Engineer (2012-2016)
Latrobe, PA

Marion County Assessors Office
Map Developer
Fairmont, WV (2010-2012)

SUMMARY OF EXPERIENCE:

Mr. Ullom is a results-driven individual who prioritizes safety, cost-effective solutions, and exceeding customer expectations. He is proficient in Autocad, Inventor, and Revit software. David also has experience as a Sales Engineer, Applications Engineer, and Map Developer, which provides an unique understanding for problem solving.

NOTABLE PROFESSIONAL EXPERIENCES:

Belmont County Divisional Courts renovations

Jefferson County Justice Center renovations

Trinity Health System - Crisis Rehabilitation Unit

Ft. Henry Building renovation

General Services Administration - Social Security
Administration's Wheeling, WV Office

Fayette County Schools - New Meadow Bridge K-12 project

Harrison County Schools - Lost Creek Elementary addition and
renovations

Harrison County Schools - Gore Elementary addition and
renovations

Ohio County Schools - Bethlehem Elementary renovations

Ohio County Schools - Bridge Street Middle renovations

Ohio County Schools - Elm Grove Elementary renovations

Ohio County Schools - Madison Elementary renovations

Ohio County Schools - Middle Creek Elementary renovations

Ohio County Schools - Triadelphia Middle renovations and
additions

Ohio County Schools - Warwood Elementary and Middle School
renovations

Ohio County Schools - West Liberty Elementary renovations

Ohio County Schools - Wheeling Middle renovations

Ohio County Schools - Wheeling Park High renovations and
additions

Ohio County Schools - Woodsdale Elementary renovations

Tyler County Schools - New Bus Maintenance Facility

Mid-Ohio Valley Technical Institute (MOVTI) renovations

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

Village Administrator:
City of Mingo Junction (2015 to present)

Commander:
American Legion Post 351 (2008 to present)

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
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 Operations (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 has been a **Construction Administrator** at McKinley Architecture and Engineering for 10 years. Bob 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 has 23 years of direct supervisory experience, as well as 13 years of documented success as an Air Force Officer. 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.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - AASF#1 HVAC renovations

Cabela's Eastern Distribution Center

Steel Valley Regional Transit Authority

United States Postal Service - 2 Open-End IDIQ contracts /
multiple projects

The Towers Building renovations, multiple phases

City of Steubenville - multiple projects

Fairmont State University's new 3 building "University Terrace"
Student Housing Apartment Complex

Brooke County Schools - District-Wide Construction Program
(\$36 million), including new buildings, and renovations

Grant Co. Schools - multiple projects, including Maysville
renovations, & Union Educational Complex addition/renovations

Hancock Co. Schools - District-Wide Construction Program (\$56
million), including new buildings, renovations, and additions

Marshall Co. Schools - District-Wide Construction Program (\$38
million), including new buildings, renovations, and additions.
Also includes Hilltop Elementary (LEED Certified)

Marshall Co. Schools - Cameron High (LEED Registered)

Tyler Co. Schools - multiple projects

The Linsly School - 200th Anniversary Campaign, including
Banes Hall addition/renovations and Stifel Field House / Behrens
Memorial Gymnasium renovation

Jefferson County Courthouse renovations & Annex demo

Jefferson County Jobs & Family Services roof

Harrison County Courthouse roof

Cameron American Legion Exterior Renovations

Lincoln National Bank Building renovations

We feel that the best way to demonstrate our strengths and leadership in relevant projects is by referring to our past and present clients. So that you don't only have to take our word for it; here is a list of references that we encourage you to call:

*WVDOH Equipment Division Facility HVAC &
WVDOH District 6 HQ Complex HVAC*
Mr. Joshua Smith, PE
Acting Buildings & Grounds Program Manager
Maintenance Division
WVDOT Division of Highways
1900 Kanawha Boulevard, East
Building 5, Room 350
Charleston, WV 25305
304 / 887-2325

