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: 979934
Procurement Type: Central Purchase Order
Vendor ID: 000000206862
Legal Name: MCKINLEY AND ASSOCIATES INC
Alias/DBA:
Total Bid: $0.00
Response Date: 02/01/2022
Response Time: 11:05
Responded By User ID: dcarenbauer
First Name: David
Last Name: Carenbauer
Email: dcarenbauer@mckinleya
Phone: 304-233-0140

SO Doc Code: CEOI
SO Dept: 0439
SO Doc ID: EBA2200000003
Published Date: 1/26/22
Close Date: 2/3/22
Close Time: 13:30
Status: Closed
Solicitation Description: Addendum No. 1 Roof Replacement Morgantown and
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:	979934
Solicitation Description:	Addendum No. 1 Roof Replacement Morgantown and Coopers Rock
Proc Type:	Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2022-02-03 13:30	SR 0439 ESR02012200000004573	1

VENDOR

000000206862
MCKINLEY AND ASSOCIATES INC

Solicitation Number: CEOI 0439 EBA2200000003

Total Bid: 0 **Response Date:** 2022-02-01 **Response Time:** 11:05:13

Comments: A hard copy is in the mail

FOR INFORMATION CONTACT THE BUYER
Toby L Welch
(304) 558-8802
toby.l.welch@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	Architectural/Engineering svcs to design roof & specs				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments:

Extended Description:

In accordance with W. Va. Code 5G-1-1 (et seq) WV Educational Broadcasting Authority seeks A/E Services for a method of correction for the Morgantown Office and Cooper's Rock transmitters site.

Public BROADCASTING

West Virginia Educational Broadcasting Authority

CEOI 0439 EBA2200000003

Architectural / Engineering Services for Roofing Project at Morgantown Office and Cooper's Rock site

McKINLEY

ARCHITECTURE + ENGINEERING

McKINLEY
ARCHITECTURE + ENGINEERING

February 1, 2022

Toby L Welch
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Dear Mr. Welch and Members of the Selection Committee;

McKinley Architecture and Engineering is pleased to provide the Acquisitions and Contract Administration Section of the Purchasing Division, on behalf of the West Virginia Educational Broadcasting Authority, with our Expression of Interest for architectural and engineering services to provide a method of correction and professional consulting for a new roofing project for the facilities located at 191 Scott Ave, Morgantown WV 26508 and at the Cooper's Rock transmitter site. As you review this submission, we emphasize the following strengths of McKinley Architecture and Engineering with respect to your roofing projects:

McKinley Architecture and Engineering **(*McKinley & Associates*)** is a full-service architectural and engineering firm that been providing design services since 1981, and are celebrating our 40th year in business. We are excited to announce that for the **2nd consecutive year**, McKinley appears on the **Inc. 5000 list** the **most prestigious ranking of the nation's fastest-growing private companies!** McKinley ranks No. 1928 Nationally with 3-year revenue growth of 231%! With offices in Wheeling and Charleston, WV and Pittsburgh, PA, we support a professional staff of **Architects, Engineers,** Construction Contract Administrators, LEED Accredited Professionals specializing in Building Design and Construction, a Historic Preservationist, an AIA Safety Assessment Program (SAP) Evaluator, and more.

Our past experience will show our extensive experience in **similar type projects.** We have been involved with multiple types of **roof renovation, water ponding corrections, and water leaking / moisture penetration projects**, which allow us to use that experience in your project. We have gained knowledge and insight to evaluate these projects, which helps us anticipate unforeseen existing elements that may occur in a renovation project.

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

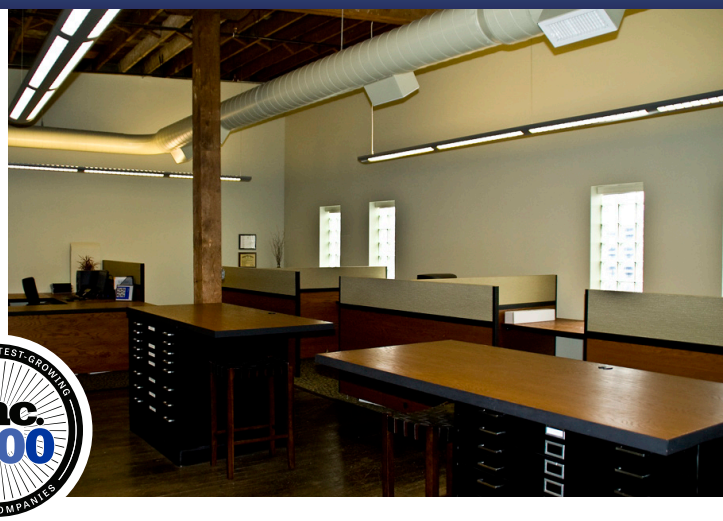
Sincerely,

Ernest Dellatorre
Director of Business Development
McKinley Architecture and Engineering
(304) 233-0140 x115
edellatorre@mckinleydelivers.com

Corporate Information

Firm History

Founded in 1981, McKinley Architecture and Engineering is a multi-discipline **full service A/E firm,** offering comprehensive **professional services in Architecture, Engineering, HVAC Commissioning, Energy Efficient and Sustainable (LEED) Design, SAP Evaluation, Construction Administration, and more.** We have a broad range of skill and experience for projects involving **roof replacements, governmental,** municipal, commercial, industrial, PK-12 schools, higher educational, and public safety to name a few. Over the years, our firm won multiple **State and National awards and recognitions** for our designs. **McKinley has made both the 2020 & 2021 Inc. 5000 lists, the most prestigious** ranking of the nation's fastest-growing private companies!



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
HVAC Commissioning Provider
LEED AP
LEED AP BD+Cs
Learning Environment Planner
Educational Facility Planner
Historic Preservationist
Interior Designer
SAP Evaluator
Construction Administrators

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

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www.Facebook.com/McKinleyDelivers

www.LinkedIn.com/company/McKinleyDelivers

Instagram: @McKinleyDelivers

McKINLEY
ARCHITECTURE + ENGINEERING

Staffing & Project Approach

The work to be performed by your design team is very clear; to evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Educational Broadcasting Authority. 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. Our project team of architects/engineers has been chosen for these 2 roofing projects and they are available to dedicate the necessary time to this effort. We are available to **start immediately** upon our being selected. We can and will perform for you on time.

Over the past 40 years, McKinley Architecture and Engineering has designed **hundreds of projects which involve roof assessments, renovations, replacements, upgrades, and/or repairs** which give us invaluable experience to utilize within your project. This experience also includes many projects that occurred **while the building was occupied.** This has involved all sorts of roof structures (steel joists, wood joists, jr. beams, etc.), roof coverings (different membrane systems, metal, shingles, etc.), including all pertaining roof-mounted engineering systems (skylighting, HVAC, roof drainage, etc.), flashing, parapets, copings, and more.

