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WV PURCHASING DIVISION

West Virginia Army National Guard



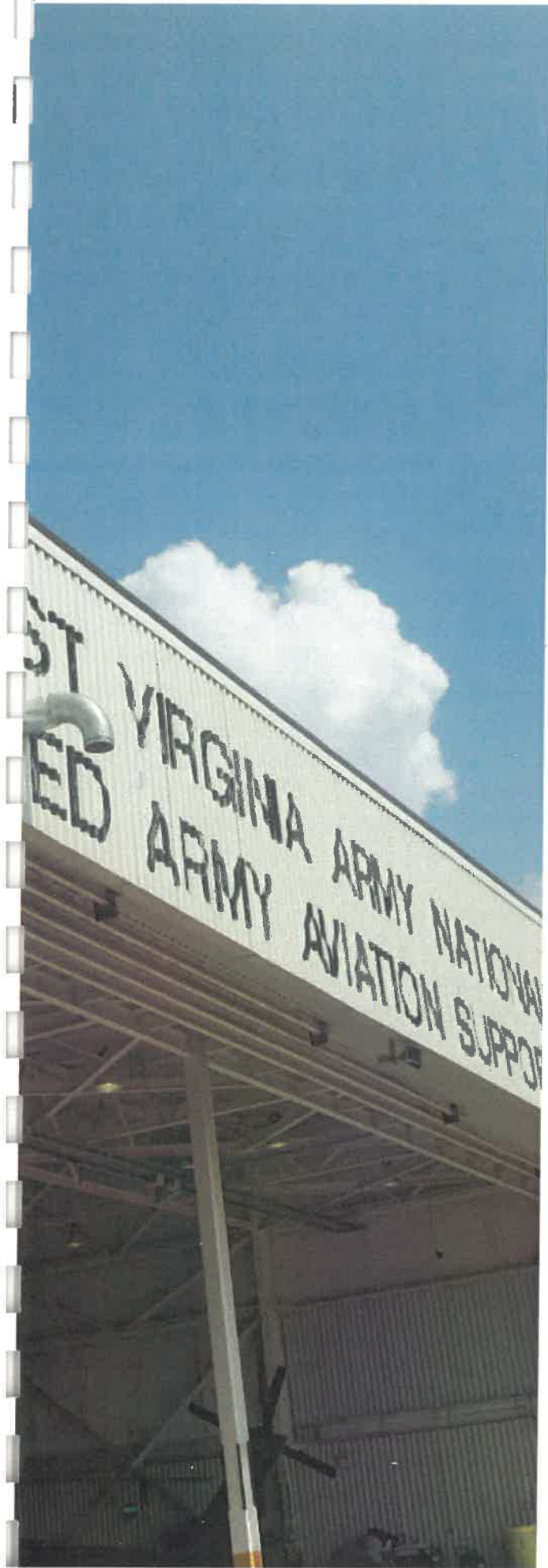
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EOI - Wheeling AASF2 -
Shower-Restroom Renovation Design

 **McKINLEY**
ARCHITECTURE + ENGINEERING

In association with:

 **POTESTA**
Engineers and Environmental Consultants



29 March 2021

David H Pauline
Bid Clerk
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 has teamed up with Potesta & Associates (McKinley Team) again, and are pleased to provide the West Virginia Army National Guard, Construction and Facilities Management Office with our Expression of Interest to provide professional architectural/engineering design services for the Wheeling AASF2 Shower-Restroom Renovation at the Wheeling Army Aviation Support Facility #2, within the flight facility. As you review this submission, we emphasize the following strengths of the McKinley Team 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. McKinley recently made the **2020 Inc. 5000 list**, the most prestigious ranking of the nation's fastest-growing private companies. **Headquartered in Wheeling**, and with offices in Charleston, WV and Pittsburgh, PA, we support a professional staff of **Architects, Engineers, Construction Administrators, a Qualified Commissioning Process Provider, an Interior Designer**, and more. Our staff also includes a **LEED Accredited Professional** and **LEED Accredited Professionals specializing in Building Design and Construction** who can add sustainable and energy efficient aspects into your project.

As our practice is and remains a **Wheeling** practice, we are dedicated more than ever to the community in which we live. We have completed hundreds of projects in Wheeling, and can easily be at your project site. We encourage you to contact our local references and ask them about the services we provide.

McKinley Architecture and Engineering has been **honored to be a partner with the West Virginia Army National Guard** for multiple projects, and we wish to continue our service with you on this project as well. **We have worked at the Wheeling AASF #2** before, when we completed the Spill Prevention, Control and Countermeasure (SPCC) Plan 5 Year Review Certifications and Amendments.

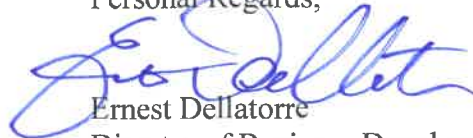
We have experience with all aspects of **restroom and shower** renovations, which has included remodeling outdated restrooms, ADA compliance, LED lighting, plumbing infrastructure upgrades, HVAC, aesthetic improvements, as well as upgrading with **energy efficient** cost-saving fixtures all of which will provide lower maintenance costs, lower water costs, and better hygiene among others.

McKinley Architecture and Engineering is on the **forefront of innovative design**. We have designed LEED Certified and LEED Registered projects, projects listed on the U.S. Environmental Protection Agency's ENERGY STAR program, and more. Not only have we won multiple State awards for our designs, we have also won many National awards and recognitions. McKinley was recognized for our commitment to sustainability and high performance green buildings, and was presented with the **Governor's Award for Leadership in Buildings Energy Efficiency**.

Potesta & Associates, Inc. is our **Asbestos/Hazardous Materials Abatement and Geotechnical Engineering, Utilities, Wastewater/Water Engineering, and Land Development Consultant**. They were founded in 1997 to provide quality engineering and environmental consulting services to a wide variety of private and public clients in West Virginia and the eastern United States. They have now grown to a large and very diverse staff that includes environmental, Licensed Remediation Specialists, toxicologists, mining and chemical engineers, surveyors, geotechnical, ecologists, geologists, hydrogeologists, occupational safety and health specialists, and more. Potesta & Associates have been involved with hundreds of asbestos inspections and reports as well as several asbestos abatement design plans.

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 the McKinley Team for your project.

Personal Regards,



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

Design Team Flow Chart

Project Manager / Main Point of Contact

■■■ Tim E. Mizer, PE, RA, QCxP

Architectural Team

■■■ Tim E. Mizer, PE, RA, QCxP

*Director of Engineering Services / Architectural Engineer /
Architect / HVAC Commissioning Process Provider*

■■■ Patrick J. Rymer, AIA, ALEP (CEFP), NCARB

Director of Architectural Services / Architect

Engineering Team

■■■ Tim E. Mizer, PE, RA, QCxP

*Director of Engineering Services / Architectural Engineer /
Architect / HVAC Commissioning Process Provider*

■■■ Kurt A. Scheer, PE, LEED AP

Senior Mechanical Engineer / LEED Accredited Professional

■■■ Richard G. Berger

Senior Mechanical Engineering Designer

■■■ David A. Ullom

Mechanical Engineering Designer

■■■ Scott D. Kain

Plumbing & Electrical Engineering Designer

■■■ Michael J. Clark Sr.

Electrical Engineering Designer

▲ Daniel L. Burns, PE, PS

Potesta Vice President / Civil-Site Engineer

▲ David B. Sharp, PE

Senior Geotechnical Engineer

Hazardous Materials Inspection / Abatement Services

▲ D. Mark Kiser, PE, LRS

*Chief Engineer, Environmental Engineering /
Licensed Remediation Specialist*

▲ David J. Corsaro, LRS

Senior Scientist / Licensed Remediation Specialist

▲ Andrew A. Kirsch

Staff Scientist / Certified Asbestos Inspector

Construction Administration

■■■ Robert E. Smith

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:

West Virginia
Ohio

Registered Architect in:

Ohio

Qualified Commissioning Process Provider

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Director of Engineering Services
Architect / Engineer / Commissioning
Wheeling, WV (1995 to present)

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

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

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

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

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in **Engineering** and **Architecture**. In addition, he is also a **Qualified Commissioning Provider**. Mizer's background as both an Architect and Engineer has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, as a qualified commissioning process provider, he has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. 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. Mr. Mizer joined McKinley Architecture and Engineering in 1995, and has over 35 years of experience.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - multiple projects, including **Wheeling AASF #2** - SPCC 5 Year Review Certifications and Amendments

West Virginia State Police - multiple projects

Chambers YMCA renovations

Steel Valley Regional Transit Authority renovations

Panhandle Cleaning & Restoration warehouse & office building

Cabela's Eastern Distribution Center

Carenbauer's Distribution Warehouse

United States Postal Service - multiple projects

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

Building 34: WV State Office Complex in Weirton

Mattern Tire Service Center

WVU State Fire Training Academy

Wheeling Island Fire Station

Raleigh County Emergency Services Authority

Nicholas Co. Division of Homeland Security & Emergency Management

The Towers Building renovations

Holiday Inn Express & Suites - 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

Patrick J. Rymer, AIA, ALEP (CEFP), NCARB

Architect

Director of Architectural Services

EDUCATION:

University of Tennessee
Bachelor of Architecture - 1999

Memphis Center for Design - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
West Virginia

Member:

The American Institute of Architects (AIA)
Accredited Learning Environment Planner (ALEP)
- [formerly known as Certified Educational
Facility Professional (CEFP)]

NCARB

IDP

ArchNet

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Wheeling, WV (2005 to present)

Capitol Engineering
Charleston, WV (2003-2005)

United Brotherhood of Carpenters & Joiners
(2000-2003)

SUMMARY OF EXPERIENCE:

Mr. Rymer, our **Director of Architectural Services**, brings 20 years of experience in the building design and construction industry, which includes being the **Architect** on multiple governmental projects. His recent relevant experience includes the project management of several projects, as well as the lead design and construction administration of various Federal, State, County Government and private projects. Bringing a diverse background from the hands on experience of an apprenticeship in the construction trades to project management of multi-million dollar facilities, Mr. Rymer has an intimate understanding of building and design on a holistic level. Patrick was just named the "**Architect of the Year**" at Project BEST's 2019 Excellence in Construction Awards Gala!