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

*Multiple USPS Projects throughout
West Virginia & Pennsylvania*
Mr. Bruce Adams
United States Postal Service
22681 Woodward Avenue
Ferndale, MI 48220-0867
248 / 677-9660

*Carenbauer Wholesale Corporation
Warehouse and Distribution Center*
Mr. Carl Carenbauer
Carenbauer Wholesale Corporation
1900 Jacob Street
Wheeling, WV 26003
304 / 232-0522

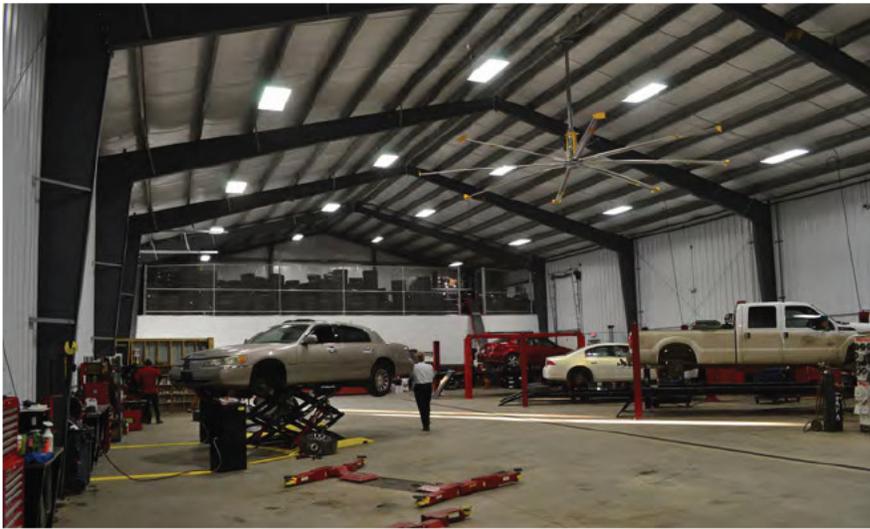
Mattern Tire Service Center Maintenance Garage

Location: Cadiz, Ohio

Contact: Mr. Frank Mattern
Mattern Tire
349 Lincoln Avenue
Cadiz, Ohio 43907
740/942-8895

Type of Project: Multiple-Bay Maintenance Garage / Office - Full A/E Services - New Construction

Project Description, Goals, and Objectives: Mattern Tire is a new \$1.2 million, ten bay **maintenance garage** building, with an **attached showroom** and **offices** (and restrooms, etc.). This is a **70' x 150' Pre-Engineered steel building** with a **single story masonry wall front face and storefront glass** in the showroom area of the building; with the **1,750 SF tire storage mezzanine**, the total structure is **12,250 SF**. This particular project obviously required much coordination between the **multiple intricate building systems within the Pre-Engineered metal building**. Therefore, the use of BIM as the design software on this project was decided upon and was used mostly for minimizing clash detection of the engineering systems.



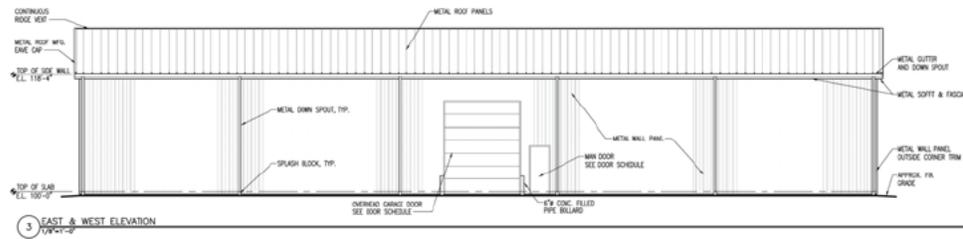
This building contains many **special items** that required extra coordination during the design phase including tire lift, compressed air system, (8) in-floor hydraulic lifts of differing size, in-floor Car-mon exhaust fume capture system, garage bay drainage system with oil interceptor, and waste oil heating boiler system utilizing radiant in-floor hydronic heating lines. This building also utilizes a heat pump for the cooling of the office showroom area and a large diameter low velocity circulation fan within the garage bay.