To start your projects, kickoff meetings will be held at the 2 buildings with West Virginia Educational Broadcasting Authority representatives, along with all our design professionals. Our philosophy regarding this type of work requires an **intimate knowledge of the building** so we can determine how to most effectively use the existing resources. Early activity includes **carefully mapping out the damaged areas and formulating a plan of action for repairs.** This process targets the areas of greatest need and helps to control cost. From these on-site meetings, the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phases. We will **verify the existing conditions** of the facilities through the review of the existing conditions, existing drawings, and with further discussions with you. From our overall facility survey, we will use all this information to produce a full reporting of the current conditions, with our **recommendation** of rework to best fit the present needs of these buildings. We will then use all this information to **design and specify the re-roofing and water pooling corrections.**

As mentioned, our first action for any roof renovation is to examine the entire roof with our architects and engineers. This will help us in determining the root cause of the water pooling, any deterioration, possible damages (especially at the Cooper's Rock facility from the ice falling off of the 500' tower), and any water infiltration. Roofing projects require a concise mapping of the existing roofing system including existing materials condition (above and below the roof line), mapping of the building's roof penetrations, and observation of the performance of the rain water collection system. How does it respond to a 100 year rain event; is any action/correction necessary to control; does the current assembly meet all current building code standards? Present unknowns for your roof may include: incorrect slope and drainage, possible sealant and flashing condition defects, deterioration of existing roof deck, degradation of the roof structure, and damage to interior building components due to previous water infiltration. **Once the problems are forensically understood**, the next step is to develop possible solutions. It will be important to sit down to review the various alternatives and propose the best method to solve the main problems; the problems that must be immediately addressed and prioritized thereafter. For example, existing roof systems without adequate slope and proper drainage, and/or leaking can also cause significant wood rot, mold, mildew, algae and other such growths, which are unhealthy for the environment for the employees. **Your pooling water issues** can provide incubators for mosquitoes, etc. and needs addressed. Another safety factor which should be considered is, the design of the roof systems should include analysis to determine if secondary emergency roof drainage is warranted to prevent structural failures from blockage of the primary roof drainage system. Modifications to drainage system and existing mechanical equipment and service feeds may also be required to achieve code required minimum slopes for roof replacement.

Some of our projects replaced roofs that were beyond their life span, were leaking, had ponding water, were sliced and damaged, had inadequate roof slope, had inadequate drainage systems, and many caused water damage throughout the interior and/or exterior of the building - even the smallest pinhole can allow significant water infiltration. **Our designs** replace the roofing system, fix the leaks, create proper water flow and drainage, meet the current code with compliant systems which increased the building's safety, and are lower maintenance.

Quality Control

Quality control at McKinley Architecture and Engineering 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 West Virginia Educational Broadcasting Authority any potential conflicts between program criteria and design standards and resolving those conflicts to your satisfaction.

As the schematic/concept plans are developed, Ray Winovich, RA, your Project Manager, 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 Architects, 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, Ray 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 West Virginia Educational Broadcasting Authority, 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 WVEBA 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. Winovich, and includes the receipt, logging, review and return of submittals. Urgent items can often be expedited to satisfy the construction schedule. In addition, Michael Barbarino, your Construction Contract 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 Contract 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 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.

Ray Winovich, RA, NCARB

Senior Architect

EDUCATION:

Carnegie-Mellon University
Bachelor of Architecture - 1979

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
Pennsylvania (1984)
Washington (1997)
Michigan (2000)
Indiana (2000)
New York (2003)
Massachusetts (2003)
West Virginia (2005)
Ohio (2007)

NCARB Certificate - 2003

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Washington, PA (2005 to present)

Industrial Design Corp.
Pittsburgh, PA (2000-2005)

SSOE, Inc
Bellevue, WA and Toledo, OH (1997-2000)

R.T. Patterson Co. Engineers
Pittsburgh, PA (1994-1997)

Self employed (1993–1994)

Industrial Design Corp.
Pittsburgh, PA (1990-1992)

SUMMARY OF EXPERIENCE:

Mr. Winovich is a **Registered Architect** who has extensive experience in projects of various sizes and use groups. This includes municipal, commercial, governmental, financial, educational, medical, industrial laboratory operations, as well as larger high-technology micro-electronics cleanroom retrofits for clients such as Micron, Intel and IBM. He is an award-winning architect; most recently he completed the $10 million J.B. Chambers Performing Arts Center at Wheeling Park High School, which was selected as an Outstanding Design by the American School & University Magazine's Architectural Portfolio; the premier showcase celebrating the best in education design! He even has experience internationally, such as being the lead architect of a 150,000 SF, Class-10 clean-room lab for Intel in Leixlip, Ireland. Several of his projects include **roof replacements.**

NOTABLE PROFESSIONAL EXPERIENCES:

GSA - Social Security Administration's Wheeling, WV Office

Follansbee City Building renovations

United States Postal Service - open end IDIQ contract / multiple projects in various postal facilities in WV and PA

Cabela's Eastern Distribution Center / Phase II

Bayer Heritage Federal Credit Union - Moundsville Branch & Warehouse and Office Building in New Martinsville

Carenbauer Wholesale Corp. office renovations and warehouse addition

Nicholas Co. Division of Homeland Security & Emergency Management

Reynolds Memorial Hospital Rapid Care Center renovations & Emergency Room renovations

Silgan Warehouse expansion at The Highlands

Dr Ganzer Office Building renovation and expansion

Wheeling Country Club

TSItouch

Candlewood Suites Hotel, Morgantown, WV

Holiday Inn Express & Suites - on-call contract / 5 hotels in 4 States

Washington & Jefferson College - renovations to Old Main Building, Commons Building, Thompson Hall, & Facilities Building

Brooke County Schools - Follansbee Middle School renovations & Carlin Dodrill Field House renovations

Ohio County Schools - New $10 million Performing Arts Center

Wetzel County Schools - open end IDIQ contract / County-Wide School Security Renovations, Hundred High gymnasium renovations, Paden City High renovations, & Board of Education Building renovations

Wood County Schools - 270,000 SF overall campus renovation of Parkersburg South High School / $23 Million

Jeffrey W. Wessel, AIA, LEED AP BD+C

Architect / Specialized LEED Accredited Professional

EDUCATION:

Kent State University
Bachelor of Science - 2006

Kent State University
Bachelor of Architecture - 2007

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
Pennsylvania

NCARB Certified

LEED® Accredited Professional

Member:
American Institute of Architects

Member and Volunteer:
ACE Mentorship of Western PA Associate Board

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Wheeling, WV (2021 to present)

VEBH Architects
Pittsburgh, PA (2019-2021)

Desmone Architects
Pittsburgh, PA (2013-2019)

Burt Hill / Stantec
Cleveland, OH / Butler, PA (2007-2013)

SUMMARY OF EXPERIENCE:

Mr. Wessel is an Architect with 15 years of experience. He has been the project architect on large projects, independently managed small to mid-sized projects from proposal to completion, and has the ability to adapt quickly to project requirement and schedule changes. As a **LEED Accredited Professional specializing in Building Design & Construction**, he can coordinate LEED documentation and review requirements, as well as design sustainable and energy efficient features into your project.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering*

City of Weirton - Park Drive / Three Springs Drive Development

Bethel United Methodist Church

Clopay Mechanical Upgrades

PLSLogistics Fit-Out

Hampshire County Schools - Pre-Bond Services

Hampshire County Schools - new Central Elementary School

Hampshire County Schools - new North Elementary School

Hampshire County Schools - new West Elementary School

Hancock County Schools - Weir High School Gymnasium addition

Ohio County Schools - Wheeling Park High School addition and renovations

VEBH Architects*

Mr. Wessel's focus was on K-12 schools, including renovation and addition projects and master planning studies. He collaborated on mid-sized and large projects, including a 43,300 SF renovation and addition to a private K-12 academy in Pittsburgh, PA ($8M), a district-wide, ten building facilities study in Westmoreland County ($113.7M), and a 221,900 SF renovation and addition to a public high school in Allison Park, PA. He also worked on the 121 7th Street (Aria) Apartments Building renovation/conversion in Pittsburgh. Jeffrey attended site meetings and interface with clients to understand project goals and align design team throughout design and construction process. He evaluated facilities for existing building assessments and prepare initial construction cost estimates. During this time, he also completed AIA Pittsburgh Foundation for Architecture's Leadership Institute for Emerging Professionals (Class of 2019-2020).