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Multiple Projects, State-Wide: Camp Dawson/Fueling Canopies*, Parkersburg Army Aviation Support Facility / Taxiway Repair*, Glen Jean WVANG-AFRC-MEPS Facility*, Parkersburg AASF Apron Rehabilitation*, Williamson Armory, WVANG Wash Pad & Military Parking*, Summersville Readiness Center*, & Lewisburg Readiness Center*

West Virginia State Police - Open End A/E Contract / multiple projects, including Jackson County Detachment, Kanawha County Troop 4 Headquarters, & Berkeley County Detachment

Regional Economic Development Office, Wheeling - Site Improvements for Orrick's Global Operations Center, & Adaptive Reuse Warehouse Study

Ohio County Commission - Cabela's Phase II Expansion

Wellsburg City Hall Building

Braxton County Senior Citizen Center / 14,000 SF Addition and Renovation / includes 3,685 SF Community Room - Auditorium

Site Improvements for St. Joseph's Cathedral / Wheeling Central Catholic High School / Diocese of Wheeling-Charleston

Brooke County Schools - NEW Brooke Middle School

Hancock County Schools - Open End Contract / multiple projects, including School Access Safety / Security upgrades

Marshall County Schools / multiple projects including NEW Cameron Middle/High School (LEED Registered)

Tyler County Schools - Open End Contract / multiple projects, including School Access Safety / Security upgrades

Wetzel County Schools - Open End Contract / multiple projects, including School Access Safety / Security upgrades

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

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

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

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*

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

Tyler County Commission - Judicial Annex Building

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

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

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.

Peter F. Loftus division of Eichleay Engineers*

Lead HVAC designer for Healthcare and University projects. Projects included West Penn Hospital North Tower, Carnegie Mellon University Center, General Motors chiller replacement and UPMC facility upgrades and additions.

SSM Industries, Inc.*

Projects worked on included Allegheny County Prison, PPG Place, West Penn Hospital, One Mellon Bank Center, Bristol Medical Center and UPMC Hospital facilities.

**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

Scott D. Kain

Plumbing & Electrical 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 plumbing, electrical, 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:

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - AASF#1 Maintenance Building & Hangar renovations

Harrison County Schools - Bridgeport High School's Wayne Jamison Field new restroom building

YMCA Elm Grove renovation

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

Building 34: WV State Office Complex in Weirton

West Virginia Health & Human Resources Wheeling Office 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 renovations

West Virginia State Police - multiple projects / new & renovations

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

Wheeling Island Hotel•Casino•Racetrack multiple projects

Orrick's Global Operations Center

Millennium Centre Technology Park

Michael J. Clark Sr.

Electrical Engineering Designer

EDUCATION:

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

Jefferson Community College
A-ATS Electrical Trade Technology - 2003

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Certified in SMAW Weld Process & Basic
Welding and Applications 2002

West Virginia Journeyman License

Ohio Fire Alarm License

OSHA 30 Certified

PROFESSIONAL EMPLOYMENT:

McKinley 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)
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
West Liberty University - West Family Stadium / Russek Field lighting & new Soccer & Track Stadium / West Family Athletic Complex
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 - A.T. Allison Elementary addition/renovations, New Manchester Elementary addition/renovations, Oak Glen High School renovations, Senator John D. Rockefeller IV Career Center HVAC renovations, Weir High renovations, Weir Middle renovations, & NEW Weirton Elementary
Harrison County Schools - NEW Johnson Elementary
The Linsly School - Baner Hall addition/renovations
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

Robert E. "Bob" Smith

Construction Administrator

EDUCATION:

University of Pittsburgh
M.S. Industrial Engineering - 1989

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Board Member:

Indian Creek School District (elected in 2009)

Instructor:

Mechanical Engineering, Eastern Gateway
Community College

President:

Mingo Business Association (2007 to present)

Commander:

American Legion Post 351 (2008 to present)

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Construction Administrator
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

Steel Valley Regional Transit Authority renovations

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

The Towers Building renovations, multiple phases including roof

Cabela's Eastern Distribution Center

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)

Ohio Co. Schools - multiple projects

Tyler Co. Schools - multiple projects

The Linsly School - Banes Hall addition/renovations and Stifel Field House / Behrens Memorial Gymnasium renovation

Harrison County Courthouse renovations

Jefferson County Courthouse renovations & Annex demo

Cameron American Legion Exterior Renovations

Lincoln National Bank Building renovations

DANA L. BURNS, P.E., P.S.

Vice President



EDUCATION

- M.S. Civil Engineering, 1979
West Virginia University
- B.S. Civil Engineering, 1978
West Virginia University

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon
1979-1994 GAI Consultants, Inc.
1978-1979 West Virginia University
1976-1977 West Virginia Department of Highways
(summers)

PROFESSIONAL REGISTRATIONS

- Professional Engineer – West Virginia, Illinois
- Professional Surveyor – West Virginia

PROFESSIONAL CERTIFICATIONS

40-Hour Health and Safety Training

AREAS OF SPECIALIZATION

Management of design and permitting of civil, environmental, geotechnical, and mining engineering projects. Siting, design, and permitting of industrial and municipal waste disposal sites; reclamation of abandoned mine lands; and development of stormwater management

plans and groundwater sampling programs. Environmental/reclamation liability assessments. Development of site plans for commercial and industrial facilities including hydrologic and hydraulic analyses. Expert witness testimony. Directs engineering division including day-to-day operation of headquarters and three branch offices concerning staffing, coordination, training, business development, and overall management of technical and support staff.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Utility extension, site grading plans, stormwater management, roadway design, and permitting for site development:

- Residential subdivisions
- Commercial developments

The Villages at Coolfont – Principal-in-Charge to provide environmental and engineering consulting services for the redevelopment of the Coolfont Recreation property in Morgan County, West Virginia to create a second home community with high-end amenities:

Tucker County Industrial Park – Principal-in-Charge for the design which included water and sewer lines, stormwater management design, roadway design, pavement design, site grading plan, master plan, and geotechnical exploration/foundation recommendations. Principal-in-Charge for site grading plans, stormwater management system, site surveying, roadway/parking lot design, wetland delineation/mitigation, and construction monitoring for the 400,000-square foot Coldwater Creek distribution center in Parkersburg, West Virginia.

Principal-in-Charge for the civil/site design for the new Sissonville Middle School in Kanawha County, West Virginia. Project included site grading plan with more than 230,000 cubic yards of earthwork to obtain 20 acres of level ground for a 74,000-square foot school, football field, soccer field, baseball field, access roadways, and parking areas. Project included utility designs for water service and sanitary and sewer. Stormwater collection systems and erosion and sediment control plan/permit completed.

D. MARK KISER, P.E., L.R.S.

Chief Engineer, Licensed Remediation Specialist



EDUCATION

B.S. Civil Engineering, 1984
West Virginia University

EMPLOYMENT HISTORY

1997-Present Potesta & Associates, Inc.
1995-1997 Terradon Corporation
1984-1995 GAI Consultants

PROFESSIONAL REGISTRATION

- Professional Engineer – West Virginia
- Licensed Remediation Specialist – West Virginia

PROFESSIONAL CERTIFICATION

- Hazardous Waste Site Operations and Superfund
- Worker Protection Training, 40-Hour Training
- Supervisory Training and Annual Refreshers
- Troxler Nuclear Densometer Certification

AREAS OF SPECIALIZATION

Environmental assessments, environmental sampling and remedial programs, conceptual and final designs for chemical, utility, and municipal solid waste disposal sites, including liner systems, leachate management systems, stormwater management systems, operational plans and capping/closure systems, abandoned mine land reclamation projects, sludge stabilization and basin/pond closure projects, environmental permitting, hydrologic

and hydraulic analyses, quality assurance/quality control monitoring.

PROFESSIONAL EXPERIENCE

Civil/ Site Design

Ridgeline, Inc./Cabela's – Retained by developer and Cabela's to provide civil engineering design services for a new Cabela's store in Charleston, West Virginia.

- ALTA survey
- Subsurface exploration
- Grading plan including balanced cut and fill for the building pad, parking fields, and access roads.
- Stormwater collection system design including curb inlets, catch basins, and culverts.
- Pavement design.
- Utility extension designs including sanitary sewer, potable water, fire service, natural gas, underground electric, underground telephone, and underground cable television.
- Permitting services
- Support for local approvals including approval from Charleston Municipal Planning Commission as a Development of Significant Impact and building permit to allow construction to begin.
- MM-109 permit to allow for connection of the store's new roadway with the existing public roadway.

Business and Industrial Development Corporation – Preparation of Utility Extension and Roadway Paving Plans for Southridge Centre - Phase 2 area. Project included preparation of bidding/construction drawings to provide natural gas, water, sanitary sewer, telephone, and cable television serving four commercial lots and a 50-lot proposed subdivision. All utilities were underground. The length of the project was approximately ½ mile. The project also included roadway paving and stormwater drainage.