The Silver Companies' Moss Neck Farm Storage Building

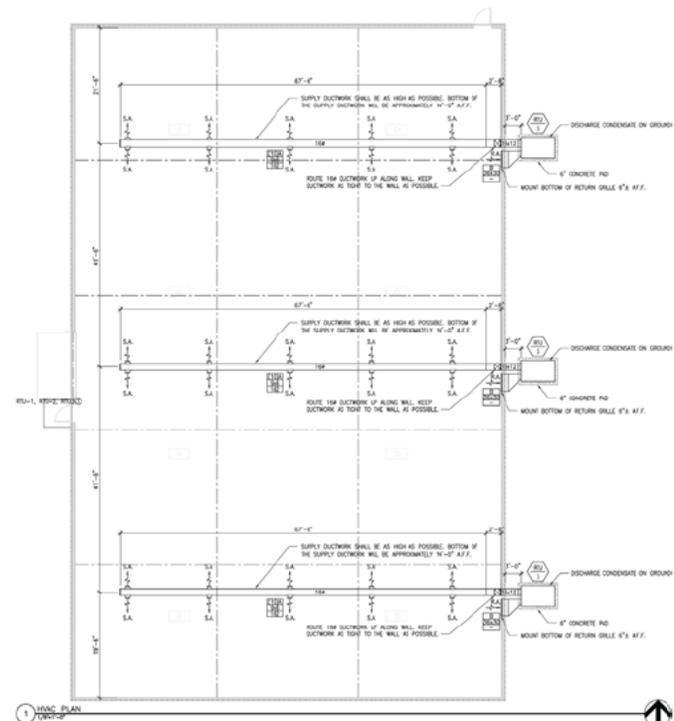
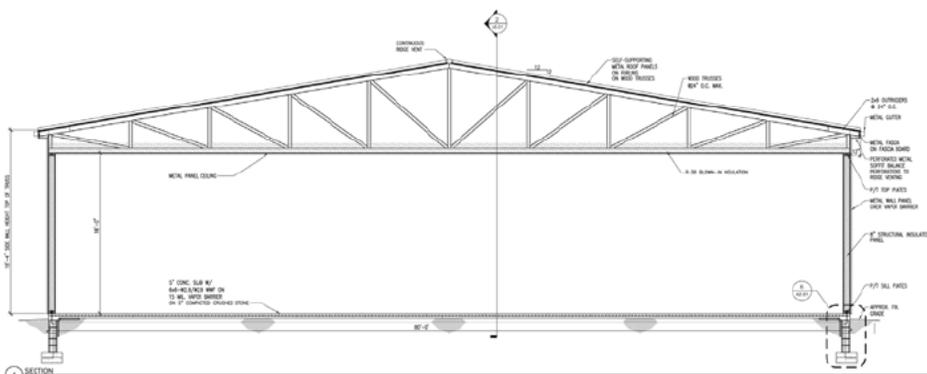
Location: Fredericksburg, Virginia

Contact: Mr. Chris Golden
 Construction Manager
 Silver Companies
 1201 Central Park Blvd.
 Fredericksburg, VA 22404
 540/785-3398



Type of Project: Storage Building - Full A/E Services - New Construction

Project Description, Goals, and Objectives: We completed Architectural and Engineering on a large 80' x 125' storage building at Moss Neck Farm; construction was completed in January 2014. The Silver Companies' goal was to store antique furniture in a **new storage building** with a **controlled HVAC system to deal with humidity and moisture**. This storage building included the following: a 10,000 SF clear span, SIPs panel building (Structural Insulated Panels) with wood roof truss framing; 16' high ceilings; footers based on structural needs; 5" concrete floor @ 3000 psi. with poly and welded wire on 4-5" of stone; 3 courses of 8" CMU foundation; 8" side walls; metal panel ceiling with blown-in insulation (R38); metal panel walls with integrated sandwiched insulation (R19); 12" overhang with vented vinyl soffit; 12'x14' overhead garage door; two 3' man doors; 200 amp electrical service with associated panel box; 8 Fluorescent strip fixtures; 8 wall mounted convenience outlets; and a 15 Ton HVAC System, ground mounted, ducted thru wall, turned up interior and overhead suspended from roof purlins.