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

Katie Wetherby

Intern Architect / Senior Architectural Designer

EDUCATION:

Kent State University
Master of Architecture - 2012

Kent State University
Bachelor of Science in Architecture - 2011

PROFESSIONAL EMPLOYMENT:

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

Desmone Architects
Designer
Pittsburgh, PA (2013-2020)

English + Associates Architects
Intern Architect
Houston, TX (2012-2013)

SUMMARY OF EXPERIENCE:

Ms. Yatzkanic is a dedicated professional designer with nearly 10 years of experience working towards licensure. She has experience working on a range of project types at various scales. She brings a fresh perspective on combing function and form with an environmentally sustainable influence.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering

Hampshire County Schools - Bond Work-General

Ohio County Schools - Wheeling Middle School SAS addition & renovations

Ohio County Schools - Wheeling Park High School addition and renovations

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

City of Weirton - Park Drive / Three Springs Drive Development and Streetscape

City of Moundsville - New Municipal Public Safety Bldg

Desmone Architects*
Ms. Yatzkanic worked closely with project managers throughout all phases of a project. Acted as project manager on multiple small scale projects. Had experience in multiple fields including commercial, multi-family, industrial, religious and retail. Involved in various internal office events and standards committees. Completed drawing sets using Revit as well as renderings for schematic use. Coordinated projects with owners, consultants, and contractors. Reviewed projects to meet building code per local and international requirements.

English + Associates Architects*
Ms. Yatzkanic performed various tasks in all the stages from design to construction. Drafting drawing sets from schematic concepts through to Construction Documents. Assisted with the management of construction. Coordinated LEED documentation for Houston airport control building that received LEED Platinum. Organize product presentations and the material library. Experience working on commercial, healthcare, and education.

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

Tim E. Mizer, PE, RA, QCxP

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
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 **Registered Architect**. He joined McKinley Architecture and Engineering in 1995, and has nearly 35 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 an **HVAC Qualified Commissioning 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**, his presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space. Mr. Mizer's presence as Director of Engineering Services will be key in the coordination of all of the engineering systems within your renovations, such as potential roof penetrations and rework of the engineering and mechanical systems if there is an addition of roof insulation and replacement of the roofing membrane.

NOTABLE PROFESSIONAL EXPERIENCES:

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

Building 34: WV State Office Complex in Weirton

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

Orrick's Global Operations Center renovations

Dr. Ganzer Medical Office Building fit-out / renovations

VAMC Beckley renovations

Wetzel County Hospital addition/renovations

Marietta Memorial Hospital

OVMC Nurses Residence Hall

Chambers YMCA renovations

City of Moundsville - New Municipal Public Safety Bldg

United States Postal Service - several projects in WV and PA

WV Army National Guard - multiple projects

West Virginia State Police - dozens of projects

Wheeling Island Hotel•Casino•Racetrack multiple projects

Wagner Building multiple renovation projects

Raleigh County Emergency Services Authority renovations

West Virginia Independence Hall renovations

Orrick's Global Operations Center renovations

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:
West Virginia
Pennsylvania

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 Weirton - Park Drive / Three Springs Drive Development

City of Moundsville - Municipal/Public Safety Building

Brooke County Judicial Courthouse renovations

Tyler County Commission - Judicial Annex Building

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

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

Engineering Production Manager / Senior Plumbing Designer

EDUCATION:

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

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Engineering Production Manager
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, our Engineering Production Manager, 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's 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. For your roof project, Scott might be utilized if there are any modification to the existing roof drainage system and for the piping design. He will also help if equipment has to be moved and put back, and if there are any electrical service or feeds modifications.

NOTABLE PROFESSIONAL EXPERIENCES:

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

City of Moundsville - New Municipal Public Safety Bldg

VAMC Beckley renovations

Wetzel County Hospital

OVMC Nurses Residence Hall

Dr. Ganzer Medical Office Building fit-out / renovations

HealthPlex fit-out / renovations

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

Building 34: WV State Office Complex in Weirton

Holiday Inn Expresses & Suites- multiple projects

WVDRS Wheeling District's new office space fit-out / renovations

United States Postal Service - statewide post offices

West Virginia State Police - multiple projects state-wide

West Virginia Army National Guard - multiple projects

Wheeling Island Hotel•Casino•Racetrack multiple projects

Wheeling Island Fire Station renovations

Chambers YMCA renovations

Orrick's Global Operations Center renovations

Bennett Square renovations

Wagner Building renovations

Panhandle Cleaning & Restoration warehouse and office building

West Virginia University - Colson Hall renovations

West Virginia University - State Fire Training Academy

WVU Institute of Technology - Maclin Hall renovations

Cabela's Eastern Distribution Center

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:

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 Courthouse upgrades and Annex demo

Brooke Co. Commission - Judicial Center & Historic Courthouse

Tyler Co. Commission - Courthouse & Police renovations

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

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

Brooke County Judicial Center Courthouse

Tyler County Commission - Judicial Annex Building

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. For your roof project, his services may be used if there are any mechanical equipment modifications, or if equipment has to be moved and tied back in.

NOTABLE PROFESSIONAL EXPERIENCES:

Trinity Health System - Crisis Rehabilitation Unit

Belmont County Divisional Courts renovations

Jefferson County Justice Center renovations

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

Michael A. Barbarino

Construction Contract Analyst

EDUCATION:

Associated Builders and Contractors of Western, PA
Merit Shop - 1992

Community College of Allegheny County
Residential Construction - 1984

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

General Contractor License:
West Virginia

IBEW Certifications for:
Confined Spaces
Scaffold Users
Erectors

APC/PENNDOT Flagger Training

OSHA 10 and 30

Construction Quality Management for Contractors - U.S. Army Corp of Engineers

ICRA 8, CPR Certification, AED

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Construction Contract Analyst
Wexford, PA (2021 to present)

Self-Employed
Consultant
Natrona Heights, PA (2019-2021)

Mare Solutions, Inc.
Project Manager/Estimator
Pittsburgh, PA (2005-2019)

TJR Enterprises, Inc.
Project Manager/Estimator
Pittsburgh, PA (2001-2005)

SUMMARY OF EXPERIENCE:

