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WV PURCHASING
DIVISION

MOUNTAINEER CHALLENGE ACADEMY

MOUNTAINEER CHALLENGE ACADEMY SOUTH RENOVATIONS/DESIGN

EXPRESSION OF INTEREST BY:
PICKERING ASSOCIATES



DECEMBER 17, 2019

EST. 1988

OUR MISSION

Pickering Associates is a multi-disciplined professional architectural, engineering and surveying firm providing quality services that meet or exceed our clients' expectations. We are committed to the professional development and technical advancement of our employees. We will continuously improve the delivery of our services through innovation and an entrepreneurial spirit.

TABLE OF CONTENTS

SECTIONS

- | | |
|----|----------------|
| 1 | OUR HISTORY |
| 2 | OUR TEAM |
| 3 | YOUR PROJECT |
| 5 | YOUR TEAM |
| 6 | OUR SERVICES |
| 9 | OUR EXPERIENCE |
| 12 | OUR WORK |
| 23 | RESUMES |
| 30 | REFERENCES |

Department of Administration, Purchasing Division
Mr. Guy Nisbet
2019 Washington Street, East
Charleston, WV 25305-0130



Mr. Guy Nisbet,

Pickering Associates is pleased to have the opportunity to submit this proposal for providing Architectural/Engineering services for the renovations to the Mountaineer Challenge Academy "South" located in Montgomery, WV. We feel confident our design team is very qualified to provide design services for this project.

Pickering Associates is a premier all inclusive A/E Firm located throughout West Virginia and Ohio and headquartered in Parkersburg, WV. Our office in Charleston would take the lead on this project. The following proposal outlines our technical expertise, management, staff capabilities and experience for providing high-quality engineering and architectural services. Our approach will offer advantages in methodology and delivery, which will elevate the success of your project both now and for years to come. Our firm will provide full architectural and engineering services in house to complete the scope of your project.

You will see that teamwork is the spirit and foundation of our organization. We acknowledge the importance of a quick turn-around and excellent quality services which our administrative procedures, overall organization and depth of experience are posed to provide you. As you will see from our resumes and company experience, we are qualified to offer the professional services required and to ensure that your project becomes a reality.

In thinking about the renovations to the Mountaineer Challenge Academy "South", I have several thoughts. First, we need to do a building evaluation of the structure(s) to know what items may need to be corrected or repaired. Second the facility should have its own identity. There are several options we can use to help give the Mountaineer Challenge Academy "South" its own identity. Third, the interior needs to be redesigned to accommodate the functions of Mountaineer Challenge Academy "South". We will work with the Division of Engineering and Facilities to redesign the interior to meet their needs and workflows.

I look forward to personally discussing our qualifications to complete this project on time, within budget and exceeding the standards of any firm you may have worked with previously.

Respectfully submitted,



Sean G. Simon, AIA, NCARB
Branch Manager/Project Manager/Senior Construction Administrator
304.991.6275
ssimon@pickeringusa.com

ABOUT THE COMPANY

Founded in 1988, Pickering Associates has been providing architectural, engineering and surveying services throughout West Virginia and Ohio for the past thirty years.

Our company is the product of three generations and more than 75 years of construction experience. This experience plus state-of-the-art engineering practices create a full-service, multi-discipline, architectural, engineering and surveying firm serving a wide range of needs and featuring innovative, customized solutions. Our highly qualified staff includes licensed professional engineers, professional surveyors, licensed architects, designers, and drafters as well as support personnel.

The disciplines we cover include architecture, surveying, project management, civil engineering, structural engineering, mechanical engineering, electrical engineering, process engineering, automation and control, and construction administration. Pickering Associates specializes in the above listed disciplines with education, government, healthcare, industrial, oil & gas and private sector clients.



**“WE ARE
COMMITTED TO THE
PROFESSIONAL
DEVELOPMENT AND
TECHNICAL
ADVANCEMENT OF
OUR EMPLOYEES.”**

ABOUT THE PEOPLE

In choosing Pickering Associates, your project will be performed to your specifications with frequent meetings and status reports to keep you up-to-date on the status of the project. Our sole focus is your full satisfaction with the completed quality installation.

Successfully executing more than 10,000 projects in its history, the firm has built a tremendous wealth of experience gaining insight into what works for each of our client types. Those lessons learned add substance to our work and provide our clients with unparalleled value.

Our objective is to partner with our clients improving their performance, flexibility, life-cycle cost, sustainability and ultimately well-being.

LEADERSHIP

V.P. of Marketing & Development

Traci Stotts, AIA, NCARB
Architect

C.E.O. & President

Ryan Taylor
Sr. Project Manager

Executive V.P. of Design

David Boggs, P.E., CPD
Sr. Mechanical Engineer

V.P. of Projects

Zac Campbell, P.M.P.
Sr. Project Manager

V.P. of Construction

Mark Welch, P.E.
Sr. Project Manager

DEPARTMENT LEADS

Civil Engineering

Spencer Kimble, P.E.

Electrical Engineering

Carl Henson, P.E.

Mechanical Engineering

Jeff Hosek, P.E. LEED AP (BD+C)

Piping Engineering

Patrick Flora, E.I.

Structural Engineering

Eric Smith, P.E.

Architecture

Traci Stotts, AIA, NCARB

Building Information Modeling

Chris Algin, AIA, NCARB

Construction Administration

Ronald Arnold

Surveying

Bill Showalter, P.S.

BRANCH MANAGERS

Athens

John Bentz, P.E.

Charleston

Sean Simon, AIA, NCARB

Fairmont

Pamela Wean, AIA

YOUR PROJECT

Goal/Objective 1:
Develop drawings and specifications for the purpose of advertising and awarding construction contract(s), using West Virginia State Purchasing procedures.

Pickering Associates endeavors to produce an accurate and well-coordinated set of construction documents for every project that we work on. We are very familiar with West Virginia State Purchasing procedures and guidelines.

Goal/Objective 2:
Provide drawings and specifications for a complete design including all engineering and architectural disciplines, design elements include, updated, upgrades, or repairs of the current facilities. The design shall bring all systems up to current building codes.