Yorktowne Subdivision – Project engineer for development and construction phase services for a 50-lot subdivision in Charleston, West Virginia. Design of streets, lots, stormwater management systems, sanitary sewer mains and pump stations, water mains, underground electric, natural gas, telephone, and cable.

DAVID B. SHARP, P.E.

Branch Manager/Senior Engineer



EDUCATION

- M.S. Civil Engineering, 1995
West Virginia University
- B.S. Civil Engineering, 1993
West Virginia University

EMPLOYMENT HISTORY

- 2003-Present Potesta & Associates, Inc.
2000-2003 CTL Engineering, Inc.
1997-2000 Potesta & Associates, Inc.
1994-1997 Terradon Corporation

PROFESSIONAL REGISTRATIONS

Professional Engineer – West Virginia, Virginia, Ohio

PROFESSIONAL CERTIFICATIONS

Professional Engineer – West Virginia, Pennsylvania, Maryland, Ohio, and Kentucky

AREAS OF SPECIALIZATION

Involved with many aspects of civil engineering with a special interest in the geotechnical/environmental aspects. Responsibilities have included projects involving Civil/Site Design; Geotechnical Design, Solid Waste Management Facility Design, including geosynthetic applications; hydrologic and hydraulic design; transportation/highway projects, including geotechnical and right-of-way plans; and municipal water and wastewater projects.

PROFESSIONAL EXPERIENCE

Geotechnical

Engineer responsible for performing subsurface investigations, preparation of geotechnical reports, coordinating laboratory analysis programs, providing recommendations for lateral earth pressures, bearing capacities, modulus of subgrade reactions, settlements, and construction specifications for multi-story structures. Foundations considered have included steel H-piles, auger-cast piles, drilled piers, spread footings, and mat foundations:

- WVARNG Readiness Center – Summersville, WV
- WVARNG Camp Dawson Fueling System – Kingwood, WV
- Camp Dawson Two New Buildings – Kingwood, WV
- Rubbermaid Distribution Center Addition – Winchester, VA
- WVU Transportation Center/Parking Garage – Morgantown, WV
- Copper Beech Student Housing (included 31 buildings, parking areas, and 11,250 linear feet of retaining walls) – Morgantown, WV
- Sunnyside Commons Student Housing (included three multi-story buildings, parking, and 43,000 sq. ft. of retaining walls) – Morgantown, WV
- West Run Student Housing (includes 16 buildings, parking areas, and 50,000 sq. ft. of retaining walls) – Morgantown, WV

Civil/Site Design

Project Manager/Engineer on numerous projects involving most aspects of site development. Involvement has included civil/site design, geotechnical aspects, hydrology/hydraulics, permitting, erosion/sediment control/permitting, etc.:

- Davis & Elkins College Plaza Improvement – Elkins, WV
- University Place Parking Garage – Morgantown, WV
- Sunnyside Commons Student Housing Project
- West Run Student Housing – Morgantown, WV
- Copper Beech Student Housing (1,000 bed student housing project) – Morgantown, WV
- Morgantown Technical Services Industrial Expansion – Mt. Morris, PA

DAVID J. CORSARO, L.R.S.

Senior Scientist



EDUCATION

- M.S. Environmental Science, 2008
Marshall University
- B.S. Safety Technology, 1999
Marshall University

EMPLOYMENT HISTORY

- 2000-Present Potesta & Associates, Inc.
1997-2000 Clearon Corporation

PROFESSIONAL REGISTRATIONS

- Licensed Remediation Specialist – West Virginia
- Certified Monitoring Well Driller – West Virginia

PROFESSIONAL CERTIFICATIONS

Hazardous Waste Operations and Emergency Response – 40-hour

AREAS OF SPECIALIZATION

Educational background in industrial health/safety and environmental science. Highly experienced with West Virginia Voluntary Remediation and LUST Programs, RCRA, and CERCLA/USEPA Brownfields. Project management and field experience includes site assessment and remediation of commercial, industrial, and residential sites; environmental emergency response; and hazardous waste management.

PROFESSIONAL EXPERIENCE

Hazardous Waste/RCRA/Corrective Action

RCRA compliance assistance regarding waste analysis, recordkeeping, storage areas, applicable exemptions, and point of generation issues. Have also managed large amounts of hazardous and non-hazardous wastes as part of remediation projects.

ESAs (Phase I and II)

Phase I Environmental Site Assessments (ESAs) on various types of sites, including:

- Large land transaction totaling over 145,000 acres.
- Former industrial sites as part of a USEPA Brownfields Assessment Grant.
- Numerous active and former industrial and commercial facilities.

Phase II/Sampling ESAs, including soil boring advancement and sampling, monitoring well installation and sampling, surface water sampling, and soil gas sampling:

- West Virginia Voluntary Remediation Program (VRP).
- West Virginia Leaking Underground Storage Tank (LUST) Program.
- Resource Conservation and Recovery Act (RCRA) Corrective Action.
- Comprehensive Emergency Response, Compensation, and Liability Act (CERCLA) Site Assessment and United States Environmental Protection Agency (USEPA) Brownfields.
- Property transaction-related (*i.e.*, due diligence or baseline ESAs).

Remediation

Experienced with remediation of sites impacted by petroleum, volatile and semi-volatile organics (including chlorinated solvents), metals, dioxin, and polychlorinated biphenyls (PCBs). Experience with bioremediation (aerobic and anaerobic), excavation, slurry walls, solidification/stabilization, pump and treat, soil vapor extraction, dual phase extraction, capping, and institutional controls.

EDUCATION

- M.S. Environmental Sciences, 2003
Marshall University
- B.S. Horticulture, 1997
West Virginia University

EMPLOYMENT HISTORY

- 2003-Present Potesta & Associates, Inc.
1998-2003 Terracare, Inc.
1997-1998 Greenscape, Inc.

PROFESSIONAL CERTIFICATIONS

- Certified Asbestos Inspector – Kentucky, West Virginia, and Virginia
- OSHA 40-Hour HAZWOPER Training
- West Virginia Office of Miners' Health, Safety & Training

TRAINING/RELEVANT COURSE WORK

- 2014 – SWAMP School Wetland Delineation
- 2009 – River Assessment and Monitoring (Rosgen Level III)
- 2006 – River Morphology and Applications (Rosgen Level II)
- 2006 – Applied Fluvial Geomorphology (Rosgen Level I)

AREAS OF SPECIALIZATION

Experience in conducting and reporting environmental site assessments, biological assessments, and remediation of commercial, industrial, and residential sites, environmental emergency response, and hazardous waste management. Conducting asbestos inspections and report writing. Performing Level Riparian development and stream restoration/enhancement (Rosgen trained).

Stream and wetland delineation assessments and mitigation design. Plant physiology and identification. Principles and implementation of phytoremediation for sites of contamination. Conducted and evaluated habitat and biological surveys. Knowledgeable of mining-related activities and issues, including mountaintop mining and valley fills.

PROFESSIONAL EXPERIENCE

Asbestos

Performed numerous asbestos inspections and report writing for industrial, commercial, and residential entities:

- Kilns – Winchester, Virginia
- Waste Water Treatment Plant – Morgantown, West Virginia
- Charleston Civic Center – Charleston, West Virginia
- Residences

Construction monitoring for asbestos abatement of several large buildings located within a chemical plant in Willow Island, West Virginia.

Hazardous Waste/RCRA/Corrective Action

Performed site investigations and report writing hazardous material surveys at the following locations:

- Charleston Civic Center – Charleston, West Virginia
- Morgantown Utility Board – Morgantown, West Virginia
- Weatherford – Elkview, West Virginia

Remediation

Experienced with remediation of sites impacted by petroleum, volatile and semi-volatile organics (including chlorinated solvents), metals, dioxin, and polychlorinated biphenyls (PCBs). Experience with bioremediation (aerobic and anaerobic), excavation, slurry walls, solidification/stabilization, pump and treat, soil vapor extraction, dual phase extraction, capping, and institutional controls.

Performed monthly site inspections and reporting for multiple industrial sites including:

- A 110-acre zinc smelter site that has been capped and reclaimed as part of a remediation plan.
- Industrial landfills that have been sealed with a geotextile liner and capped.

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, Interior Design, Energy Efficient and Sustainable (LEED) Design, Commissioning, Construction Administration, and more.** We have a broad range of skill and experience for projects involving **emergency response facilities, public safety, governmental, municipal, commercial, industrial, schools, and sports & recreation** to name a few. Over the years, our firm won multiple **State and National awards and recognitions** for our designs. **McKinley has made the 2020 Inc. 5000 list, 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
LEED AP BD+C's
Historic Preservationist
Construction Admins.
HVAC Commissioning Provider
Interior Designer
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 200
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



McKINLEY
ARCHITECTURE + ENGINEERING

Project Approach

Over the years, McKinley Architecture and Engineering and Potesta & Associates have designed many relevant projects involving restrooms/showers. **We will meet ALL of your Project Goals and Objectives** which you list in Section Three, Part 4. We know this Team possesses the required expertise to address all facets of your project - from architectural and engineering services, mildew and mold abatement, lighting, meeting codes, ADA compliance and current military force protection regulations, utilities, designing to your needs, designing to budget, etc.