Mr. Barbarino serves as a **Construction Contract Analyst** for McKinley Architecture and Engineering, which is an expanded role of **Construction Administration** to also include **Quality Control** and **Estimating** services. With 39 years of continuous employment in the construction industry, his skillset is a great asset to our firm. His background includes serving as project manager/estimator, site superintendent, and a carpenter. Michael has estimated and managed projects for various government entities ranging from less than $100,000 to in excess of $10,000,000 for a single project. For your roof project, Michael will observe the construction progress; is the liaison between the owner, contractor, and architect/engineer; will ensure that the contractor is following the construction documents; and more.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering*
Fayette County Schools - NEW Meadow Bridge School PK-12 School & School Based Health Clinic

Harrison County Schools - NEW Lost Creek Elementary School

Ohio County Schools - Steenrod Elementary School cafeteria addition & renovations

Ohio County Schools - Warwood School renovations

Ohio County Schools - Wheeling Park High School addition & renovations

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

City of Moundsville - Municipal/Public Safety Building

PLS Logistics fit-out

Mare Solutions, Inc.*
Mr. Barbarino worked as a Project Manager/Estimator, where his responsibilities included submittal processing including review and contractor approval; drafting project schedules; creating project inspection and punch lists, follow up with close out of items; researching specified materials, order and oversee installation; estimating projects up to and in excess of 10 million dollars; inspecting all work during phases of construction for Contract drawing and specification adherence including all aspects of the Safety programs; reviewing pay applications for all subcontractors, update AIA pay applications to customers; and much more.

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

Roof Renovation Experience

Our firm has completed a **variety of projects,** which serve to illustrate the **creative** and **talented nature** of our professional design staff. The following examples are chosen to exhibit a partial assortment of **Roof Renovation** projects we have successfully completed:

A.I. Boreman Elementary School
A.T. Allison Elementary School
Artisan Center
Bennett Square
Brooke Primary School
Carenbauer's Distribution Warehouse
Catholic Heritage Center
Center McMechen Elementary School
Elm Grove Elementary School
Flatwoods Elementary School
Ft. Henry Building
Grave Creek Mound Museum
Harrison County Courthouse
Jefferson Co. Dept. of Job and Family Services
Jefferson County Justice Center
John Marshall High School
Lincoln National Bank
Madison Elementary School (Ohio Co)
Madison Middle School (Boone Co)
Magnolia High School
Martin Luther King, Jr. Recreation Center
Maxwell Centre
McNinch Elementary School
Middle Creek Elementary School
New Manchester Elementary School
Oak Glen High School
Ohio County Justice Center
Orrick's Global Operations Center
Presbyterian Church of Cadiz
Scott High School gym
Sistersville Elementary School
SWVCTC - Williamson Campus
Steel Valley Regional Transit Authority
Steenrod Elementary School
Steubenville Justice Center
Stifel Fine Arts Center
Sutton Elementary School
The Towers Building in Steubenville
Tucker County BOE Office
Tyler Consolidated MS/HS
Union Educational Complex
USPS - multiple projects
Vertical Farm
Wagner Building
W&J College – Old Main Building
Washington Lands Elementary School
WLU – College Union Bldg.
West Virginia Independence Hall
WVNCC - B. & O. Building
WVNCC – Education Center
WVSP – multiple projects
WVU – Colson Hall
WVU – Stalnaker Hall
WVU IOT - Maclin Hall
Wetzel Co. Center for Children and Families
Wheeling Dollar Bank
Whg Island Casino Fairgrounds
Willow Glen Mansion
Wilson Lodge pool room
(and much more)

West Virginia Independence Hall

Wheeling, West Virginia

Owner
WV Division of Culture & History

Size
22,000 SF

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Christina Schessler,
AIA, LEED AP BD+C

Originally built in **1859** in **Wheeling, WV,** the **Wheeling Custom House** is considered to be the **"Birthplace of West Virginia."** The 22,000 square foot building, now appropriately renamed **West Virginia Independence Hall**, was added to the **National Register of Historic Places** in 1970, and was designated as a **National Historic Landmark** in 1988. **On September 23, 2011, McKinley Architecture and Engineering was presented with the 2011 Heritage Tourism Award from the Preservation Alliance of West Virginia, for our achievements** in preserving Independence Hall. The West Virginia Division of Culture & History engaged the professional services of McKinley Architecture and Engineering to conduct on site analysis and to document and confirm as much of the existing conditions as possible (short of destructive investigation) in preparation for restoration activities. Afterwards, we completed multiple renovations and restorations, including repairs to the stone, new windows, wood flooring, interior plastering, ceilings, HVAC upgrades, fire protection, electrical, and more.

A combination of water intrusion conditions existed at the beginning of the restoration; the building had a **failed roofing system, failed box guttering,** broken stone, missing mortar and deteriorated wooden windows. **Restoration and renovation work of the building addressed all of these issues, along with and more. The failed metal roofing system was removed and replaced with 5,000 SF of new standing seam metal and a new custom metal guttering and downspout system. This metal roofing is emblematic of the period of 1859 when the original structure was completed. We can assist with a review of the Division One Section of the specifications to assist in determining qualifications for the bidders. For instance, when we wrote the RFP for the rehabilitation project we included an allowance for a special roofing consultant to be on site 8 hours a day for 25 days: their task is to perform direct on-site observation and evaluation of the soldering and metal connections.**