Carenbauer's Distribution Warehouse

Location: Wheeling, West Virginia

Contact: Mr. Carl Carenbauer

Carenbauer Wholesale Corporation

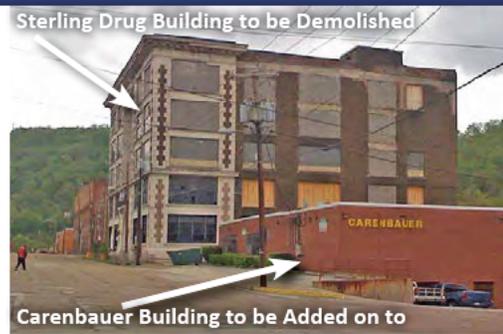
1900 Jacob Street

Wheeling, WV 26003

304 / 232-0522

Type of Project: Demolition, Commercial Distribution Warehouse - Full A/E Services

Project Description, Goals, and Objectives: The first goal of the project was to **demo the old Sterling Drug Building**, and use that site to add an addition onto the Carenbauer Wholesale Corporation Building. The project included the demolition of the 5-story existing structure; basement floor to remain, fracture concrete in place to allow drainage; front wall of basement to remain for shoring of street/sidewalk; concrete to be minimized to 6" minus; all rebar to be removed from rubble fill; temporary protection on Carenbauer warehouse roof; safety fence install/removal; placing rubble fill from street level to existing paving in rear, rubble to be used to fill void from basement area; utility disconnection fees; an EPA Permit; city demolition permit; import fill; haul off rubble; remove hazardous waste; and more.



After Views of Carenbauer Building Addition
(at the site of Sterling Drug Building Demo)



After the demo of the old Sterling Drug Building, we completed the **second project: an 11,800 square foot warehouse expansion - as well as existing warehouse and office building renovations** - of the Carenbauer Wholesale Corporation building. Carenbauer's presently carry over 100 brands of beer in 250 different types of packages, and they represent 15 different breweries across the US and world. The building **addition** included a **large open-span cold storage warehouse with a 26' clear height ceiling**. This room needs to have temperature setpoints for every month of the year, ranging from 60 to 67 degrees. The building addition holds a point-of-sales storage room and mezzanine, a staging area, and a loading dock with 3 bays. The docks included levelers, bumpers, trailer restraints, bollards, etc. The addition is connected to the existing structure via motion-activated overhead metal rolling doors. **The building's floor was designed to withstand continuous fork lift traffic**. The **renovations** included the offices, conference room, kitchen, and men's restroom, as well as new women's restroom and a new warehouse manager office. Upgrades were made to electrical, HVAC, and plumbing in all areas of the addition. The existing warehouse electrical distribution service was not large enough to handle the electrical loads required for the new construction. For the electrical system upgrades, the power was kept on while the addition was being constructed onto the existing building; and after all the new equipment was placed, there was only a minimal outage while the new electrical distribution was put in service.

Millennium Centre Technology Park

Location: Triadelphia, West Virginia

Contact: Mr. Brian Joseph

CEO of Touchstone Research Laboratory

1142 Middle Creek Road

Triadelphia, WV 26059

304 / 547-5800

Type of Project: Office Buildings, Laboratories, & Shops - Full A/E Services - New Construction