At Pickering Associates, we understand the importance of keeping the Client informed and engaged throughout the entire design and construction process. It is crucial to the project to get the Client involved early in the process along with other key stakeholders, in order to understand the needs of the facility. Our plan would be to engage the key stakeholders in regular design meetings to ensure expectations and schedules constraints are met.

Our design process will begin with schematic design. We feel that time spent with your staff to better understand the project, will allow us to be more efficient in completing the schematic design phase for this project and progress us to the next phase quicker than our competitors, therefore allowing us to meet your anticipated design schedule.

We always involve the authorities-having-jurisdiction during the schematic design to make certain that we address any and all concerns that they may have, thus reducing costly changes during design and/or construction. We have a close working relationship with agencies such as the West Virginia State Fire Marshal's Office and are familiar with the local and state requirements that need addressed for a wide range of projects. At the end of the schematic design phase Pickering will present rough sketches to the owner for approval. These sketches will provide the owner with the opportunity to verify that we have correctly interpreted your desired functional relationships between various activities and

spaces. The sketches will also provide the client with a general indication of the exterior design and overall look of the addition. Once schematic design is complete, we will move into the design development phase for the project.

The design development phase is a transitional phase where the design team moves into developing the contract documents. In this phase, the architects and engineers prepare drawings and other presentation documents to crystallize the design concept and describe it in terms of architectural, electrical, mechanical, and structural systems. In addition, we will also prepare an estimate of probable construction costs so you will have a better indication of anticipated project costs. By preparing this estimate early in the design process, it will allow us to identify potential cost savings that may be required to keep the project within your anticipated budget. At the end of the design development phase, the architect will provide the client with drafted to-scale drawings that will illustrate the project as it would look when it's constructed. These drawings will specifically define the site plan, floor plans and exterior elevations. It is important that the client provide input to the architect at this time as the design development drawings are used as the basis for the construction drawings and used to further develop and refine the estimate of probable construction costs for the project.

Once the Owner has approved the design development phase, the Architect prepares detailed working drawings, thus progressing into the construction document phase of the project. During this time, final drawings and specifications are produced for the project. These documents will be used for bidding the project to contractors. These drawings and specifications become part of the construction contract. The construction documents will include all necessary information to ensure that the project will be constructed as conceived by the Owner and design team. Renderings and/ or a physical 3D model can also be prepared (if desired by the client) to accurately portray the final design and to use as a marketing tool.

Goal/Objective 3:
Drawings and specifications at 35%, 65%, 95% and 100%, cost estimates are to be revised and submitted with each submittal at 35%, 65%, 95% and 100%.

In order to provide estimates for probable construction costs with accuracy, Pickering subscribes to and utilizes RS Means CostWorks On-Line. This tool provides comprehensive, localized, and up-to-date construction costs to help us create reliable estimates for our projects.

YOUR PROJECT CONTINUED...

We know the importance of not only understanding our client's budget, but also ensuring that the project is designed to fit into (and stay within) that budget. When an exterior addition is involved, we do our best to give our client a project that will not only look nice, but also provide a design that will fit into the context of the existing facility by making it look like it belongs. We do not feel that it is appropriate to over-design a project to make a statement – thus increasing construction costs and making it difficult to stay within the client's project budget. We believe that it is more important to design features into the project that will allow for a better functioning project.

We utilize cost control methods to make sure that the overall project budget does not increase without the client's knowledge or prior approval. We typically provide an updated estimate of probable construction costs for each phase of design, thus monitoring and providing control for the project budget. If scope items are added to the project during the design phase we make certain that the client understands the implications and costs associated with each change or addition - prior to officially adding it to the project.

Goal/Objective 4: Provide Construction Contract Administration and Bidding Services to the Owner.

Pickering Associates can handle the bidding & negotiation phase of the project with our experienced in-house construction administration team. We have systems in place, and are equipped to electronically distribute the bidding documents to contractors and equipment suppliers interested in bidding the project, as well as produce hard copies as required. We will assist in contacting contractors to get interest in bidding the project, answer requests for information during the bidding process, assemble addendums, schedule, coordinate and lead a pre-bid meeting, and assist the owner with bid opening and contractor evaluation. During construction administration Pickering Associates can be an agent of the owner, overseeing construction to ensure conformity to construction drawings, specifications, and standards. Pickering will assist the owner in awarding the contract, lead and coordinate weekly construction meetings, produce meeting agendas and

meeting minutes, answer RFI's from contractors, review submittals, process change orders and pay applications, perform regular site visits, complete a punch list at the end of the project, and keep the owner informed throughout the entire process. This closely monitored process helps to ensure that the final project represents the intended design as indicated in the construction documents.

Our Unique Qualities:

We believe that Pickering Associates has many unique qualities that set us apart from other firms. Below is a list of qualities that we feel are worth calling attention to:

- 1) Full Service Firm: Pickering Associates is a Full-Service A/E firm. We have all architects and engineers in-house, including surveyors. Being a full-service design firm, we can effectively and efficiently communicate with our entire team thus ensuring a well-coordinated design effort.
- 2) Our Experience: We have completed other design projects that are similar to your renovation project and have assembled an experienced project team that works well together. We understand the needs of your facility and believe that our work with the WVDNR on prior projects gives us an insight to the scope and design that other firms may not offer.
- 3) Our Technology: Pickering Associates uses Building Information Modeling (BIM), 3D Scanning, Virtual Reality, and 3D printing technology in developing our project concepts throughout the design process, as needed. These tools also allow for us to better communicate the final layout and look of the project with our clients and allows our clients to experience what the project will look like prior to construction.
- 4) Our Communication: Our Project Manager will provide consistent communication with all project stakeholders throughout the project design. We make sure that the project scope and schedule are aligned with the project requirements, and the client's desires and expectations.