During Construction

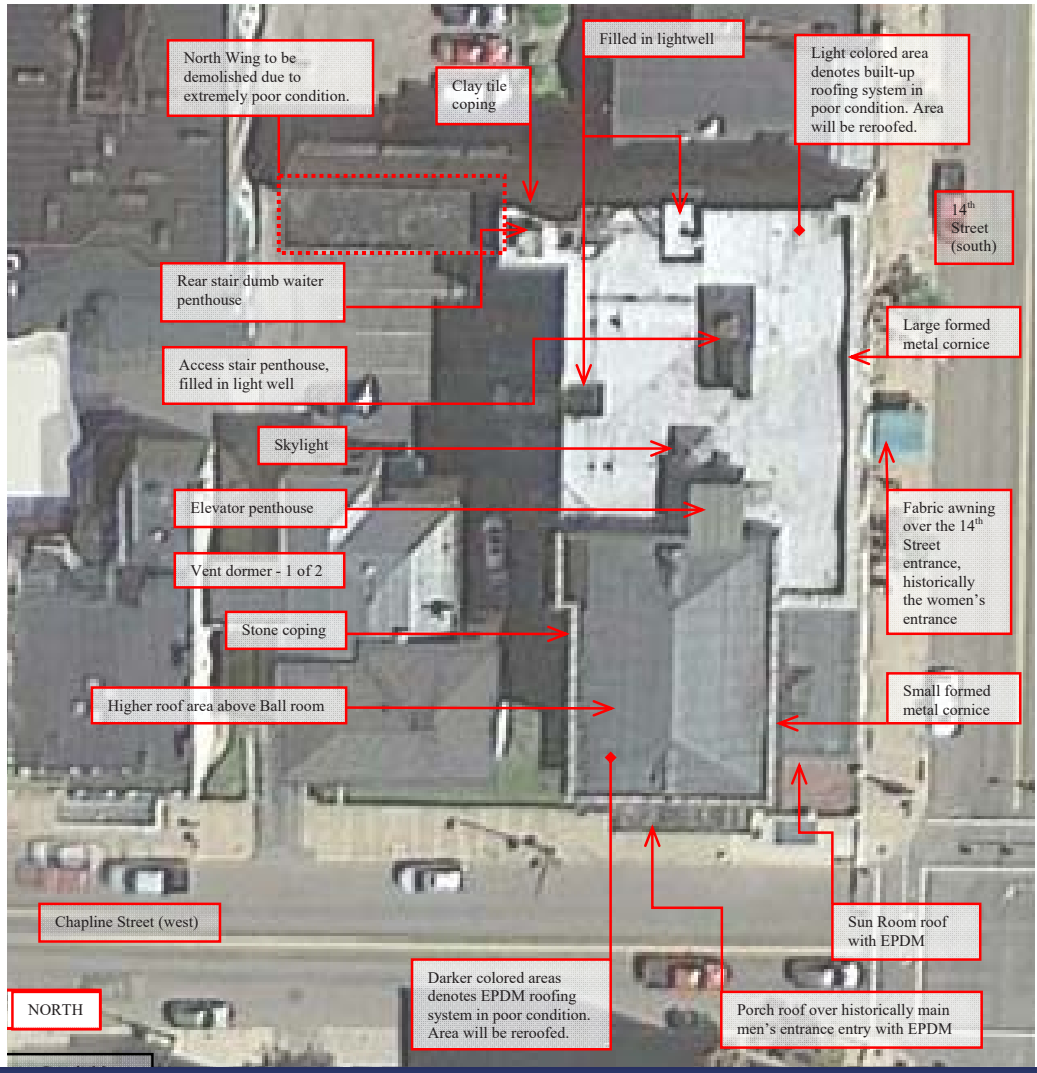

During Construction


& After

McKINLEY
ARCHITECTURE + ENGINEERING

Fort Henry Building

The 4-story, 45,046 SF Fort Henry Building was originally designed and built as a mansion in the 1850s, then served as a social club and meeting places from the 1890s until it closed in 2010; thereby leaving the building vacant. A few years later, the new owner could not find tenants, and began taking steps to demolish it. **That's when Fort Henry LLC (McKinley Architecture and Engineering's subsidiary company) stepped in to save the building from demolition.** Since the structure is included in the Wheeling Historic District in the National Register of Historic Places; our goal is to maintain the historic fabric and character of the interior and exterior. All of the renovations being done are to comply with the United States Secretary of the Interior's guidelines for historic preservation and restoration. To date, we have been successful in attracting a few tenants, which has enabled us to commence with the fit-outs / development of the project. There is an anchor tenant which occupies the entire second floor, 2 other tenants occupy portions of the first floor, and we are designing another build-out for the additional tenant. Because the building had been in disrepair for many years, these renovations also included upgrades required to get the building up to current codes and standards, such as complete **roof replacement,** masonry repairs, windows rehab/replacement, doors, ADA lobby entrances, porch restoration, new HVAC, electrical service, plumbing, sprinkler & fire alarm systems, elevators, storm & sewage line separation, sidewalks, and much more.



McKINLEY
ARCHITECTURE + ENGINEERING

Lincoln National Bank Building

Avella, Pennsylvania

Owner
Avella Area Community Association

Size
8,667 SF approx.

Construction Cost
$288,400

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Christina Schessler, AIA, LEED AP BD+C

Contractor
Ramp Construction Company, Inc.

The Avella Area Community Association, in association with the Redevelopment Authority of the County of Washington, are in the process of restoring the **historic Lincoln National Bank Building in multiple phases.** When all Phases are completed, the building will serve as an incubator for multi-purpose use for various business types. For Phase I, we **replaced the roofing, rebuilt the masonry parapet, removed and reinstalled the stone copings, and also cleaned and restored the exterior masonry. The building now looks completely rejuvenated from the exterior.** In addition, we are incorporating a new ADA entrance and incoming utility services for future interior renovations.

For the new roof, insulation and drainage portion of this project; due to the deteriorated condition of the roof and evidence of severe roof leaks in the interior of the building, the tarred roofing materials were removed and a new roofing system was installed. After the removal of the existing roof, the structural deck was inspected to further validate its satisfactory condition. To meet current code, additional roof drains were required. In addition, overflow drains were required because of the high parapet walls enclosing the roof. Following restoration of the interior face of the masonry parapet walls, proper flashing and counter flashing were included as a part of the complete roofing system.

In addition, there was a replacement of the unsafe section of the plaster ceiling. **The deep beams in the banking room had sustained substantial damage from roof leaks,** which have both softened the plaster and rusted the steel support system and wire mesh. Large sections of the plaster beams had collapsed, leaving the actual steel structure exposed above.

COPING AND PARAPET WALL UPGRADES
Before & After

ROOF REPLACEMENT
Before & After

McKINLEY
ARCHITECTURE + ENGINEERING

Harrison County Courthouse

Cadiz, Ohio

Owner
Harrison County Commissioners

Size
9,500 SF

Construction Cost
$1.7 million approx.

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Christina Schessler, AIA, LEED AP BD+C

Contractor
Kalkreuth Roofing & Sheet Metal, Inc.

McKinley Architecture and Engineering and Kalkreuth Roofing completed a Design-Build project in 2016 for the Harrison County Commissioners in Ohio for upgrades to the Harrison County Courthouse in downtown Cadiz, OH. The Courthouse was completed in 1895 by architect Joseph Yost, and has elements of Greek Revival, Second Empire, Italianate, Romanesque Revival, and Beaux-Arts architectural styles. This courthouse is located on the National Register of Historic Places (NRHP Reference #74001524).

This project replaced/restored the existing 9,500 SF **roof** on the Courthouse. Work included complete removal and replacement of slate and copper flashings, complete removal and replacement of EPDM roofing and related flashings, repair of roof support framing, new snow guards, repair of stone, hazardous abatement of pigeon droppings, replacement of tower louvers and vents, removal and replacement of sealants. Includes 4 corner cupolas. In addition to the roof replacement, all masonry above the third floor windows including the roof tower were restored and the mortar joints repointed. A new lightning protection system was also included in this project.

Our team worked cooperatively with the Owner and provided, among other services, schedule development, estimate development, design development documents for review by the Owner, Guarantee Maximum Price (GMP) proposal, engineering, and pre-construction planning throughout the construction stages.

BEFORE (DURING CONSTRUCTION)

& AFTER

McKINLEY
ARCHITECTURE + ENGINEERING

Jefferson County Justice Center roof

Cadiz, Ohio

Owner
Jefferson County Commissioners

Construction Cost
$750,000 approx.

Project Architects-Engineers
McKinley Architecture and Engineering

Project Manager
Tim E. Mizer, PE, RA, QCxP

We have worked with the Board of Commissioners of the County of Jefferson on several projects over the past few years, and currently have an engineering and architectural services open ended contract with them.

For one project, we recently completed a **new roofing** project, along with a **Cooling Tower replacement**, at the Jefferson County Justice Center facility. **Coordination between the roofing and cooling tower contractors was needed, because the roof had to be replaced before the new cooling tower and stand could be installed.**

The 28,700 SF **roof replacement** project included the demolition and complete tear-off of the existing roof to the concrete roof deck, all the Polyurethane foam was scraped off so new flashing could be installed, and the roof drains and overflow scuppers were removed. Afterwards, a new 90 mil EPDM roof was installed, which includes adhering tapered polyisocyanurate to the deck. In addition, there was new metal coping, transitions, roof drains, scuppers, and flashing. The contractor for the roof replacement was N.F. Mansuetto & Sons, Inc.