You will be involved and engaged throughout the design process. The most important element of the entire process becomes **communication** from you to our designers. We use and welcome your input throughout the project. Initial meetings with the users and staff will incorporate reviewing the existing plans and conditions as well as the operation of the AASF#2 flight facility, references to the codes and standard with the object goal of determining budget, design and logistical priorities for the project. Therefore, to start your project, a **kickoff meeting** will be held with all pertaining **West Virginia Army National Guard and Army Aviation Support Facility** representatives for a building walkthrough, with all the **McKinley/Potesta design professionals**. From this meeting the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phase. We will use all this information to aid in the designs of the project to **meet all of your Goals and Objectives**.



In addition to architecture and engineering, our **4 LEED Accredited Professionals** can help choose **energy efficient** options, such as lighting fixtures which use less electricity, sink and toilet options which use less water, and quiet shower fans can be used for mechanical ventilation.

Furthermore, we can also provide **interior design** services to design any furnishings and fixtures for the restrooms/showers, such as color schemes, floors, walls, cabinetry, counters, aesthetically pleasing designs, and more.



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.

Your project manager 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.



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.



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 governmental office 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 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 Building 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 Building 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!



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)
- The First LEED Certified School in the State of West Virginia!
- Building 55: West Virginia State Office Complex** in Logan, WV (LEED NC 2.2)

All of our current **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 Thom, Christina, and Jeff 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!

The 'USGBC Member Logo' is a trademark owned by the U.S. Green Building Council and is used by permission.

MCKINLEY
ARCHITECTURE + ENGINEERING

Construction Administration & On-Site Representation

Construction Administrator Involved from the Beginning of the Design Phase

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architects/Engineers

Responsible for All Construction Progress Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

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



Our **Construction Administrators** have an extra responsibility than what most firms' Construction Administrators have; our CAs are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our CAs have an important role as being the **liaison between the Owner, Contractor, and Architect**. The primary objective of the Construction Administration services is to ensure completion of work the way the client wants it - **as scheduled and as budgeted**. Our 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.

References

We feel that the best way to demonstrate our strengths and leadership is by referring to our clients. We have an ever-growing list of repeat clients. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well. So that you don't only have to take our word for it; we encourage you to call our references:

Mr. Joshua Smith, PE
Buildings & Grounds Program Manager
Maintenance Division
WVDOT Division of Highways
1900 Kanawha Boulevard, East
Building 5, Room 350
Charleston, WV 25305
304 / 887-2325

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

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

Mr. Gregory L. Melton
Director
State of West Virginia
WV Department of Administration
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304 / 558-1808

Mr. Murrey Loflin
West Virginia University
Fire Extension Services
2600 Old Mill Road
Weston, WV 26452
304 / 269-0872

Mr. Robert Herron
City Manager
City of Wheeling
1508 Chapline Street
Wheeling, WV 26003
304 / 234-3617

Mr. Rick Healy
City Manager
City of Moundsville
800 6th Street
Moundsville, WV 26041
304 / 845-6300

Mr. Christopher Petrossi
Urban Projects Director
City Planning & Zoning Commission
City of Steubenville
115 South Third Street - Suite 108
Steubenville, OH 43952
740 / 283-6000 x1702

POTESTA & ASSOCIATES, INC.

Asbestos Inspection Services

Potesta & Associates, Inc. (POTESTA) is an engineering and environmental consulting firm whose staff of professionals has completed numerous asbestos inspection services. Our qualified personnel can assist you with:

- Building Inspections for Asbestos-Containing Building Materials
- Liaison with Regulatory Agencies
- Completion and Submittal of Notification of Abatement, Demolition and Renovation Forms to the Appropriate Regulatory Agencies
- Selection of Qualified Asbestos Abatement Contractors
- Preparation of Bidding and Contract Documents
- Participation in Pre-Bid and Pre-Abatement Meetings
- Monitoring of Contractor Work Procedures During Completion of Asbestos Abatement Activities



BUILDING INSPECTIONS

State and federal regulations require that an asbestos inspection be performed by a licensed asbestos inspector prior to abatement, demolition or renovation activities. POTESTA has West Virginia and Virginia Licensed Asbestos Inspectors on staff that have conducted several hundred asbestos inspections and produced reports presenting the results of these inspections.

REGULATORY ASSISTANCE

A Notification of Abatement, Demolition and Renovation form must be completed and submitted to appropriate regulatory agencies prior to project start-up. POTESTA has developed strong working relationships with these agencies and can assist you in producing notification forms for your asbestos abatement projects.

ENGINEERING AND PROJECT MONITORING ASSISTANCE

POTESTA's asbestos inspection services also include preparing specifications, cost estimates, and bidding documents; soliciting bids from qualified contractors; assisting in the selection of a contractor; providing project management during completion of abatement activities; and monitoring contractor adherence to specifications, verifying pay quantity, and participating in dispute resolution.



POTESTA & ASSOCIATES, INC.

7012 MacCorkle Avenue, SE, Charleston, West Virginia 25304

Phone: (304) 342-1400 • Fax: (304) 343-9031 • www.potesta.com

Regional Offices: Morgantown, WV and Winchester, VA

State and federal environmental regulations require that remedial action be initiated when the release of a regulated substance into the environment has occurred or is imminent. These regulations also require that the remedial actions selected be protective of human health and the environment. Potesta & Associates, Inc.'s (POTESTA) professionals have completed many remediation projects and are qualified to assist you with:

- Remedial System Selection and Design, Installation, Operation and Maintenance
- Groundwater Investigation and Remediation
- Estimates of Probable Costs
- Stabilization/Closure of Waste Impoundments
- Landfill Closure
- Construction Monitoring
- Compliance Monitoring
- Regulatory Negotiations
- Asbestos Inspection and Planning

POTESTA personnel have completed remedial projects for sites impacted with various petroleum hydrocarbon constituents, heavy metals, pesticides and herbicides, chlorinated solvents, asbestos-containing material, and other hazardous wastes.

TOXIC AND HAZARDOUS SITES

POTESTA's personnel have completed projects involving remediation of media impacted with heavy metals such as lead and mercury, and polychlorinated biphenyls (PCBs). Remedial activities range from excavation and off-site disposal to in-situ fixation and stabilization with capping of the treated area.

WASTE IMPOUNDMENT CLOSURE

Closure of waste impoundments is accomplished in accordance with regulatory requirements. POTESTA's personnel have completed projects

utilizing such remedial technologies as sludge stabilization, excavation and off-site disposal, lining and capping.



LEAKING UST LOCATIONS

POTESTA's professionals have completed numerous remedial projects involving petroleum hydrocarbon releases from underground storage tanks. These projects have involved enhanced in-situ and ex-situ bioremediation, soil vapor extraction, air sparging, pump-and-treat and other innovative technologies.



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REMEDIAL TECHNOLOGY SELECTION

Several technologies may be used to effectively remediate a specific site. POTESTA will identify, design, install and operate safe, cost-effective treatment technologies. Data accumulated during site characterization activities are used to evaluate and select the most appropriate technologies based upon soil types, contaminant types and concentrations, and regulations.

ASBESTOS ABATEMENT

Some asbestos-containing materials pose a health risk if fibers become airborne. POTESTA's licensed asbestos inspectors can evaluate and sample suspected asbestos-containing material to determine the risk posed by the materials. Working with appropriate contractors, our asbestos project designer can develop abatement and/or management plans. We also routinely provide construction oversight during the asbestos removal stage.



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Potesta & Associates, Inc. has a significant body of work in site design for residential, commercial and industrial clients. Projects range from power plant siting to subdivision design. We have assisted numerous developers and development agencies with the creation of business industrial parks throughout West Virginia, and have been part of design teams for elementary, secondary and collegiate projects primarily associated with new building construction.

Our staff of civil, environmental, and geotechnical engineers; surveyors and environmental scientists can provide the following site planning and design services.

- Surveying – Topo and Boundary
- Base Mapping from Aerial Photography
- Geotechnical Engineering
- Land Planning
- Environmental Issues Evaluation and Mitigation
- Site Grading
- Vehicular and Pedestrian Circulation
- Utility Design
- Site Features
- Stormwater Management Plans

Some clients who have used our site design services include:

- West Virginia Development Office
- Development Authorities: Tucker, Wood, Roane and Hardy Counties
- Bright Enterprises
- Charleston Area Alliance
- University of Charleston
- Timberwolf Development Corporation
- West Virginia Department of Environmental Protection
- West Virginia Division of Natural Resources
- Marshall University
- Architects: Associated Architects; Bastian & Harris, Architects; SEM Partners; ZMM



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POTESTA & ASSOCIATES, INC.

Civil Engineering and Design

Potesta & Associates, Inc. (POTESTA) helps clients evaluate and plan projects by completing the following types of preliminary evaluations and analyses.

- Phase I Environmental Site Assessments
- Floodplain Determination
- Geotechnical Explorations Including Soil, Bedrock, and Groundwater Characterization
- Foundation Recommendations
- Monitoring Well Systems and Site Characterization Plans
- Boundary, Topographical and Photogrammetric Surveys
- Utility Planning
- Earthwork Evaluations Including Volume Analysis
- Opinion of Probable Costs/Engineer's Construction Cost Estimates

Once the project has been determined feasible, POTESTA's design professionals complete preliminary and final designs. Frequent communication is made with the client and any other design professionals to review completed activities and obtain input for the design process. Our goal is to provide our services to achieve or exceed our clients' expectations.