Project Description, Goals, and Objectives: The Millennium Centre is a 20-acre technology park located along Interstate 70. McKinley Architecture and Engineering is proud to have participated in creating these new state of the art facilities with the Ohio Valley Industrial & Business Development Corporation, through the Design/Build process with Cattrell Companies, Inc. There are **various buildings and tenants** on the site, which include **multiple phases and expansions**. With our Clients being confident their businesses would “take off,” but did not have the finances to build exactly what they were hoping for; **we designed these buildings in such a way that they all could easily expand in the future**. Therefore, many of these buildings have had **multiple additions**, and we successfully used a **phasing technique** to accomplish these expansions. For example, Phase II was a **new 15,000 SF masonry and frame building**, including complete electrical, plumbing, mechanical, fire protection, landscape, and paving work. Shortly after, a 6,620 SF addition to this building was completed, and included sitework, paving, foundations, slab on grade, superstructure, exterior closure, roofing, interior construction, mechanical, plumbing, and electrical.

One of the main tenants in this advanced industrial park is **Touchstone Research Laboratory**, who occupy **Building #4**, which is **42,875 square feet** and **\$2.2 million**. This is the largest privately owned commercial laboratory in the region. They have a **full blown research and development facility** with electron microscopes, chemistry laboratories, mechanical testing laboratories, finite element analysis, a design center, scientists and engineers of all types and much more. Touchstone also built



a **manufacturing plant** at the Millennium Centre. These are **Research & Development facilities** that adapt to their clients’ needs – not built for narrow goals – but built to be innovative. In addition to its R&D services, Touchstone offers failure analysis and materials testing. The magazine Advanced Materials & Processes has called Touchstone, “One of the best equipped labs of its size in the country.” Touchstone has various spin-out organizations on-site, such as Touchstone Advanced Composites, and Touchstone manufactures multiple products, such as CFOAM, MetPreg, ceramic matrix composites, and much more.

There were also **multiple specialized design elements throughout the buildings**. One building tenant had requested **20’ - 35’ roof clearances**; another requested **reinforced foundations to withstand 100,000 pounds compressive loads**. There are **multi-bay shipping docks**, specialty HVAC (especially laboratory exhaust, ventilation, dust collection, etc.) systems, floors and pits requirements for autoclaves and kilns, and “Raw Material Handling” rooms among these unique specifications. There is also materials characterization equipment, microbiological laboratory, hundreds of pieces of analytical equipment, machine shops, foundry, rolling mills, a composite facility, and much more.

United States Postal Service projects

Location: Appalachian Area (WV & VA) and Erie/Pittsburgh District in PA

Contact: Mr. Bruce Adams

United States Postal Service

P.O. Box 20867

22681 Woodward Avenue

Ferndale, MI 48220-0867

248 / 677-9660

Type of Project: Governmental Buildings - Full A/E Services

Project Description, Goals, and Objectives: McKinley Architecture and Engineering has had **several multiple-year open-ended IDIQ agreements with the United States Postal Service**. One is for the **Appalachian Area** [Indefinite Quantity Contract 360070-15-J-0095, which includes the State of West Virginia, as well as 49 counties and/or independent cities in Virginia], which is our **4th consecutive multiple year open-ended contract for this area**. We have been working throughout West Virginia **since the 1980s**. The second agreement is for the **Erie/Pittsburgh District in Pennsylvania** (Indefinite Quantity Contract 362575-09-J-0232).

We have designed **dozens** of facilities for the USPS, including **demolitions, new construction, additions, renovations, modernization, and rehabilitations** in numerous cities within these areas, including projects in **dozens of counties in West Virginia**. In addition, we have designed over 100 Postal facilities for ADA compliance. **Many of our projects start out with an on-site building or site study/ investigation, where we then provide a multi-page report with condition/code assessment including compliance with current USPS standards, multiple options for repair/replacement/new building (etc.), with photos, and budget cost estimates, including design and construction administration costs. We also give our recommended option, and the USPS will ultimately chose which option to go with. Most of the addition/renovation projects were completed while the buildings remained occupied. We**



have also completed Historic Preservation work, such as extensive interaction with The Secretary of the Interior's (NPS) Standards for the Treatment of Historic Properties and working with the Section 106 process required by SHPO and the Federal Department of the Interior.