YOUR PROJECT

Project Owner



The West Virginia Army National Guard
Office of the Adjutant General



LEADERSHIP

Project Manager

Sean G. Simon, AIA, NCARB
Project Manager

-
- Direct Design Leads throughout project.
 - Coordinate with client regarding status of project on a weekly basis.
 - Coordinate design deliverables to client.
 - Attend Review Meetings

DESIGN TEAM

HVAC Engineering

Jeff Hosek

Structural Engineering

Eric Smith, P.E.

Plumbing Engineering

David Boggs, P.E.

Building Information Modeling

Nick Arnold

Electrical Engineering

Mark A. Moore, P.E.

Civil Engineering

Spencer Kimble, P.E.



WHAT FULL SERVICE MEANS

CIVIC

For owners and designers, civic buildings present a unique set of challenges and opportunities in an effort to maintain, renovate and expand services provided within the facility as well as service a wide range of individuals all with different needs and abilities. While some civic projects allow a design team to start from the ground up, many civic building projects involve the adaptive reuse of an existing facility or an addition to an existing facility in order to facilitate the owner's continued demand for growth. It is also important for owners to find a team with the depth of experience in dealing within the restrictions of limited budgets, governing regulations, multiple phase oversight and approving agencies.

Civic buildings also present a unique design for the team selected for a project by the fact that potentially every component of the design will be subjected to an expanded range of users that are normally not present in other facility designs. Pickering throughout the years has been able to engage with many civic organizations to provide design and consultant services on multiple projects including court room designs, upgrades and renovations, 911 Command Centers, office facilities, fire stations, and conference centers.

Our depth of experience and staffing provides owners with the knowledge and resources to execute their projects effectively. We understand and execute projects to create facilities which meet ADA compliance, higher security through knowledgeable design practices and the use of technology, greater occupancy safety while providing our clients with scheduled phase

gate review points for proper oversight and approval, concise project management to maintain budget and schedule oversight and assistance throughout the review and approval process with governing agencies.

OUR APPROACH

With the selection of Pickering Associates, your organization gains the full depth of our organization. All projects are scheduled out through all phases of delivery by our resource manager and the project manager, assigning the necessary resources to perform to the schedule necessary for that project and highlight major milestones long before they could become an issue. With more than 60 professionals on staff, you can be confident that Pickering Associates has the resources to meet your project schedule. Because we are a full-service firm, we are able to provide a better coordinated project than firms who are required to use outside consultants. We organize regular in-house project team coordination meetings throughout the design phases of a project to discuss and resolve any issues or concerns that may arise. We feel that this face-to-face coordination with our design team is more effective and efficient than coordinating via email or over the phone.



Our close coordination efforts have proven valuable in many cases where the design schedule is accelerated and/or where there is equipment in the project that requires the effort and coordination of several disciplines.

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to more quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format that blends well with our 3D modeling and BIM workflows. This tool allows us to send a small scanning team into an existing building/space and virtually document the conditions of the area in three dimensions, including detailed color photographs throughout the scanned area for design teams to reference throughout the project. This data capture implementation is safer and more efficient for our designers. It reduces the time and equipment needed for traditional hand-measuring that our industry has been accustomed to throughout the years.

By working with Pickering Associates you will see that teamwork is the spirit and foundation of our organization. We acknowledge the importance of a quick turn-around and excellent quality services which our administrative procedures, overall organization and depth of experience are posed to provide you. As you will see from our resumes and company experience, we are uniquely qualified to offer the professional services required and to ensure that your vision becomes a reality.

OFFICE LOCATION: HEADQUARTERS

11283 Emerson Ave.
Parkersburg, WV 26104

CONTACT INFORMATION:

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Branch Manager/Project Manager
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(E) ssimon@pickeringusa.com

SERVICES:

Architecture
Interior Design
3D Model Design
Landscape Architecture
Civil Engineering
Structural Engineering
Electrical Engineering
Automations & Controls
Mechanical Engineering
Piping Engineering
Process Engineering
Surveying
Marketing Development
Construction Services
Project Management

Rated as one of the
TOP
Engineering Firms in
West Virginia.

- *The State Journal*



WHAT'S THE BIM IDEA?

Pickering Associates "IDEA" is our Integrated Design Execution Approach.

Integrated - we want our clients, contractors and end users engaged in the process of design. When the right people are involved, accessing the best information, good decisions are made.

Design Execution- refers to how we develop and optimize your project. We focus on the questions that have the most impact. We assign the right staff with the right tools

Our Approach- recognizes that projects are constantly changing and evolving as the project progresses. We tailor a plan for the project objective, maintain and monitor it so it remains optimized to achieve project goals, faster.

Pickering Associates' Integrated Design Execution Approach - our "IDEA", is a big deal, and will help your project be successful.

Building Information Modeling is a process that aligns to all aspects of our "IDEA". It is integrated, allowing easy access to project information. The software we use help understand the proposed design, coordinate, and identify the critical problems that need answers. Most importantly, Building Information Modeling is a process that fits with our Approach. Allowing the project team to evolve seamlessly as more information is available and new stakeholders are brought onto the team.

Efficient visual communication and an in-depth design understanding are the greatest assets that BIM brings to the table at Pickering Associates. The composite model allows our team to accelerate project development and simplify conversations during design reviews. Having the capability to visualize all of the design models together in a single review session aides both inter- and intra-department collaboration with all

project stakeholders like never before. Capturing all client and designer comments and feedback within a 3D model live during a review session saves countless hours of paging through "redlines" generated from traditional 2D physical paper reviews. The added capacity to search and export reports of these digital comments allows our team to capture and track design communications more efficiently than ever before.

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to more quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format the blends well with our 3D modeling and BIM work flows.

This tool allows us to send a small scanning team into an existing building/space and digitize the as-built conditions of the area in three dimensions, including detailed color photographs throughout the scanned area for design teams to reference throughout the project. This data capture implementation is safer and more efficient for our designers. It reduces the time and equipment needed for traditional hand-measuring that our industry has been accustomed to throughout the years. Granting our designers the ability to measure from a 360 degree image or point cloud with higher accuracy and faster than field measurements.