Our design services include:

- Erosion and Sediment Control Plans
- Earth Retaining Structures Design
- Geometric Site Layout
- Grading and Drainage Plans, Including Excavation and Fill Optimization
- Access Road Design
- Hydraulic Structure Design
- Water and Sewer Design
- Slope Stability Analysis
- Subsurface Drainage System Design
- Construction Drawings, Specifications and Contract Document Preparation

POTESTA offers experienced environmental engineers and scientists to prepare applications for various environmental permits that may be required. These services include:

- Stormwater Management Permit/Erosion and Sediment Control Plans
- Office of Air Quality Permit to Construct
- Wetland Delineation and Permits
- National Pollutant Discharge Elimination System (NPDES) Permits
- Floodplain Management Permits
- Groundwater Protection Plans
- Spill Prevention, Control and Countermeasure Plans
- Environmental Site Assessments
- Environmental Impact Statements

POTESTA routinely provides professional services throughout construction of our projects. These services include survey layout, construction management, construction monitoring, record drawing preparation, and bid evaluation assistance.



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Regional Offices: Morgantown, WV and Winchester, VA

POTESTA & ASSOCIATES, INC.

Geotechnical Engineering

Potesta & Associates, Inc.'s (POTESTA) engineers and geologists have extensive experience related to the geotechnical engineering and geological disciplines. These areas include subsurface explorations, monitoring well and piezometer installations, foundation design recommendations, slope stability analysis, retaining walls, and remedial designs as they relate to construction, mining, waste disposal, environmental remediation, and other projects.

SUBSURFACE EXPLORATIONS

POTESTA's diverse staff of engineers and geologists is experienced in the many different facets of subsurface explorations. Our usual procedure is to attend an initial meeting with the client to establish requirements and expectations, conduct a preliminary site reconnaissance, and develop a recommended exploration program for your review and approval. Supplemental information from the local area is then obtained from readily available sources to assist the engineer or geologist in making final recommendations.



POTESTA can provide field engineers and geologists who are knowledgeable using the latest technologies to assist in collecting and analyzing samples. Our knowledge of the proper procedures and familiarity with local conditions allows office

and field personnel to adjust the exploration plan if unanticipated field conditions are found.

Our staff is familiar with the following items which can be associated with subsurface exploration:

- Drilling and Rock Coring Techniques (augers, rotary bits, Geoprobe™, etc.)
- Sample Collection Methods (split spoons, shelby tubes, Geoprobe™ sleeves, etc.)
- Classification and Logging of Soil and Rock Samples
- Monitoring Well and Piezometer Installation

SLOPE STABILITY ANALYSIS AND REMEDIAL DESIGN

Slope stability is often a major concern during the design and construction phases of many projects, especially those located in the Appalachian terrain. POTESTA's engineers are familiar with the various methods utilized to predict slope stability and are capable of performing the related analyses. Slope stability is critical for many projects such as analysis of existing or proposed soil embankments, rock fills, dam analysis and design, landfill design and operation, assessing the causation of slope failure, and designing remedial measures. Analyses can involve circular or sliding block methods, interface friction angles, and estimation of the strength parameters of the soil or rock. Slope stability analyses are performed on one of the most technologically advanced computer programs available and can be modified using site specific data.

POTESTA's engineers can also develop preventive measures during initial project design or recommendations to repair slope failures. Based upon the project circumstances, our engineers will consider various remedial measures such as regrading the site to obtain more suitable conditions, management of groundwater, and design of retaining structures. Our staff is familiar with a wide variety



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of retaining structures, including gabion baskets, soldier beam and lagging walls, sheet piles, reinforced concrete and reinforced earth slopes.



FOUNDATION DESIGN RECOMMENDATIONS

POTESTA's staff has experience with various types of foundations and will recommend the appropriate type of foundation given the anticipated application and site conditions. The different types of foundations with which our staff is familiar are spread and strip footings, steel piles, auger-cast concrete piles, drilled piers, and reinforced mats.

Preliminary foundation design recommendations and cost analyses are commonly performed during the initial phases of a project to assist in determining project feasibility. As project planning progresses, the preliminary alternatives will be revised into a final recommendation which can then be incorporated into the project's construction documents or developed as an independent package for presentation to the contractor.

The final recommendation can include construction drawings, technical specifications, recommendations for allowable bearing capacity, engineer's construction cost estimate, and contractor's bid sheet.



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POTESTA & ASSOCIATES, INC.

Surveying and Mapping

Our surveyors are experienced in many aspects of surveying such as topographic mapping, boundary surveys (rural/farms, city lots, and subdivisions), ALTA surveys, control surveys, flood certificate surveys, well location surveys, construction surveys for layout of work, record drawings, and quantity measurements. Related areas include courthouse research, preparation of right-of-way plans, and verification of property owners. Potesta & Associates, Inc. (POTESTA) has licensed professional surveyors registered in West Virginia, North Carolina, South Carolina, Ohio, Virginia, and Pennsylvania. Their total combined surveying experience comes to well over 50 years.

POTESTA's surveyors use state-of-the-art equipment such as Topcon total stations, Trimble R-8 GNSS, and SMI data collectors with SMI software. Autodesk Civil 3D reduction and design software is used.

POTESTA is equipped with modern surveying instruments, allowing efficient data processing and accurate gathering of field information. Total station instruments equipped with data collectors are utilized for complete field-to-office automation allowing for high levels of productivity in the field. The latest versions of software are then used to process survey data and create drawings or required end products. These products can be supplied to our clients in AutoCAD and/or Microstation format.

Small topographic mapping projects can be completed in-house using the aforementioned process. Larger projects are better suited for mapping using aerial photography.

POTESTA can provide the necessary surveying required for establishing ground control for aerial mapping. As a quality control measure, aerial mapping is field checked for accuracy by surveying cross sections or random points.



Surveys completed by POTESTA are performed by or under the direction of a professional licensed surveyor. Surveys and mapping are completed to the standards outlined by the National Map Standards, as well as other applicable quality standards.

Our staff is experienced in global positioning surveys (GPS). GPS equipment, Trimble R-8 GNSS, and existing base stations are among POTESTA's surveying tools. Based upon the site location and ultimate use of the survey information, a recommendation is made to the client as to whether or not traditional survey or GPS is most applicable to their project.



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State-Wide Projects, including AASF#2 in Wheeling

West Virginia Army National Guard

State-Wide, West Virginia

Owner

West Virginia Army National Guard

Project Architects-Engineers

McKinley Architecture and Engineering



McKinley Architecture and Engineering has completed multiple projects for the West Virginia Army National Guard, all around the State, including full A/E design services and construction administration.

We teamed with Assemblage Architects to create 2 buildings at Camp Dawson in Kingwood, WV; the new Mountaineer ChalleNge Academy and the new Multi-Purpose Building. Our involvement in these 2 projects includes HVAC/mechanical, electrical, plumbing, and fire protection engineering, as well as construction administration services.

The new Mountaineer ChalleNge Academy building program includes classrooms, an exercise area/gymnasium, offices, support staff areas, conference, recruiting, and a full service kitchen with dining facility; these spaces will accommodate the 160 young adults/student residents living at Camp Dawson. The gymnasium accommodates physical activity, weight training, and serves as the central hub of the complex. This project won a 2011 WV AIA Merit Award.

The new Multi-Purpose Building is a permanent masonry steel-framed structure that serves as the primary physical training and event space for the Camp Dawson residents. This project won a 2014 West Virginia AIA Honor Award. The facility houses a large gymnasium, a physical fitness area, locker rooms, shower facilities, offices, and a unique entry. This project was designed with energy recovery systems, as well as daylight harvesting in the gym.

We recently completed an HVAC renovation and electrical upgrades project at the Williamstown AASF #1 main storage hangar and maintenance building.

We have also worked on dozens of SPCC (Spill Prevention, Control, and Countermeasure) Plans and Amendments State-Wide. We have won several contracts over the years, where we were selected to provide Professional Engineer certifications of SPCC Amendments at multiple facilities across West Virginia. For example, we completed a 5 year review of the existing SPCC Plans at the Wheeling Army Aviation Support Facility #2. We reviewed and evaluated the SPCC plans, the various Amendments, Site Plan and all compliance documents; conducted a site visit to compare the SPCC Plan with existing site conditions; and provided written recommendations/suggestions.

Amendment # 2 to the Spill Prevention Control and Countermeasure Plan – Wheeling Army Aviation Support Facility # 2

The following amendment is certified per 40 CFR 112.3(d).

Engineer: *Tim E. Miller*

Signature: *[Handwritten Signature]*

Registration Number: 13169

State: State of West Virginia

Date: 4 August 2014



Wheeling Island Fire Station

Wheeling, West Virginia

Owner

City of Wheeling

Size

8,000 SF approx.

Construction Cost

\$1.3 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

Christina Schessler, AIA, LEED AP BD+C

Contractor

Walters Construction



The Wheeling Island Fire Station proved to be a very exciting and interesting project for McKinley Architecture and Engineering. The station was built for the Wheeling Fire Department's Engine Company No. 5, who not only work here, but also live in this building during their shifts. The firehouse is equipped with three truck bays for Engine 5, the Regional Emergency

Response Vehicles, and also houses the Fire Department's boat during the winter months. The living quarters feature a full kitchen and shared living/dining space as well as two semi-private bedrooms plus captain's bedroom and office. There is also an equipment/storage area, locker room, laundry room, exercise room/gym, as well as a shower rinsing area for the firemen when they return from a call. The building is designed to resist flood damage with vents at the bottom floor line installed to equalize pressure of flood water. All living space was placed on the second floor, which is out of the floodplain. Additionally, there is a platform generator at the top of the 35-foot hose tower. All mechanical equipment is also on the second level. The building was designed to accommodate the modern fireman and to fit into the neighborhood, while still having the qualities of a traditional firehouse with a look that is recognizable from the street.