This includes work at multiple Processing & Distribution Centers (P&DCs), as well as Carrier Annexes and Hubs, which are large span facilities, and range in size from tens of thousands of square feet to over 250,000 SF. They hold various machinery, floors to withstand forklift traffic, have high roof clearances, multiple loading docks and bays, specialty HVAC systems, etc. Many are prefabricated metal buildings, and the exterior walls are finished with masonry infill and metal siding. The interiors have areas that are broken into multiple rooms with concrete block walls, such as work rooms, offices, and more.



For the newest projects, they incorporate **energy efficient design** which follow the newest USPS Standards compliance to provide a more efficient systems. For example, the energy saving on a recent HVAC replacement project was achieved with the use of economizers to allow free cooling when ambient temperatures are below 60o F, and there was commissioning provided on the RTUs. We followed the USPS Standards, and we also completed Form ECC-EZ - Energy Compliance Certification for Low Energy-Impact R&A Projects.

Cabela's Eastern Distribution Center

Location: Triadelphia, West Virginia

Contact: Mr. Rick Bocchetti

Cabela's

1 Cabela's Drive

Sidney, Nebraska 69160

860 / 290-6251



Type of Project: Commercial Distribution Warehouse - Full A/E Services

Project Description, Goals, and Objectives: Located at The Highlands off of Interstate 70 is a \$40 million commercial warehouse/distribution center 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! Phase I included 32,000 SF of administrative offices and a large employee lunch room. Phase 2 included a 15,000 SF storage/maintenance shop and battery charging room. 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. In order to facilitate construction during winter climate, a precast concrete wall panel system was designed for the building shell, and erected onto steel framing. The project was developed on a deep-fill, greenfield site with massive retaining walls, and new utilities.

We worked closely with the site engineers to coordinate exterior vehicle circulation and fire protection systems. This included particular attention to building and dock access for the 90 dock positions. The project also included a large parking and shipping area around the facility; 300 trailer parking spaces and 750 employee parking spaces. Security lighting was designed for these areas, with careful attention paid to illumination levels to permit camera operation in the parking lot areas.

This 1.2 million square foot 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, we 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.



Panhandle Cleaning & Restoration - Storage Warehouse, Shop, Garages, & Office Building

Location: Triadelphia, West Virginia

Contact: Mr. Bob Contraguerro, Jr.

Panhandle Cleaning and Restoration

42 38th Street

Wheeling, WV 26003

304 / 232-2321

Type of Project: Warehouse / Office Building

Project Description, Goals, and Objectives: Panhandle Cleaning & Restoration invested \$3.5 million in new prefabricated metal buildings. The Warehouse and Contents Processing Facility's exterior measures 130'x200', which includes a 6,400 SF 2-story mezzanine within the structure, providing 32,000 total warehouse square feet. **There are multiple bays and loading docks around this structure; the garages fit vehicles of various sizes.** The exterior walls are finished with masonry infill and metal siding. Interior space varies between 20' - 30' clear of the metal structure. The free-standing masonry area with a conventionally framed platform above it provides an additional storage area enabling the Owner to take advantage of the 2 ½ story clear height along one end of the warehouse. **An additional prefabricated 8,600 SF, 2-story office building is attached to the warehouse along the high side of the warehouse.** The office building also includes custom furnishings and finishes. Panhandle provides 24-hour emergency disaster clean-up services and therefore required some special electric, data, plumbing, and mechanical systems. The first floor of the mezzanine is the "Contents Processing Facility," is broken into multiple rooms, and many have specialized components and considerations we had to design, such as casework, workbenches, and specialty electric to name a few.