Building Information Modeling is a process that starts at integrating the team, provides access to project information, incorporates tools to understand design execution, and allows teams to focus on what matters most for the project. It perfectly complements Pickering's Integrated Design Execution Approach, and we can't wait to show you BIM and our "IDEA"s!

PAST PROJECTS/GOVERNMENTAL

City of Marietta

Marietta, OH

Phase 1,2,3 Marietta City Hall Renovations
City Hall Roof Replacement
Armory Structural & Reroofing
Duckbill Outfall
Water Treatment Plant Solids Contact Tank Painting
North Hills Elevated Water Tank
Channel Lane Culvert
Harmar & 676 Elevated Water Tanks
Sherry Dr/Hadley Ln Water LN Replacement
Additional Survey-Sherry Dr/Hadley Water
Greene ST/Colegate Dr Waterline Replacement
Armory Ground Floor Renovations
Marietta Waste Water Treatment Plant Phase 2 Services
Armory Elevator

City of Parkersburg

Parkersburg, WV

Engineering Assistance with Boiler I
Old Sumner School Site and Building Evaluation
Downtown Electrical Lighting Design
Emerson New Fire Station Design & Construction Administration
Covert Street New Fire Station Design & Construction Administration
Liberty Street New Fire Station Design
City of Parkersburg Master Planning Design

City of Vienna

Vienna, WV

New Building Addition for Police Phase 1&2
Police Department Redesign
New Senior Center Addition

Vienna Volunteer Fire Department

Vienna, WV

Vienna Volunteer Fire Station Addition
Police Station Generator Renovation

HAPCAP

Athens, Hocking, Perry, OH

South East Ohio Foodbank Freezer
Elevator Addition

Parkersburg Utility Board

Parkersburg, WV

Repair Martown Reservoir Communication
Add radio & PLC to Pettyville site
Quincy Street SCADA

Putnum Water Corporation

Marietta, OH

Pump Controls Call-Out
Solar Panel Call-out 10/2010
New Water Plant SCADA Installation
Additional Water Plant SCADA Installation
Robinson Road Waterline
Chevy Chase Manor Water Line

West Virginia Department of Natural Resources

Charleston, WV

Chief Logan Pump
New District 6 Office Design

West Virginia Army National Guard

Charleston, WV

Kenova Vehicle Exhaust HVAC Upgrades
Camp Dawson Building 215 Windows and Door Replacements
Camp Dawson Rappel Tower Renovation
Camp Dawson Structural Repairs

Parkersburg & Wood County Library

Parkersburg, WV

Library Sign Foundation
Emerson Library Roof Replacement
Emerson Library Renovation & New Entry Addition

Lubeck Utility Board

Lubeck, WV

Troubleshooting Device Net
Lookout HMI to Panelview SE Display
Install Pressure Filtration Sys PLC

State of West Virginia

Charleston, WV

Building 8 - Evaluation
Building 22 - Renovation

PAST PROJECTS/ K - 12 EDUCATION

Wood County Schools

West Virginia

Williamstown Elementary School New location Design
Parkersburg High School Library HVAC Renovation
Parkersburg High School Roof Replacement
Parkersburg South High School Field House Roof Replacement
Jefferson Elementary School 2nd Floor HVAC Renovation
Parkersburg High School Field house Electrical Upgrade
Lubeck Elementary Entry Stair Repair
Parkersburg High School Field House Roof Replacement
Parkersburg South High School Building 3 Column Repair
Erickson Field Sink Hole Repair
Blennerhassett Middle School Kitchen HVAC 2014 Roof Repairs and Replacements (Various Schools)
Edison Middle School Pump Replacement
Jackson Middle School HVAC Replacement
Edison Middle School Addition and Renovations
Structural Roof Evaluation at various Wood County Schools
Lubeck and Jackson Roof Replacement
Criss and Gihon Roof Replacement
Williamstown High School Bleacher Modifications
Martin Elementary School Chiller
Edison Middle School Foundation and Slab Repair
Jackson Middle School Structural Repair and Modifications
WCTC Welding Shop Ventilation
Hamilton Middle Boiler Replacement
Jefferson Gym Roof Replacement
2015 Roof Repairs (Various Schools)
Criss Elementary Grease Interceptor
2016 Roof Repairs (Various Schools)
Madison Elementary Grease Interceptor
Blennerhassett Middle Structural Repairs
Franklin Elementary HVAC Renovations (Multi-year Phased)
Martin Elementary HVAC Renovations (Multi-year Phased)
2017 Roof Replacements (Various Schools)
2018 Roof Replacements (Various Schools)
PHS Library HVAC Renovations

Erickson All Sport Facility Toilet and Concussion Stand
Jackson Middle School Toilet Room Renovation
Hamilton Middle Brick Repairs
McKinley Elementary Ceiling Replacement
Food Service Warehouse Freezer Addition
Lubeck Elementary Gym Floor Refurbishment
Emerson Elementary HVAC Replacement
Parkersburg High School Auxiliary Gym HVAC Replacement

Mid-Ohio Valley Technical Institute

West Virginia

Diesel Technology Addition
Welding Lab Renovations

Pendleton County Schools

West Virginia

New Franklin Elementary School

Pendleton County Schools

West Virginia

Belmont Elementary School Renovations

Randolph County Schools

West Virginia

Homestead Elementary School Roof Replacement
Harman School Renovations

Marion County Schools

West Virginia

New East Fairmont Middle School
East Fairmont Gymnasium Renovations
East Fairmont Middle School Football Field
Mannington Middle School Window Replacement
Fairmont Senior High School Renovations
East Fairmont High School Structural Report
Marion Co. Technical Center Renovations
Marion Co. Board of Education Office Renovations
Master Planning for Marion Co. Schools (Multiple Schools)