West Virginia University

State Fire Training Academy

Jackson's Mill, West Virginia

Owner

West Virginia University

Size

25,752 square feet including
the 8,300 sq. ft of the Arena

Construction Cost

\$4.5 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

Christina Schessler, AIA, LEED AP BD+C

The \$4.5 million WVU State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Every year, WVU Fire Extension Services uses this one-of-a-kind facility to train more than 2,000 volunteer and professional firefighters and first-responders from around the state and nation. Because of the proximity to this historic site, the design directive given by the Owner was to **blend into the rural community**. The exterior brings to mind a **barn** set into the sloping terrain in an agricultural setting. The Users we have spoken to enjoy teaching in our facility, and it contextually "fits" into the Campus and local agricultural community. There are 2 major components to the 25,752 SF building; the first is the multi-use Classroom Wing which is comprised of classrooms, offices, conference, dining and more. The second component, the 8,300 SF Arena, is an all-weather interior training facility. Having a clear interior height greater than 30' allows the full extension of authentic fire training apparatus, and for various types of vehicles and hands-on programs. There is a 1900+ SF Men's restroom/shower/locker room and a 1100+ SF Women's restroom/shower/locker room on the ground floor. The Owner requested large, 24" wide lockers, and there are 12 lockers in the Men's Locker Room and 7 in the Women's Locker

Room. The Men's room also includes 10 showers (including 1 ADA roll-in shower), 5 urinals, 4 stalls (including 1 ADA), and an equipment storage room. The Women's room also includes 4 showers (including 1 ADA roll-in shower), 4 stalls (including 1 ADA), and an equipment storage room. There are additional ME's and Women's restrooms on the first floor, as well.



J.B. Chambers Family Y.M.C.A.

Wheeling, West Virginia

Owner

Young Men's Christian Association

Size

39,960 SF

Construction Cost

\$3 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

Denis P. Gill, AIA

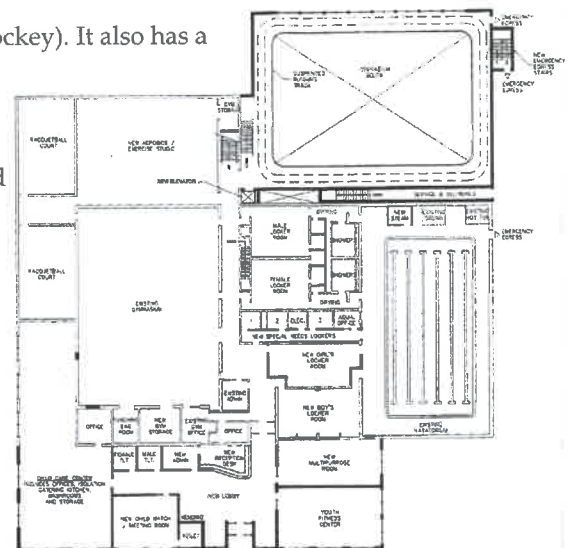
Contractor

J. D. & E.



This \$3 million upgrade project in the Elm Grove area of Wheeling involved:

- the locker rooms (girls, boys, mens, and womens) all have a new layout and include new lockers and benches. The girl's and boy's locker rooms are open areas with the lockers on the perimeter.
- the new special needs locker rooms are now located in the old toilet rooms. The toilet, sink, and shower were left in each room, but the changing area has a new layout.
- the shower rooms have new layouts, new tile, new shower heads with correct mounting, and hooks for towels.
- the pool was equipped with new piping, valves, etc., since everything was 30 years old.
- the new aquatics office has been shifted to allow the corridor. To do this, the back wall was relocated and the electrical panel had to be relocated to a different wall.
- the steam room on the pool deck is now piped to the existing boiler.
- the youth fitness center has flat benches for free weights, 3 Cybex stations, 2 stair steppers, 3 bikes, 23 total pieces of equipment, a door and a window to the office in the multi-purpose room, and access to the new lobby.
- the new aerobics / exercise studio is 11' high. It has mirrors in the space and includes storage for exercise equipment (mats, etc.).
- the new fitness center (in the second floor of the addition) has free weights, benches, and mirrors in the West room; and over 200 pieces of equipment in the East room.
- the new gymnasium is built for basketball and other activities (such as roller hockey). It also has a suspended running track.
- the new child care center has 100 to 125 lockers or storage space for gym bags, new cabinets and cold storage in the kitchen area, an eating area, and washrooms with toilets for both girls and boys.
- the new child care director's office has doors and windows facing both the child care center and the existing gymnasium, the wall adjacent to punching bag room is sound proofed, and it has proper electrical and computer jacks.
- the new director's office has new furniture, a private toilet, and can be accessed from both the corridor and the board room.
- the new office and administration spaces have new furniture and proper electrical and computer jacks for each space.
- the new board room is equipped with a large table with chairs and a kitchenette. This room can be accessed from both the corridor and the director's office.
- the multi-purpose room has an office, 2 tables with 10 chairs each, a wall mounted television with equipment for presentations, and includes access to the natatorium.
- the project also involved heat reclaim for energy conservation.



Madison Elementary School

Wheeling, West Virginia

Owner

Ohio County Schools

Size

74,820 SF approx.

Construction Cost

\$4.6 million

Project Architects-Engineers

McKinley Architecture and Engineering

Contractor

Climatech, Inc.

The \$4.6 million Madison Elementary School 2-phased renovation is one of our many projects we have completed for Ohio County Schools; our relationship has been **on-going since the 1980s**. The 74,820 SF school was built in 1916. It is now a Contributing Structure in the Wheeling Island Historic District on the National Register of Historic Places, so our design had to respect the State Historic Preservation Office standards.

The original phase of renovations and upgrades included HVAC, electrical and power distribution, plumbing, fire safety, new doors and frames, new pipe chases, brick and concrete masonry infill which matched the existing, new balcony railings in the auditorium/gymnasium, new classroom bookcases, lounge casework, kitchenette, cabinetry, new ceilings, acoustics, lighting, and painting among others. The HVAC replacement was a major goal of the project; the new **energy efficient** system included relocating the Boiler Room to the main level, to bring it out of the flood plain.

Furthermore, **the original design and construction came in just under budget, and we had available contingency and the project had minimal change orders; therefore, we were able to apply funds to other needs and the second phase.** We worked with the client and contractor, and quickly designed **basement restroom renovations** which included **ADA compliance, toilet partitions, drainage, epoxy & ceramic floors, lighting, and more.** The **ceiling grid** was chosen not only for aesthetics, but to also permit accessibility to the ductwork. Our coordination and quick design led to an easy construction transition to this phase.

Furthermore, an asbestos inspection was completed at various part of the school where renovations were going to occur. Only the teachers lounge 9 x 9 flooring tiles and mastic were 3%-5% Chrysotile ACM and had to be abated.

Both phases of renovations and restorations were completed while school was in session. The entire project involved close coordination with the State Fire Marshal.



BEFORE and AFTER

Union Educational Complex

Mt. Storm, West Virginia

Owner

Grant County Schools

Construction Cost

\$1.6 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

Christina Schessler, AIA, LEED AP BD+C

Contractors

Harbel Construction (Phase I)

G & G Builders, Inc. (Phase II)

The 65,673 SF Union Educational Complex is a PreK-thru-12th grade facility accommodating approximately 270 students from three schools: Union Elementary (Pre-K-4), Union Middle (5-8), and Union High School (9-12). This \$1.6 million **renovation and addition** project involved 2 Phases of work. This included **3,500 SF locker room/shower/restrooms renovations, 300 SF of additional renovated restrooms**, a new ADA entry, furnishings and finishes, **plumbing, HVAC, water barrier application, drainage**, electrical, lighting, a new building skin/facade, new doors and windows, school-wide fire alarm protection system, new interior ADA ramps, gymnasium floor replacement and painting, and more. Overall building improvements combine design flexibility and high performance, which involves form, function, and security features. For example, the windows are energy efficient and allow natural daylight to enter, but at the same time also obstructs exterior vision (looking in).

There was also a **3,500 SF of locker rooms/shower/restrooms renovations**. These areas included **boys/girls showers (6 each, including 1 roll-in handicap shower with folding corner shower seats), wood repairs, systems upgrades, walls and ceilings painting, floors and ceiling tiles, ADA compliance, boys toilet (2 urinals & 1 ADA stall), girls toilet (3 stalls, 1 is ADA accessible), boys office toilet, girls office toilet, toilet partitions and accessories, vanities, 200 lockers, benches, shelving, and more.**



BEFORE



AFTER

(left shower is ADA roll-in)



District-Wide Construction Program +

Hancock County, WV - county-wide

Owner
Hancock County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

Coordination Architect
Gregg P. Dorfner, AIA, REFP

McKinley Architecture and Engineering has completed over \$71 million in projects over the years for Hancock County Schools. Most recently, multiple projects were completed as a part of a \$56 million District-Wide Construction Program (funded with a \$37 million local bond vote supplemented with \$19 million from WV School Building Authority). This bond call is a result of the Comprehensive Education Facilities Plan (CEFP) that was developed by our firm. The Program included a new Weirton Elementary School (\$26.5 million), A.T. Allison Elementary additions and renovations (\$5.3 million), New Manchester Elementary additions and renovations (\$6.2 million), Oak Glen Middle wrestling room (\$784,675), Oak Glen High renovations (\$1.7 million), Oak Glen High Multi-Sports Complex/Stadium (\$4.63 million), Weir Middle School renovations (\$669,486), Weir High renovations (\$2.4 million), Weir High Multi-Sports Complex/Stadium (\$4.8 million), Senator John D. Rockefeller IV Career Center HVAC project (\$1.1 million), and 3 former elementary school demolitions. We incorporated multiple energy efficient "green" components into these projects, such as low flow plumbing fixtures, energy monitor on the main electrical gear, dimmable lighting with occupancy sensor control, and T-5 & T-5 HO fluorescent bulbs used as primary light sources throughout school to name a few. There were several restroom renovations in many schools. The entire \$56 Program was less than 1% in total non-elective change orders!