Here you will find a copy of Thom Worlledge's (*your Project Manager, and Project Architect for AASF#1*) West Virginia Board of Architects' Registration & Authorization to provide Architectural Services in West Virginia. On the following page is Steve Sweeney's license (*Project Architect for AASF#2*). In addition, we can also provide more copies of certifications/degrees/licenses of other Professionals if you wish to see them; a listing is found on each person's resume. Furthermore, copies of our firm's various licenses are found on the following pages:

The West Virginia Board of Architects

certifies that

THOMAS R. WORLLEDGE

is registered and authorized to practice
Architecture in the State of West Virginia

In testimony whereof this certificate has been issued
by the authority of this board

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2 22



A handwritten signature in cursive script, reading "Emily Papadopoulos". The signature is written in black ink on a light-colored rectangular background.

Board Administrator

The West Virginia Board of Architects

certifies that

STEVEN ALBERT SWEENEY

is registered and authorized to practice
Architecture in the State of West Virginia

In testimony whereof this certificate has been issued
by the authority of this board

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2022.



A handwritten signature in cursive script, reading "Emily Papadopoulos".

Board Administrator



CERTIFICATE

I, 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.



**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.

atL006 v.4
L0539442304

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, 2020 - December 31, 2021

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/14/2021

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

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. 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: Steven Galica	
	PHONE (A/C, No, Ext): 216-306-0047	FAX (A/C, No): 216-839-2815
E-MAIL ADDRESS: sgalica@oswaldcompanies.com		
INSURED McKinley Architecture and Engineering 32 20th Street #100 Wheeling WV 26003	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Continental Insurance Company	
	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
		NAIC # 35289

COVERAGES

CERTIFICATE NUMBER: 1519257570

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/SUBR INSD/WVD		POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						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 DED <input type="checkbox"/> 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	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A					PER STATUTE <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	10/10/2021	10/10/2022	Each Claim \$1,000,000 Aggregate \$2,000,000 Deductible \$25,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached 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**CANCELLATION**

March-Westin Company
 360 Frontier Street
 Morgantown WV 26505

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

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ACORD 25 (2016/03)

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

State of West Virginia
Centralized Expression of Interest

Proc Folder: 949831			Reason for Modification:
Doc Description: AASF1 & AASF2 Unheated Aircraft Storage Design			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-10-06	2021-10-21 13:30	CEOI 0603 ADJ2200000007	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: *000000206862

Vendor Name : McKinley Architecture and Engineering

Address :

Street : 32 20th Street - Suite 100

City : Wheeling

State : West Virginia **Country :** USA **Zip :** 26003

Principal Contact : Ernest Dellatorre

Vendor Contact Phone: (304) 233-0140 **Extension:** 115

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X  **FEIN#** 55-0696478 **DATE** 25 October 2021

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.



(Name, Title)
Ernest Dellatorre, Director of Business Development

(Printed Name and Title)
32 20th Street - Suite 100, Wheeling, West Virginia 26003

(Address)
(304) 233-0140 x115 | (304) 233-4613

(Phone Number) / (Fax Number)
edellatorre@mckinleydelivers.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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

McKinley Architecture and Engineering

(Company)



(Authorized Signature) (Representative Name, Title)

Ernest Dellatorre, Director of Business Development

(Printed Name and Title of Authorized Representative)

25 October 2021

(Date)

(304) 233-0140 x115 | (304) 233-4613

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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 Architecture and Engineering

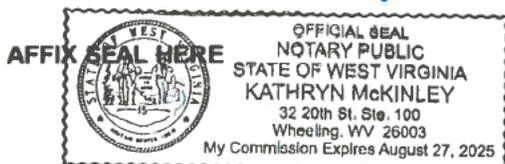
Authorized Signature:  Date: 25 October 2021

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 25 day of October, 2021.

My Commission expires August 27, 2025.



NOTARY PUBLIC 
Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ220000007

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:

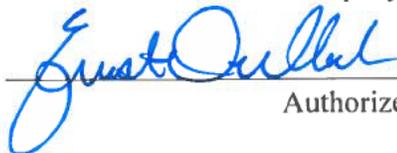
(Check the box next to each addendum received)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <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 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 Architecture and Engineering

Company



Authorized Signature

25 October 2021

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.