Harrison County Schools

West Virginia

Harrison County Schools - Bridgeport High School Canopy Replacement

PAST PROJECTS/ HIGHER EDUCATION

Ohio University

Athens, OH

East Green Storm Sewer
Cutler Hall Electrical Services
BioChem Facility Power Upgrade
Wolfe St. & Ollum Apartments Electrical
Chilled Water Vaults Electrical Requirements
East Union Street Chilled Water Extension
Computer Service Center PHI
Clippinger Lab Study
Innovation Center Lab Renovations
Clippinger Research Annex-Electrical
Stocker-Electron Microscope
Chillicothe-Shoemaker Boiler
Crawford Structural Repairs
Utility Tunnel Reconstruction
Storm Water Outfall at Dairy Run
Brown Hall Structural Repairs
Ryors Annex Assessment
Refrigeration Detection Study
Shively Vestibule Study and HVAC Coil
Crawford Hall AHU Replacement
Lancaster Theater Lighting
Botanical Research Bldg Flat Re-Roof
Glidden Hall Room 400 HVAC Upgrade

Ohio Valley University

Vienna, WV

Room 139 Renovation
Multi-Purpose Building Rendering
Boiler Replacement
2015 Master Plan

University of Charleston

Charleston, WV

Innovation Center New Design

Marietta College

Marietta, OH

Repair PLC Activity Center
PLC Failure Call-Out 2/8/11
Pioneer Dorm Solar Energy
Dorothy Webster-Sprinkler Main Design
Dormitory Fire Code Review
Fire Code Review-Variou Buildings
Harrison Roof Repair Observation
Irvine Hall Renovations
Soccer Field Renovation

Mills Hall Renovation
Physicians Assistant Classroom Renovation
Brown Hall Model
South 4th and 5th Masterplan
Beiser Field Station
Music Therapy Renovations Phase 1& 2
Band Hall Renovations
Student Center Renovation

West Virginia University at Parkersburg

Parkersburg, WV

One Stop Enrollment Center Addition
Second Floor Nursing Lab Renovation
Ceramic Lab Renovation
Caperton Center Chiller
ATC Parking Addition
Caperton Center Exterior Repairs
Main Building Fire Alarm Upgrade
Caperton Center HVAC
Elevator Control Upgrades
Theatre Renovations
Salt & Motorcycle Storage Building
Downtown Facade Renovations
4th Floor HVAC VFD
Building Structural Assessment
Grating Load Rating
Main Entrance Door Replacement
Student Lounge Floor Covering
Caperton Parking Lot Repavement
Access Control Main Building Phase 1&2
Multipurpose Room RTU Replacement
Science Wing Sprinkler
Child Development Center Playground
Welcome Center Renovations
Welding Tower Addition
WVUP-4th Floor HVAC Replacement
WVU-Main Parking Lot Re-Surfacing
Campus Masterplan
Jackson County Center Roof Projects
Mold Remediation and Upgrades
Toilet Renovations
Center for Early Learning Generator

Washington State Community College

Marietta, OH

Parking Lot Renovation
Roof Replacement
ADA Restroom Renovations



MID-OHIO VALLEY TECHNICAL INSTITUTE

DIESEL TECHNOLOGY ADDITION & RENOVATION

PROJECT SPECS:

PROJECT COST
\$142,000

SQUARE FOOTAGE
3,000

DESIGN COMPLETION
SEPTEMBER 2015

CONSTRUCTION COMPLETION
FEBRUARY 2016

SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
PROJECT MANAGEMENT
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

RYAN HAUGHT
DIRECTOR
P) 304-684-2464
E) RKHAUGHT@ACCESS.K12.WV.US

MOVTI was awarded a 3% grant from the WV School Building Authority to construct an addition to their automotive education facility. The 3,000 SF addition is home to the relocated machine shop, providing a better organized space and to make way for a new Diesel Technology Program. Since the project is funded with WV School Building Authority Funds, careful planning was needed to stay within the funding budget.

The addition includes spaces for the Machine Shop, one classroom, storage, and a mezzanine with a stair for additional storage. The new addition matches the adjacent existing building construction of concrete block walls, metal bar joists, acoustical metal decking, rigid roof insulation, and EPDM roofing. All visible materials match the existing as closely as possible. One new 10'x10' overhead coiling door and one man-door were added to the west end of the building, one man-door was added to the front/north wall into the classroom area, and set of double (6'-0" wide) man-doors were added to the back/south wall of the new addition. Two new openings were added to the existing wall between the existing building and new addition. One opening is approximately 10'-0" wide (with no doors), and the second opening is a man-door from the existing bay into the new classroom area. Pickering Associates performed a code review during the schematic design process that verified the proposed layout of the spaces.



PROJECT SPECS:

PROJECT COST
\$430,500

SQUARE FOOTAGE
3,880

DESIGN COMPLETION
SEPTEMBER 2015

CONSTRUCTION COMPLETION
MARCH 2016

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
STRUCTURAL
PROJECT MANAGEMENT
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

DAVID WHITE
DIRECTOR OF FACILITIES
304-424-8225
DAVE.WHITE@MAIL.WVU.EDU

West Virginia University-Parkersburg (WVU-P) wanted to renovate existing interior office space in their Main Building to house a One-Stop Welcome Center for Student Services. Pickering Associates designed a space to better serve students at the campus by combining and streamlining the financial aid, registration and enrollment process.

Pickering Associates worked with the faculty and staff of WVU-P to accommodate all student services and ensure that students were able to easily move from one department to the next. Previously, students were standing in the hallways and outside offices throughout the school taking care of scheduling, financial aid and advising. The new center uses a triage space to determine what services a student needs, and then to direct the students to advisors for enrollment, financial aid, registration, admissions and academics. Included is a comfortable waiting area, and a new testing facility.

This project was completed both ahead of schedule and under budget.





UNIVERSITY OF CHARLESTON INNOVATION CENTER

PROJECT SPECS:

PROJECT COST
\$16,000,000

SQUARE FOOTAGE
70,000

DESIGN COMPLETION
MAY 2015

CONSTRUCTION COMPLETION
JANUARY 2017

SERVICES PROVIDED

ARCHITECTURE
PROJECT MANAGEMENT
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

CLETA M. HARLESS
EXECUTIVE VICE PRESIDENT & CFO
P) 304-357-4800
E) CLETAHARLESS@UCWV.EDU

The Russell & Martha Wehrle Innovation Center and The H. Bernard Wehrle, Sr. Athletic Arena was designed as a renovation of the existing gymnasium with the addition of an innovation center. The new facility houses over 70,000 square foot on the owner's campus and marries the old facility with the new addition, while remaining true to its heritage and blending within the fabric of the campus. The original gym, completed in 1947, posed many challenges to the design and construction teams in order to bring the 70 year old building up-to-date while incorporating it into a modern building to be used for many years to come.