One of the District-Wide Construction Program projects was the addition/renovation project to the Allen T. (A.T.) Allison Elementary School (seen to the left, top). Improvements include restroom upgrades, ADA compliance, plumbing, electrical, life safety, security, etc. There is 1,012 SF of renovated restroom space including a total gut and rework of piping and new fixtures to fit the new design; 730 SF of refit restroom space which get replacement of flush valves, toilet seats and faucets, stop valves and p-traps; as well as 113 SF of new restroom space where we extended piping to serve supply and waste from existing restrooms. These are all now ADA Accessible. In addition, there are new exhaust fans, 6 new floor drains added to serve new mechanical equipment throughout the building, and more. Furthermore, all of the new faucets and flush valves are automatic operation.

The 2 High School Multi-Sports Complexes/Stadiums and the Field of Dreams include restrooms facilities, game locker rooms, etc. For example, Oak Glen High (seen to the left, bottom) has Visitor's side restroom/concessions building with 4 urinals and 3 stalls for the Men's (including 1 ADA), and 12 stalls for the Women's (including 1 ADA). The Home side includes 10 urinals and 6 stalls for the Men's (including 1 ADA), 27 stalls for the Women's (including ADA), and a Family toilet room. This side also includes Home and Visitor locker rooms. Moreover, the Official's room has 6 lockers, toilet, and shower. Furthermore, there are renovated shower facilities inside the adjacent Oak Glen High School.



Braxton County Senior Center

Gassaway, West Virginia

Owner

Braxton County Senior Citizen Center, Inc.

Size

13,965 SF approx.

Construction Cost

\$2.8 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

Christina Schessler, AIA, LEED AP BD+C

Contractor

Flint Construction Co.

Architectural/Engineering design for an addition and adaptive reuse/renovation of a former steak house restaurant into a **rustic-looking** multi-use senior citizen center in Gassaway, WV. The project involved the total renovation of existing building, a single story addition, site grading and drainage, landscaping improvements, renovation and expansion of parking areas (approximately 65 spaces), gravel overflow lot, and an automatic sprinkler system. Included in the structure are a community room, exercise room, arts & crafts room, audio video room, conference room (used weekly for veteran meetings), offices, kitchen, and much more. The 3,685 SF Community Room has the ability to hold 526 persons, or have dining for 246 persons for assembly with less concentrated use. The facility was designed to support events within the center, such as weddings, receptions, bingo, meetings, and much more. The center also supports a Meals On Wheels Program. **We renovated restrooms and had fit-outs. These included employee lavatories, public toilets, and assisted shower/toilet. These were built to be ADA Compliant/ handicap-accessible. There were new plumbing fixtures and toilet partitions, primary door and frame, all wall-mounted urinals, toilet accessories, floor tile, drain system, wall tile, and much more.**



UNDERGROUND UTILITY LOCATION PROJECT CAMP DAWSON

*ZMM Architects and Engineers
Kingwood, Preston County West Virginia*

Potesta & Associates, Inc. (POTESTA) performed private utility location, surveying, and engineering services for the existing utilities for approximately 150 acres of the Camp Dawson Facility in Kingwood, Preston County, West Virginia. The project consisted of locating the existing aboveground/underground utilities and providing construction documents to move the existing aboveground utilities to underground.



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CABELA'S RETAIL STORE

Cabela's Charleston, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by both the land developer and Cabela's to provide civil engineering design services for the Cabela's store in Charleston, West Virginia. The store is situated on a 10-acre parcel and includes an 80,000 square foot building, over 400 parking spaces, 3 entrances from public and private roadways, a plaza area across the front of the store, RV park area with sewage dump station, dog kennel area, and landscaping.



Specific services provided by POTESTA included:

- ALTA survey used for the lease agreement and subsequent design work.
- Subsurface exploration including sample collection and testing, geotechnical evaluation, and foundation recommendations.
- Grading plan including balanced cut and fill for the building pad, parking fields, and access roads.
- Stormwater collection system design including curb inlets, catch basins, and culverts.
- Pavement design.
- Utility extension designs including sanitary sewer, potable water, fire service, natural gas, underground electric, underground telephone, and underground cable television.
- Permitting services including coverage of site development under the state's general construction stormwater permit.
- Support for local approvals including approval from Charleston Municipal Planning Commission as a Development of Significant Impact, and building permit to allow construction to begin.
- MM-109 permit to allow for connection of the store's new roadway with the existing public roadway.



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COPPER BEECH STUDENT HOUSING

Copper Beech Townhome Communities, LLC
Morgantown, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Copper Beech Townhome Communities, LLC to prepare design plans and specifications for a proposed 40-acre student housing development, containing 31 proposed residential buildings, clubhouse, and parking. The project consisted of various constraints, such as a West Virginia County highway bordering the north side of the site, existing townhome development to the south, and an existing perennial stream bisecting the project. Also to be considered were related wetlands and ephemeral/intermittent stream channels.



In addition, many of the natural slopes on the project site in areas not affected by the stream/wetlands were two horizontal to one vertical.

POTESTA's work began with an existing layout provided by a previous design firm and moved through conceptual layout and grading activities to reduce impacts to the existing stream and wetland areas. Roughly 11,250 linear feet of retaining walls ranging up to 50 feet in height were proposed to aid in the creation of proposed roadway, parking, or building locations, while remaining out of the environmentally sensitive areas. POTESTA performed a geotechnical evaluation of the site's subsurface conditions to gather information for use with various aspects of POTESTA's scope of work. Specific services associated with POTESTA's scope included:

- Stream and Wetland Delineation and Report
- U.S. Army Corps of Engineers (USACE) Conceptual and Compensatory Mitigation Plan
- USACE 404/WV State 401 Permit
- WV Department of Environmental Protection WV/NPDES Construction Storm Water Permit
- Preparation of Construction Drawings and Technical Specifications
- Geotechnical Evaluation Through Field Underground Exploration and Report
- Storm Water Design and Incorporation into WV/NPDES Permit
- Utility Coordination-Including Sewer Main Line Relocations
- Bridge Design Coordination for Project Onsite Crossing of Stream
- Construction Stakeout of Retaining Walls, Roadways, Buildings, Utilities and Curbing
- Construction Observation and Soils Testing for Walls
- FEMA Letter of Map Revision Due to Fill (LOMR-F)
- Floodplain Permit Through Monongalia County Planning Commission



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GREENBAG ROAD COMMERCIAL DEVELOPMENT

*Glenmark Real Estate, LLC
Greenbag Road, Morgantown, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the owner/developer (Glenmark) to provide civil engineering design services for a commercial development on Greenbag Road in Morgantown, West Virginia. The development consists of two buildings totaling 12,000 square feet of commercial space. The project includes two entrances from public roadways, retaining walls, underground storm water retention systems, paved parking lots, and landscaping.

Specific services provided by POTESTA on this project included:

- Surveying – Topographic mapping, property and right-of-way boundaries, and utility locations.
- Geotechnical recommendations evaluating the soil onsite and providing suggestions concerning fill material and foundations.
- Grading plan including cut/fill for the project site, integrated AutoCAD Civil 3D/Revit modeling, entrance/roadway design and compliant sidewalks.
- Storm water collection system design including underground retention system, water quality units, curb inlets, catch basins, and connection to the City of Morgantown’s existing storm water system.
- Utility extension/connection designs including sanitary sewer, storm sewer, potable water, and fire services.
- Permitting and coordination services including coverage of site development through the West Virginia Department of Environmental Protection Construction Storm Water Permit, Morgantown Utility Board’s MS4 Storm Water Permit, City of Morgantown right-of-way coordination, as well as coordination with the owner, architect, structural engineer, and contractors.
- Technical specifications including storm water piping, subdrainage, earthwork, concrete and asphalt paving.



Underground Stormwater Storage



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VARIOUS STRUCTURES SCHEDULED FOR DEMOLITION ON HIGHWAY RIGHTS-OF-WAY

*West Virginia Department of Transportation, Division of Highways
Various Locations in West Virginia*

Potesta & Associates, Inc. (POTESTA) is currently under contract to the West Virginia Department of Transportation, Division of Highways (WVDOH) to perform asbestos inspection services on structures scheduled for demolition on highway rights-of-way. The following services are being provided by POTESTA.

POTESTA performs asbestos inspection of structures identified by the WVDOH and produces reports detailing findings of the inspections. These reports include tables listing sampling locations, number of potential asbestos containing materials (pacm), samples collected from each homogeneous area, estimated amount of pacm for each homogeneous area, and laboratory analytical results for each sample. Color photographs of the sample locations are also included in the reports. These reports are included in the bid package provided to prospective demolition contractors.