The $200,000 Cooling Tower replacement project included the demolition and removal of the existing Tower, the replacement of the structural base stand and support beams which had rusted, and the installation of a new 1,400 gpm BAC (Baltimore Aircoil Company) 3000 Series Cooling Tower, associated piping, and vibration isolation rails. The installation required a crane rental for both the existing tower removal, and the installation of the new cooling tower. There was also electrical modifications needed. The contractor for the cooling tower was Prout Boiler, Heating & Welding, Inc. The project was completed in February of 2021.

McKINLEY
ARCHITECTURE + ENGINEERING

The Towers Building

Steubenville, Ohio

Owner
Jefferson County Commissioners

Size
76,300 SF

Construction Cost
$6.1 million approx.

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Christina Schessler, AIA, LEED AP BD+C

Project Engineer
Tim E. Mizer, PE, RA, QCxP

As mentioned on the previous page, McKinley Architecture and Engineering has worked on several projects over the years with the Jefferson County Board of Commissioners.

For this example, we completed multiple phases of renovations and upgrades to **The Towers Building.**

This is a **40+ year old, 8 story high-rise** in **downtown Steubenville.** Unusually cold weather, age, and the culmination of years of insufficient maintenance had resulted in a series of situations resulting in frozen pipes, systems shutting down, and continuing emergency maintenance issues in the building. Due to primarily system malfunctions and weather related damages at the building, an overall building condition assessment was determined to be necessary by the Owner.

Therefore, McKinley was hired to perform an emergency Preliminary Analysis of the Needs and Energy Efficient Services. Existing conditions related to the architectural, mechanical and electrical portions of the building were the primary focus of the study with the goal of **addressing concerns associated with occupancy comfort, continued tenant satisfaction and to determine an efficient repair and maintenance recommendations for the building. Our recommendations addressed repair options, efficiency and energy saving solutions.** We completed a Building Condition Assessment and Energy Efficiency Analysis Report, and presented our findings.

After this, we have **designed multiple phases of renovations for the building; a main roof replacement, mezzanine roof replacement and new lobby skylight,** building envelope repairs, ADA handicapped ramp, and an overall HVAC replacement. In addition, there was an adaptive reuse of a former bank on the first floor, into an office fit-out / renovations for the Jefferson County Board of Elections. **The construction was performed with the building in operation.** These projects were completed over time, with different General Contractors.


Roof Before


& After

McKINLEY
ARCHITECTURE + ENGINEERING

Jefferson County Department of Job & Family Services Building roof

Steubenville, Ohio

Owner
Jefferson County Commission

Size
20,100 SF

Construction Cost
$200,000 approx.

Project Architects-Engineers
McKinley Architecture and Engineering

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

Contractor
N.F. Mansuetto & Sons Inc.

McKinley Architecture and Engineering assisted the Board of Commissioners of the County of Jefferson, State of Ohio, with the **replacement** of the Jefferson County Department of Job and Family Services Building's 3**0 year old EPDM roof.** This project included the coordination of demolition of a Ballasted EPDM roof, mechanical curb flashing, and full roof replacement. We also reviewed the concerns of the failing roof, and possible damage to the building structure, and designed plans to correct these issues.

The demolition included field verifying all conditions, and verifying the location of all roof penetrations. The next step in demolition was removing all existing roofing, ballast, accessories, insulation, metal trim and flashing to the existing roof deck.

All of the roof drain domes were replaced with compatible cast iron domes. There was various locations where damaged soffit was replaced. We provided design for code compliant drainage systems which increased the building's safety.

BEFORE

and AFTER

McKINLEY
ARCHITECTURE + ENGINEERING

Steel Valley Regional Transit Authority Maintenance Complex roof

Steubenville, Ohio

Owner
Steel Valley Regional Transit Authority

Size
15,614 SF

Construction Cost
$275,000

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Christina Schessler, AIA, LEED AP BD+C

Contractor
Alex Roofing & Construction Co.

This project includes **architectural and engineering design services** for the **roof repairs and replacement** for the administrative and maintenance complex in Steubenville, Ohio. This includes the demo of the existing EPDM roofing; new EPDM roofing, penetrations, scuppers, and flashing; the demo of existing coping and installation of new metal coping; salvaging and reinstalling the lightning protection system; replacing one roof hatch; repairs to the existing EIFS system; new scuppers through the existing parapet; and finally, the installation of new roof expansion joints.

For the roof system, the rubber membrane and insulation needed to be replaced. During the installation, we ensured that the slope of the roof and roof drainage system met current Ohio Building Codes. The HVAC units were lifted off their curbs to help with the flashing; one of the HVAC units was replaced. **The roof drainage system required an upgrade to provide an emergency drainage system to ensure water leaves the roof surface if the primary roof drains become plugged.** For this roof, the most economical way to add an emergency system was to add scuppers through the parapet wall to allow any ponding of water to exit the roof structure.

McKINLEY
ARCHITECTURE + ENGINEERING

West Virginia University

Colson Hall

Morgantown, West Virginia

Owner
West Virginia University

Size
35,000 SF approx.

Construction Cost
$5.6 million

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Denis Gill, AIA

Contractor
TEDCO Construction

McKinley Architecture and Engineering completed a $5.6 million **renovation/restoration** project on Colson Hall at the downtown campus of West Virginia University. The scope of work was to take this existing 35,000 SF building and readapt it for use as a faculty office building with additional classrooms. Work included architectural elements as well as major electrical and mechanical systems design.

The project included a roof replacement. One of the goals was to replicate the original style and color, and Chairman of the Historic Preservation Committee gave us the blessing to use the roof tile that was chosen. The roof replacement included fully adhered single membrane roof, new sealant and waterproof underlayment, repairing and relining the existing gutters, copper collector and downspouts, metal coping, new roof drains, removing the stone parapets then reflash and reinstall the stone, removing all stone chimney caps and reflash with new metal cap flashing, removing all existing chimney flashing and replace with new copper flashing, repairing and/or rebuilding the dormers, installing batt insulation in the attic, smoke vent, automatic smoke hatch activated by smoke detector, and installing new clay tile roof over the new substrate and ice/water shield (water proof membrane). **There was also moisture penetration issues that were addressed.**

During the process the owner requested the exterior of the building be restored to its original design, and due to our experience with historic preservation work, we were able to accomplish the needed construction of the façade to bring it back to its original 1923 appearance while keeping the aesthetics of the building untouched. This included brick repointing, new windows, doors, lighting, stair and railings, and more.

BEFORE and AFTER

McKINLEY
ARCHITECTURE + ENGINEERING

Old Main Building

Washington, Pennsylvania

Owner
Washington & Jefferson College

Size
12,000 SF approx.