The program for this dramatic addition to the current gymnasium includes a large, two story atrium, a hall of fame, concessions, an innovation hub featuring exhibit space, meeting rooms, classrooms, and team work space, athletic training facilities and locker rooms, conference rooms, a Presidential Suite, video rooms, and offices.

The Innovation Center has become a prestigious gathering place for both students and the community. The University of Charleston has always been open to the community and this center epitomizes their commitment to the community. In keeping with the focus of the building and the owner's mission, every part of the building is equipped with cutting edge technology to enhance both the student's innovation and imagination while providing visitors with a stunning experience. In addition, the project truly captures the owner's focus to be a leader in innovation while remaining a great steward of the resources granted to them





PROJECT SPECS:

PROJECT COST
\$23 M

SQUARE FOOTAGE
120,566

DESIGN COMPLETION
SEPTEMBER 2009

CONSTRUCTION COMPLETION
JANUARY 2011

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

THOMAS RATILFF
DIRECTOR OF PHYSICAL PLANT
P) 304.462.6241
E) THOMAS.RATLIFF@GLENVILLE.EDU

A 6 story, 484 bed residence hall with a mix of one and two bed units on the campus of Glensville State College. A very steep site, the building exits at grade on five separate levels. The facility also contains the maintenance department on two levels, guest services, a small chapel and a student meeting room. The facility houses college maintenance offices and 484 beds in its dormitory portion. It was built on the site of an existing on-grade parking lot and several other existing buildings. The design not only provided for student dormitories, but incorporated spaces for the Glensville State College Physical Plan and Wesley Foundation.

Architectural design, HVAC design, electrical distribution engineering including a transformer and secondary underground feeder conductors, standby power systems, electrical distribution to floors, receptacles and lights, outdoor lighting and other electrical needs, interior plumbing design and all associated drawings were included in the scope.

Project Management was also a part of the scope and this included imperative design build team meetings and phone communications to complete a quality project within the allotted schedule.

This project was prior to Pickering Associates and Associated Architects merging in January 2016. Associated Architects was the Architect of Record and Pickering Associates was the Engineer of Record.





PROJECT SPECS:

PROJECT COST
\$ 4.5 M

SQUARE FOOTAGE
20,000 SF

DESIGN COMPLETION
SUMMER 2006

CONSTRUCTION COMPLETION
DATE

SERVICES PROVIDED

ARCHITECTURE
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

Prior to merging with Pickering Associates in 2016, Associated Architects was hired by the Air National Guard to design a Fire, Crash and Rescue Station for Yeager Airport. The 20,000 SQ FT facility was completed in the summer of 2006, and includes 12 apparatus bays, which were designed to be able to serve both the flight deck as well as the building on and off campus, living areas, a full kitchen and dorms.

This unit also houses the main communications for the Guard's responsive units, with high security requirements for both the protection of the building and also the flight deck. The design included unique elements such as the gravity fed foam fill stations, individual overhead waterfill stations for each bay, hazardous decontamination wash down rooms, air fill rooms and 15 second open garage doors.





PROJECT SPECS:

PROJECT COST
\$250,000

SQUARE FOOTAGE
2,300 SF

DESIGN COMPLETION
DECEMBER 2009

CONSTRUCTION COMPLETION
SEPTEMBER 2011

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
STRUCTURAL
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

DAVID WHITE
TITLE
P) (304) 424-8225
E) DAVE.WHITE@MAIL.WVU.EDU

PHASE 1

West Virginia University at Parkersburg approached Pickering Associates to do preliminary design to renovate their theater. Conceptual design including the replacement of the interior finishes, stage floor, new acoustical studies for wall and ceiling arrays, other acoustical treatments and selective demolition of existing theater components were all part of the analysis. This project demonstrates Pickering Associates' experience in Interior Design.

This project's success is based largely in the visual communications utilized to convey concepts to potential lenders and Board Officials. Interior renderings and 3D models took a flat product and turned it into a real space to both see the value of new renovations and work out issues that may have otherwise gone unnoticed until construction phases.

PHASE 2

Once funding was acquired, construction documents were prepared for the renovation of the stage, audience seating area and new ticket booth by the theater entry. The ceiling layout was redesigned for acoustics and better lighting. Angled acoustic wall partitions were designed to help acoustics and to cover up existing lighting mounts on the walls. The existing stage was removed and a new stage floor was built for presentations. Cable chases and batten systems were put in for the future upgrade of the main stage, front-of-house and back-of-house rigging systems. A new pipe grid was designed for expanded stage lighting capabilities.



MARIETTA COLLEGE

MILLS HALL RENOVATIONS

PROJECT SPECS:

PROJECT COST
\$500,000

SQUARE FOOTAGE
14,227SF

DESIGN COMPLETION
MARCH 2019

CONSTRUCTION COMPLETION
FALL 2019

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
STRUCTURAL
PIPING
PROJECT MANAGEMENT

CLIENT CONTACT

FRED SMITH
DIRECTOR OF PHYSICAL PLANT
P) (740) 376-4367
E) SMITHF@MARIETTA.EDU

Marietta College hired Pickering Associates to design renovation plans for Mills Hall on the campus to accommodate needs for the Communications and Psychology Departments. Major renovations will take place on the third floor of the building, with finish and system upgrades only on floors one and two. One wall will be added on the fifth floor to divide an existing classroom into two spaces, and existing windows will be replaced on the ground floor, basement and third floors.

Conceptual designs were completed for the third floor. The renovations will create areas for: a large classroom, a computer lab, two therapy rooms, six office spaces, a waiting area, new men/women's restrooms, and a new housekeeping closet.