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VOLUNTARY ASSESSMENT AND REMEDIATION, ASBESTOS ABATEMENT MONITORING, DEMOLITION, AND CAP INSTALLATION MONITORING FOR THE SPELTER SMELTER FACILITY

E.I. DuPont de Nemours & Company

T.L. Diamond & Company

Harrison County

Potesta & Associates, Inc. (POTESTA) was retained to serve as Project Manager and Licensed Remediation Specialist (LRS) to assist with an Environmental Site Assessment (ESA) of an 110-acre zinc smelting site located in Harrison County, West Virginia, and entered it into the West Virginia Voluntary Remediation Program (VRP). This is the largest VRP site in the State of West Virginia. The tasks associated with this project were performed after the applicants met the necessary requirements of a United States Environmental Protection Agency (USEPA) Administrative Order of Consent (Order).



As the LRS for the project, POTESTA assisted with development of the public involvement program, the Voluntary Remediation Agreement (Agreement) and negotiated and coordinated signing of the Agreement by the Director of the West Virginia Department of Environmental Protection (WVDEP). Additionally, POTESTA assisted the applicants with preparation of the Supplemental Site Investigation Work Plan, Site Specific Health and Safety Plan, Data Quality Objectives, and Quality Assurance Project Plan in accordance with VRP guidelines.

A major step in remediating this site involved the demolition of 33 structures. The demolition activities included abatement of asbestos containing materials and establishing an on-site construction debris landfill. POTESTA provided the following services for the demolition phase:

- Performed building asbestos inspections.
- Prepared an in-depth consolidated asbestos inspection report that was submitted to the WVDEP, Division of Air Quality (DAQ) and utilized by the demolition contractor.
- Assisted in the development of an Asbestos Abatement Project Design Plan.

VOLUNTARY ASSESSMENT AND REMEDIATION, ASBESTOS
ABATEMENT MONITORING, DEMOLITION, AND CAP INSTALLATION
MONITORING FOR THE SPELTER SMELTER FACILITY
PAGE 2

- Assisted in the development of a work area air sampling plan.
- Served as liaison with the WVDEP-DAQ during asbestos abatement activities.
- Provided on-site monitoring of asbestos abatement activities.
- Assisted in the characterization of hazardous materials.
- Negotiated with the WVDEP to establish an on-site construction debris landfill.
- Performed an Ecological Evaluation of the site and the West Fork River.



The applicants and POTESTA also completed an ecological and human health risk assessment to evaluate impacts to potential receptors. Based on the risk assessment and the contaminants of concern for this site, the applicants and POTESTA performed a remediation feasibility study and developed a remediation work plan in accordance with VRP guidelines. The applicants and POTESTA designed the Engineered Cap System to encapsulate the 50-acre tailings pile.



POTESTA & ASSOCIATES, INC.
Charleston, WV • Morgantown, WV • Winchester, VA
Phone: (304) 342-1400 • Fax: (304) 343-9031 • www.potesta.com

WV DEPARTMENT OF CORRECTIONS JUVENILE DETENTION FACILITY ASBESTOS INSPECTION

*ZMM, Inc.
Institute, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by ZMM, Inc. to provide consulting services with respect to planned demolition of the West Virginia Department of Corrections Juvenile Detention Facility, in Institute, Kanawha County, West Virginia. The following services were provided by POTESTA.

POTESTA performed an asbestos inspection of two buildings associated with the Juvenile Detention Facility and produced a report detailing findings of the inspection. This report was then included in the bid package provided to prospective demolition contractors. POTESTA attended a pre-bid conference with representatives of the West Virginia Department of Corrections and ZMM, Inc. During the pre-bid meeting, POTESTA conducted a tour of the facility, pointing out locations of asbestos-containing building materials identified during the asbestos inspection. Upon selection of the general contractor, POTESTA attended a pre-demolition meeting with representatives of ZMM, Inc. and the contractor. The purpose of this meeting was to conduct a walk-through of the facility and discuss abatement procedures applicable for the types of asbestos containing building materials scheduled for abatement. POTESTA also completed and submitted the notification of abatement/demolition/renovation form to the appropriate regulatory agencies.



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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
Architect/Engr

Proc Folder: 854626			Reason for Modification:
Doc Description: EOI- Wheeling AASF2-Shower-Restroom Renovation Design			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-03-11	2021-03-31 13:30	CEOI 0603 ADJ2100000010	1

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

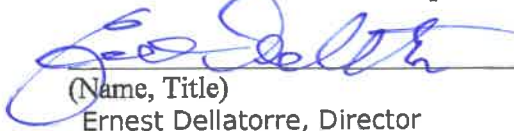
VENDOR		
Vendor Customer Code: *000000206862		
Vendor Name : McKinley Architecture and Engineering		
Address : The Maxwell Centre		
Street : 32 20th Street - Suite 100		
City : Wheeling		
State : West Virginia	Country : USA	Zip : 26003
Principal Contact : Ernest Dellatorre		
Vendor Contact Phone: (304) 233-0140	Extension: 115	

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

Vendor Signature	FEIN# 55-0696478	DATE 29 March 2021
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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

(Printed Name and Title)
The Maxwell Centre, 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.

McKinley Architecture and Engineering

(Company)



(Authorized Signature) (Representative Name, Title)

Ernest Dellatorre, Director

(Printed Name and Title of Authorized Representative)

29 March 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: *[Signature]* Date: 29 March 2021

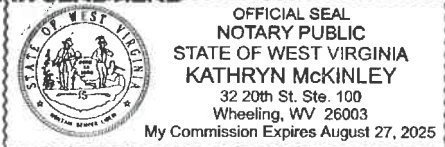
State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 29 day of March, 2021.

My Commission expires August 27, 2025

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

Per your request in the Solicitation, in GENERAL TERMS AND CONDITIONS, Part 8. INSURANCE, here are sample copies of our various Insurances and their Coverages:

ACORD CERTIFICATE OF LIABILITY INSURANCE DATE 08/05/1979 02/09/2021

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 endorsements.

PRODUCER: Paul Associates, Inc. 4311 Chapline Street PO Box 990 Wheeling WV 26003-0123 CONTACT: Amy Slower PHONE: (304)233-3303 FAX: (304)233-3333 EMAIL: aslower@paulassociates.com WEBSITE: www.paulassociates.com

INSURER A: CINCINNATI INDEMNITY 27080

INSURED: McKinley & Associates Inc. McKinley Architecture and Engineering 32 20th Street Ste 100 Wheeling WV 26003

COVERAGES: CERTIFICATE NUMBER: 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.

LINE	TYPE OF INSURANCE	CLASS CODE	POLICY NUMBER	POLICY PERIOD	POLICY EXPIRES	LIMITS
A	COMMERCIAL GENERAL LIABILITY	1000	EPP 0146335	09/15/2020	09/15/2021	EACH OCCURRENCE: \$1,000,000 DAMAGE TO RENTED: \$500,000 MED EXP (Per person): \$10,000 PERSONAL & ADV INJURY: \$1,000,000 GENERAL AGGREGATE: \$2,000,000 PRODUCTS - COMPAN AGG: \$2,000,000
A	AUTOMOBILE LIABILITY		EPP 0146335	09/15/2020	09/15/2021	COMBINED SINGLE LIMIT (Per accident): \$1,000,000 BODILY INJURY (Per person): \$500,000 BODILY INJURY (Per accident): \$500,000 PROPERTY DAMAGE (Per accident): \$100,000
A	UMBRELLA LIAB		EPP 0146335	09/15/2020	09/15/2021	EACH OCCURRENCE: \$1,000,000 AGGREGATE: \$1,000,000
	WORKERS COMPEN AND EMPLOYERS LIABILITY					E1 EACH ACCIDENT: \$1,000,000 E2 DISEASE - LA IMPLOYE: \$1,000,000 E3 DISEASE - POLICY LIMIT: \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Specimen Copy to be held for McKinley and Associates.

CERTIFICATE HOLDER: Specimen CANCELLATION: AI 005470

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: [Signature]

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ACORD CERTIFICATE OF LIABILITY INSURANCE DATE 08/05/1979 10/12/2020

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 endorsements.

PRODUCER: Steven Galco PHONE: 216-309-0047 FAX: 216-839-2815 EMAIL: sgalco@sensafcomparies.com WEBSITE: www.sensafcomparies.com

INSURER A: Continental Insurance Company 35289

INSURED: McKinley Architecture and Engineering 32 20th Street #100 Wheeling WV 26003

COVERAGES: CERTIFICATE NUMBER: 1097424532 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.

LINE	TYPE OF INSURANCE	CLASS CODE	POLICY NUMBER	POLICY PERIOD	POLICY EXPIRES	LIMITS
A	COMMERCIAL GENERAL LIABILITY	1000				EACH OCCURRENCE: \$500,000 DAMAGE TO RENTED: \$500,000 MED EXP (Per person): \$10,000 PERSONAL & ADV INJURY: \$1,000,000 GENERAL AGGREGATE: \$2,000,000 PRODUCTS - COMPAN AGG: \$2,000,000
A	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Per accident): \$1,000,000 BODILY INJURY (Per person): \$500,000 BODILY INJURY (Per accident): \$500,000 PROPERTY DAMAGE (Per accident): \$100,000
A	UMBRELLA LIAB					EACH OCCURRENCE: \$1,000,000 AGGREGATE: \$1,000,000
	WORKERS COMPEN AND EMPLOYERS LIABILITY					E1 EACH ACCIDENT: \$1,000,000 E2 DISEASE - LA EMPLOYEE: \$1,000,000 E3 DISEASE - POLICY LIMIT: \$1,000,000
A	Professional Liability		AEH591893924	10/10/2020	10/10/2021	Each Claim Aggregate: \$1,000,000 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: Specimen For Purposes of Evidencing Coverage Only CANCELLATION: AI 005470

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: [Signature]

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