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Ray Winovich, RA

Contractor
Jarvis, Downing & Emch

McKinley Architecture and Engineering recently worked with **Washington & Jefferson College** on many projects, and on multiple buildings. One project is a masonry repair and **roof restoration project** on the **Old Main Building** in Washington, Pennsylvania, which is the original historic classroom building of the college, and is now the main academic building at Washington & Jefferson College. Original construction for Old Main was commenced in 1834, an addition was added in 1850, and its two identical towers were added in 1875 to symbolize the union of Washington College and Jefferson College to form Washington & Jefferson College. The building is found in the National Register of Historic Places; located in the East Washington Historic District (NRHP Reference: #84000547).

There were many locations on the mansard roof that had missing, damaged, or loose slate. There was significant evidence of water damage on the interior of the building. Similarly, the flashings, ornamental trim, box gutter, and downspout system were pitted, rusting and damaged, and needed to be replaced. Even the smallest pinhole in the metal can allow significant water infiltration. In addition, in some areas of the roof, the substrate sheathing was exposed.

The intent of this project is to repair and or replace the existing flat roofed areas, flashing, skylights, and slate mansard roof. The masonry restoration is for the front facade between the towers, along with the back side of the towers. The exterior brick and stone is to be tuck-pointed and repaired as necessary, and the bronze clad doors are to be renovated.

Careful attention was used to identify and preserve the original, unique roof designs. The replaced roof system included about 12,000 SF of new flat EPDM roofing, and spot-repair of a large slate mansard that wraps around the entire perimeter. The new EPDM was installed with 3" rigid insulation, and new wood perimeter blocking. The work included downspout and partial gutter replacement, as well.

McKINLEY
ARCHITECTURE + ENGINEERING

Marshall County Schools

McNinch Primary School

Moundsville, West Virginia

Owner
Marshall County Schools

Construction Cost
$4 million ($600,000 roof package)

Project Architects-Engineers
McKinley Architecture and Engineering

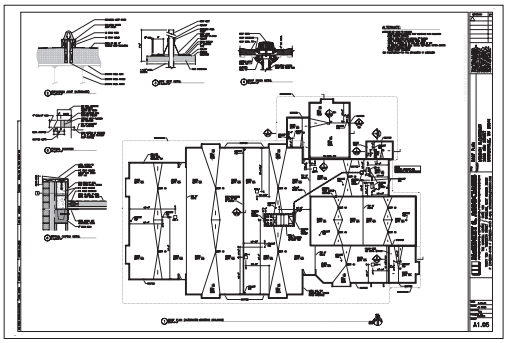

Before,


During Construction,


and After

This $4 million McNinch Primary School project included **47,423 SF of renovations**, along with 6,307 SF of additions. The 53,730 SF school is located in Moundsville, WV. **Renovations included a roof;** existing interior building space; includes gypum board partition enclosure of open-plan instructional spaces in areas of renovation; HVAC, electrical, and sprinkler work necessary to accommodate the renovations; cosmetic upgrades of floor, wall & ceiling finishes; replacement of accessories (display boards, etc,); as well as minor "wet wall" & underslab work at selected toilet rooms. The renovation of the HVAC system consisted of installing VVT Zone Dampers onto the existing ductwork to create a zoned system. A bypass line was installed between the return and the supply main. The Electrical was upgraded as necessary to accommodate renovations outlined above. We made the building handicapped accessible and provided new wheelchair stair lifts. For building security, we replaced the existing exterior entry doors and provide new interior foyer with electric access control; added security barrier cross-corridor doors and security gate at lobby area. **Additions included a roof,** multi-use room with Physical Education space, a kitchen addition, a new classroom, and a new art room. The HVAC in these areas included Single Zone Packaged Rooftop Units with DX Cooling and Electric Heating (gas heating for the kitchen) and low-pressure ductwork. There was electrical upgrades for these areas as well.

The 47,423 SF roof replacement included the removal & replacement of the existing roofing/insulation system with non-ballasted EPDM over Iso.



This single ply fully adhered membrane system, over tapered 3" rigid insulation premium (7.5" average thickness), includes all cants, flashings, saddles, etc. on the main building. There was a galvanized metal roof deck installed for structural support for the new HVAC unit. The **6,307 SF roof expansion** included the removal & replacement of existing expansion joint system with EPDM-compatible "soft" joint; selective undefined removal/replacement of existing drainage elements such as roof drains. This single ply fully adhered membrane system over 2" minimum roof insulation was a sloped roof structure for drainage at the addition. **At both roofs, there was new pre-finished aluminum copings and fascia, flashings and sheet metal, scuppers with downspouts, drains and piping, metal decking, an insulated roof hatch, walk pads for maintenance, perimeter blocking, and a roof access ladder.**

McKINLEY
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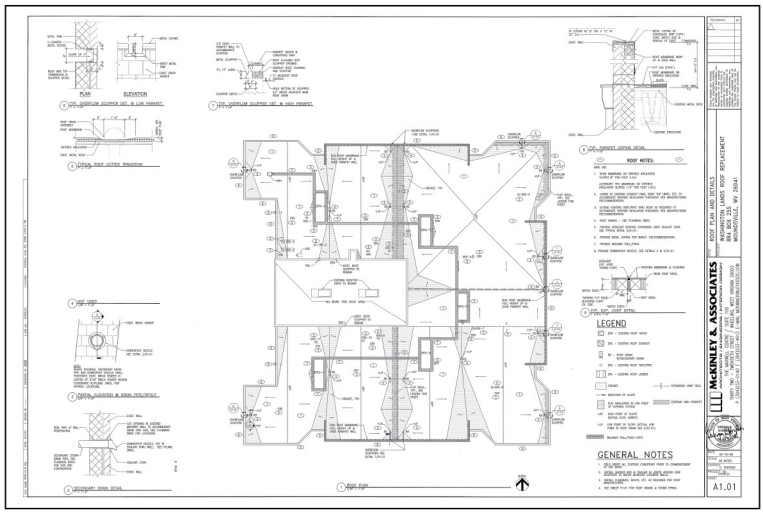
Marshall County Schools

Washington Lands Elementary roof

Moundsville, West Virginia



Owner
Marshall County Schools

Construction Cost
$703,912

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Gregg P. Dorfner, AIA

Contractor
N. F. Mansuetto & Sons, Inc.

The **$703,912 roof replacement** project for the Washington Lands Elementary School included **42,725 SF** of existing **roof demolition** and **hazardous material abatement**, and replacing it with a **single-ply fully adhered membrane system (TPO membrane system over 1.5" min. tapered insulation which includes flashing/sealants).**

The **demolition** included the removal of existing roof system and insulation down to the existing metal deck, disconnecting and removing of all piping, blocking, etc. which lays on top of the roof membrane, removal of metal coping and accessories to the top of the masonry and wood blocking, removing existing expansion joint and wood blocking to existing metal deck and framing, and removal of existing roof drains and mounting rings and prep that area to receive new roof drain replacements and provide metal deck infill to match existing.

In addition to the new membrane roof system, there was extending vents and piping to accommodate new insulation thickness, curbs to accommodate the new thickness, resilient roofing expansion joint sealant, 953 LF of new metal coping, 604 LF of walkway pads, 321 LF of 6" diameter cast iron pipe with 66 pipe hangers, 8 single-unit domed roof drains with underdeck clamps, 7 combination roof and overflow drains with underdeck clamps, 2 downspout nozzles, 8 emergency overflow scuppers, 4 scuppers with downspouts, etc. There was storm plumbing that involved cleanout, downspouts, piping expansion, storm line connections, new roof drains and connecting to new and existing rainwater conductors, etc.