There will be a new HVAC systems and LED lighting to floors one, two and three. The HVAC system on these floors is a variable refrigerant flow (VRF) system with either floor or wall mounted units and hyper-heat model heat pump. Electrical upgrades associated with this project are expected to be minimal for the new equipment installations. Upgrades will include feeder breakers for equipment from existing distribution panelboards.

Pickering Associates provided Marietta College with Architectural design, Plumbing engineering, Mechanical engineering, Electrical engineering and Structural Engineering. This project is currently in the construction phase and is set to be completed in the early Fall of 2019.



PROJECT SPECS:

PROJECT COST

\$ 400,000

SQUARE FOOTAGE

3,500

DESIGN COMPLETION

JUNE 2017

CONSTRUCTION COMPLETION

OCTOBER 2017

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

FRED SMITH
DIRECTOR OF PHYSICAL PLANT
740-376-4367
E)SMITHF@MARIETTA.EDU

Pickering Associates worked closely with Marietta College to provide renovations to an existing building on their campus for a new Music Therapy Program. The project was fast-tracked after receiving funding from a private donor who requested that the design and construction be complete within five months, so the program could be functioning for the next school year. The existing McKinney Mass Media Building at 508 Putnam Street was selected to house the program and design started immediately. The ground floor renovation area included a large cutting/group therapy room, a control room, and three isolation rooms, as well as a production studio and control room for the relocated college radio station. The first floor renovations included three therapy rooms, two observation rooms, and a storage closet for the Music Therapy program.

Due to the nature of the program, acoustical treatments was a key element in the design. Double stud walls with an air cavities were constructed, sound-proof doors and windows were used, and special attention was given to all ceilings, joints, penetrations and systems within the project areas. Soothing colors and materials were selected for the therapy areas and a state-of-the-art cutting/production studio (that could be used by both students of the Music Therapy program, and students in other majors with an interest in music) was designed.

Pickering Associates was able to efficiently and effectively work with the donor and Marietta College staff to provide permit and construction drawings in a short period of time.

PARKERSBURG & WOOD COUNTY PUBLIC LIBRARY

RENOVATIONS

PROJECT SPECS:

PROJECT COST
\$1,036,400

SQUARE FOOTAGE
33,902

DESIGN COMPLETION
JULY 2017

CONSTRUCTION COMPLETION
JANUARY 2018

The Parkersburg and Wood County Library hired Pickering Associates to perform renovations to their Emerson Branch location. The existing building is a two-story structure that was built circa 1976.

Various updates and renovations were made to the facility including a new public entrance (canopy and vestibule) on the Northeast side of the building. The new entrance provides a better public access into the building. Project also included interior modifications on the upper level to accommodate the new entrance. In addition, Pickering also designed a new children's area to the library. This area allows for the children to explore and have a section all to their own. Additional upgrades made to the facility included a new circulation desk/office area, minor site/parking lot modifications as required for new entrance, upper level HVAC modifications to the existing HVAC system, new acoustical ceilings and lighting for the upper level of the building, and minor lower level renovations to include removal of low wall in stack area and the addition of a new staff desk.

SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

BRIAN E. RAITZ
DIRECTOR
(304) 420-4587 xt. 501
RAITZB@PARK.LIB.WV.US





PROJECT SPECS:

PROJECT COST
\$378,500.00

SQUARE FOOTAGE
2,350

DESIGN COMPLETION
OCTOBER 2016

CONSTRUCTION COMPLETION
MAY 2017

SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
SURVEYING
PROJECT MANAGEMENT
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

JUSTIN MAYO
DIRECTOR
P) (740) 373-1057 EXT. 223

Pickering Associates worked with and completed bidding and construction documents for converting a former bank building in Marietta, Ohio into a new branch location for the Washington County Public Library. The project included interior renovations throughout the entire existing building of approximately 1,600 SF. The spaces that were added for the library's needs included: a main lobby area with workstations and casework, a computer lab, office areas, a reading room and miscellaneous staff and support areas. Exterior modifications included removing existing concrete curbs at the drive-thru canopy area and removing the existing pneumatic tube station system that was no longer needed. The drive-thru canopy area was however retained and modified to be used as a drop-off and pick-up lane for those wishing to use that service. Also included in the project's scope of work was a separate building for book mobile storage to the South of the existing building. A new, open, covered walkway structure was designed to connect the new building with the existing building in order to provide a weather-protected link for employees. This new building was designed to store the Library's newly acquired book mobile vehicle. Overhead garage doors were provided on either side of the new structure for the vehicle to safely pass thru the building. Storage shelving for books was also designed into the structure along with employee work areas. The new structure was designed to complement the style and exterior finish materials already present on the existing building. This building was located in the 100-year flood plain, therefore requiring special flood-proofing design and use of materials.



PROJECT SPECS:

PROJECT COST
\$600,000

SQUARE FOOTAGE
21,543

DESIGN COMPLETION
APRIL 2009

CONSTRUCTION COMPLETION
JULY 2009

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PLUMBING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

FRED SMITH
DIRECTOR PHYSICAL PLANT
(740) 376-4367
SMITHF@MARIETTA.EDU

Pickering Associates and Silverheels Construction teamed up after Marietta College purchased a local building, formerly owned by the Moose Lodge, with the intention of renovating it for use by their Physician's Assistant Program.

The existing building consisted of three floors, the first has approximately 16,600 sq. ft. and the second and third floors have approximately 2,200 sq. ft. each. The first floor was designed with a clinical instruction area, classroom area, four break-out rooms, four private exam rooms, student lounge, restroom facilities and storage areas. The second floor has reception and staff areas, conference room and restroom facilities. The third floor has six private offices and one private toilet room. The clinical area was designed with room for 18 exam tables around the perimeter of the room so that standard wall mounted equipment could be utilized. The 40-desk classroom area has computers at each station that rise from the desks when needed. The private exam rooms are each equipped with video capability so students can review their exam skills. The breakout rooms are typically used for small group sessions, while the student lounge offers a more comfortable and relaxing area for the students.