Some accessories were kept for after completion of the re-roofing work, and then reinstalled, such as 200 linear feet (LF) of existing 4" diameter PVC piping.

McKINLEY
ARCHITECTURE + ENGINEERING

Ohio County Schools

2 Elementary School roofs

Ohio County, WV - county-wide

Owner
Ohio County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

Coordination Architect
Patrick J. Rymer, AIA, ALEP/CEFP

Throughout the years, we have completed **several projects** for Ohio County Schools; including **renovations, additions, upgrades, roof replacements, risk assessments, safety and vulnerability studies, evaluations and inspections, major infrastructure projects**, as well as their **10-year Comprehensive Educational Facilities Plans.**

For the May 8, 2018 election, McKinley completed Pre-Bond Services that lead to the **successful bond passage by 62%. This bond call is a result of that CEFP 2010-2020 that we developed.** The bond will provide **improvements to all the facilities within Ohio County Schools.** The bond total was for $42.2 million and when combined with funding from the School Building Authority and through an energy-saving improvements program funding total will be over $75 million. Our Pre-Bond planning for the **13 school renovations (18 total projects)** included programing, budget estimates, renderings and project boards, marketing material, attendance to public meetings, and organizing one last public informational meeting to help rally the voters to vote "Yes!". The long list of construction projects is expected to take about three years to complete. Most of the school will receive classroom renovations/additions, safety and security upgrades, HVAC and lighting upgrades, code compliance, and more. There are also **new roofs,** bleacher replacements, cafeteria additions, fire alarms, accessibility improvements, bus and drop-off upgrades, and much more.

We recently completed the **roof replacements** at both **Steenrod Elementary School** and **Elm Grove Elementary School.** The roofs were too old, past their warranty, and leaking. We replaced the failing SBS roof systems, with 20yr EPDM roof systems. These were **fast-tracked projects**, the **designs were completed in 2 months**, and the construction was completed during the summer of 2019, and were **finished ahead of schedule** - well before the start of the 2019-20 school year. These projects had zero and negative change orders!

Steenrod Elementary School included over 19,000 SF of roofing demolition and replacement, along with metal roof edge replacement, roof protection pads. The contractor was Kalkreuth Roofing & Sheet Metal, Inc.

Elm Grove Elementary School included 38,000 SF of roofing demolition and replacement, along with metal roof edge replacement, roof protection pads, modification to the existing roof drainage system, a new access hatch and access ladder. The contractor for this roof was N.F. Mansuetto & Sons, Inc.

McKINLEY
ARCHITECTURE + ENGINEERING

Wetzel County Schools

Magnolia High School roof

New Martinsville, West Virginia

Owner
Wetzel County Schools

Construction Cost
$669,655

Project Architects-Engineers
McKinley Architecture and Engineering

Project Architect
Patrick J. Rymer, AIA

Contractor
Kalkreuth Roofing & Sheet Metal, Inc.

This **$670,000** emergency parapet repair and **building roof replacement** project was performed under the emergency repair portion of SBA funding. McKinley Architecture and Engineering was retained to perform the investigation, design, and construction administration of this emergency project. **The renovations included removal, emergency repair and replacement of 240 linear feet of failing parapet and reinforcing 1652 linear feet of existing parapet.** Miscellaneous exterior safety and access improvements were also incorporated. The failing parapet had caused the existing roof decking and insulation to buckle and lift the membrane up causing a "balloon effect" bubble. This roofing project included demolition and roof structure replacement of approximately **56,365 square feet of Ballasted EPDM roof.** We replaced this system with a fully adhered EPDM roofing membrane. The building roof was also brought up to current day code requirements including the additions of Fall Protection in the form of railings along areas with existing HVAC equipment within 10' of the roof edge and also around the roof hatch. Also, the roof drainage system was now required to include a secondary (emergency) roof drainage system. Our in-house engineering department performed the needed design and also oversaw the installation of this construction. **This total construction period was performed while the school was in session and needed to maintain day to day operations.**

McKINLEY
ARCHITECTURE + ENGINEERING

References

West Virginia Independence Hall
Mr. Randall Reid-Smith
WV Division of Culture & History
1900 Kanawha Boulevard, East
Charleston, WV 25305
304 / 558-0220

Multiple Roof Replacements
Dr. Kim Miller
Superintendent
Ohio County Schools
2203 National Road
Wheeling, WV 26003
304 / 243-0300

Wagner Building & Maxwell Centre
Mr. Dennis Kozicki
The Maxwell Partners
Maxwell Centre #300
32 20th Street
Wheeling, WV 26003
304 / 232-2280

Orrick's Global Operations & Innovation Center
Mr. Will Turani
Orrick, Herrington & Sutcliffe LLP
2121 Main Street
Wheeling, WV 26003
304 / 231-2629

Multiple Roof Replacements
Mr. Thomas E. Graham
Commissioner
Jefferson County Commission
301 Market Street
Steubenville, OH 43952
740 / 283-8500

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
Architect/Engr

Proc Folder:	979934	**Reason for Modification:**
Doc Description:	EBAr70085_EOI, Roof Replacement Morgantown and Coopers Rock	
Proc Type:	Central Purchase Order	

Date Issued	Solicitation Closes	Solicitation No	Version
2022-01-18	2022-02-03 13:30	CEOI 0439 EBA2200000003	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
Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor Signature X **FEIN#** 55-0696478 **DATE** February 1, 2022

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

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
Architect/Engr

Proc Folder:	979934		**Reason for Modification:**
Doc Description:	Addendum No. 1 Roof Replacement Morgantown and Coopers Rock		Addendum No. 1 is issued to publish questions and answers
Proc Type:	Central Purchase Order		
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2022-01-26	2022-02-03 13:30	CEOI 0439 EBA2200000003	2

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

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Street : 32 20th Street - Suite 100

City : Wheeling

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

Principal Contact : Ernest Dellatorre

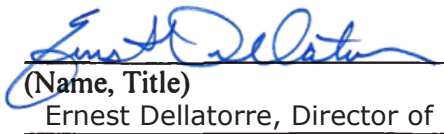
Vendor Contact Phone: (304) 233-0140 **Extension:** 115

FOR INFORMATION CONTACT THE BUYER
Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor Signature X **FEIN#** 55-0696478 **DATE** February 1, 2022

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, WV 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)

February 1, 2022

(Date)

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

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI EBA22*3

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)

- [x] Addendum No. 1
- [ ] Addendum No. 2
- [ ] Addendum No. 3
- [ ] Addendum No. 4
- [ ] Addendum No. 5
- [ ] Addendum No. 6
- [ ] Addendum No. 7
- [ ] Addendum No. 8
- [ ] Addendum No. 9
- [ ] 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 Architecture and Engineering
Company


Authorized Signature

February 1, 2022
Date

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

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 exceed 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: February 1, 2022

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 1 day of February, 2022.

My Commission expires August 27, 2025.

AFFIX SEAL HERE

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
KATHRYN McKINLEY
32 20th St. Ste. 100
Wheeling, WV 26003
My Commission Expires August 27, 2025

NOTARY PUBLIC _____