The entire building was brought up to ADA standards and even includes an ADA workstation.





SEAN G. SIMON, AIA, NCARB

BRANCH MANAGER
SENIOR CONSTRUCTION ADMINISTRATOR
PROJECT ARCHITECT
COST ESTIMATING
QUALITY REVIEW OF FINAL BID PACKAGES

BACKGROUND:

EDUCATION

CONSTRUCTION SPECIFICATIONS INSTITUTE
CONSTRUCTION DOCUMENT TECHNOLOGIST
UNIVERSITY OF TENNESSEE
PROFESSIONAL BACHELOR OF ARCHITECTURE

LICENSES

PROFESSIONAL ARCHITECT
WV

YEARS EXPERIENCE

28 YEARS

- Twenty- eight years of experience in architectural programming, design, construction document production, and construction contract administration.
- Previously the Director of Construction Services at Silling Architects.
- Project Architect for New Clean Room - Thomas Hospital, South Charleston, WV
- Project Architect for New Temporary Sterilization Building - VA of Huntington, WV
- Project Architect for South Branch Cinema 6. This project included a 6 screen movie theater, which included 3 different theater sizes and a total of 800 seats.
- Project Architect for over 10 different banking facilities located throughout Virginia and West Virginia.
- Project Architect for a one story facility for the Beckley State Police/ Department of Motor Vehicle.
- Project Architect for a new Urgent Care facility in Moorefield, WV.
- Project Architect for the Monumental sign for Robert C. Byrd Courthouse in Charleston, WV
- Project Architect for a renovation project for the Social Security and Department of Labor Office in Parkersburg, WV.
- Project Architect for construction a new vet clinic for the Lost River Vet Clinic.
- Project Architect for the construction of the original Eastern Community College.
- Project Architect for the construction of an 8,400 sf facility for the Moorefield National Guard Armory.
- Project Architect for an office headquarter design that was 2 stories at 35,000 sf and designed for a future 3rd floor.
- Project Manager for the replacement of a Linear Ac-

QUALITY IS NOT AN ACT,
IT IS A HABIT.

Aristotle



MARK MOORE, P.E.

ELECTRICAL ENGINEER

BACKGROUND:

EDUCATION

WEST VIRGINIA UNIVERSITY INSTITUTE OF
TECHNOLOGY
B.S. ELECTRICAL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
WV & MD

YEARS EXPERIENCE

18 YEARS

SUCCESS IS NO ACCIDENT.
IT IS HARD WORK, PER-
SEVERANCE, LEARNING,
STUDYING, SACRIFICE
AND MOST OF ALL, LOVE
OF WHAT YOU ARE DOING
OR LEARNING TO DO

Pele

- Electrical Engineer for Randolph County Development Authority at Armstrong Manufacturing in Beverly, WV.
- Electrical Engineer for a Commercialization Station for the City of Bluefield, WV.
- Electrical Engineer for upgrades and installation of a new building complex that allows for Fermentation, Chiller Relocation in Maxwellton, West Virginia.
- Electrical Engineer for HVAC renovations for Cabell Huntington Hospital located in Huntington, WV.
- Electrical Engineer for Ona Transmitting Station Electrical Study for WSAZ television station located in Charleston, WV.
- Electrical Engineer for renovations made at the Memorial EP Lab Charleston Area Medical Center in Charleston, WV.
- Electrical Engineer for renovations performed in the Wound Care Clinic at Cabell Huntington Hospital in conjunction with Ed Tucker Architects, in Huntington WV.
- Electrical Engineer for phase 2 renovations for the new Music Therapy program facility at Marietta College in Marietta, OH.
- Prior to joining Pickering Associates was an Electrical Engineer for Boiler replacement and renovations project for the West Virginia Capital Complex.
- Prior to joining Pickering Associates was an Electrical Engineer for a Keephills Coal Handling Project at Epcor in West Virginia.
- Electrical Design for Electrical upgrades at Mountain-er Challenge Academy in Kingwood, WV.



SPENCER KIMBLE, P.E.

CIVIL ENGINEERING DEPARTMENT MANAGER
PROJECT MANAGER
CIVIL ENGINEER

BACKGROUND:

EDUCATION

WEST VIRGINIA UNIVERSITY
B.S. CIVIL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
WV & OH

YEARS EXPERIENCE

13 YEARS

- Civil Engineer for approximately 3,925 linear foot water-line and meter replacement in Devola, OH.
- Project Manager and Civil Engineer for over 40 horizontal drilling locations throughout WV and Ohio.
- Construction manager for multiple oil and gas projects throughout Ohio and West Virginia.
- Civil Engineer for a new subdivision in Marietta, OH.
- Civil Engineer for a new retail business in Utica, OH.
- Civil Engineer for a new restaurant in Vienna, WV.
- Lead Civil Engineer for the design of \$1.8M physical therapy administrative building on Parkersburg, West Virginia.
- Civil Engineer for Phase 1 and 2 of the Larry Lang First Colony Development.
- Lead Civil Engineer for the design of two medical office buildings totaling approximately 30,000 SF near the traffic circle in Parkersburg, WV.
- Civil Engineer for two new \$8M full service maintenance facilities for state DOT operations.
- Lead Civil Engineer for construction of a new 4 story hotel in Parkersburg, WV.
- Civil Engineer for addition and renovation for the Emerson Public Library in Parkersburg, WV.
- Civil Engineer for addition and renovation for Mid Ohio Valley Technology Institute in Saint Marys, WV.
- Civil Engineer for addition and renovation for the Emerson Public Library in Parkersburg, WV.
- Civil Engineer for addition and renovation for Mid Ohio Valley Technology Institute in Saint Marys, WV.
- Civil Engineer for the addition of a new Chiller Plant to a hospital in Huntington, WV.
- Civil Engineer for the renovations to existing parking lots for a hospital in Parkersburg, WV.

**A SHIP IN PORT IS SAFE,
BUT THAT IS NOT WHAT
SHIPS ARE FOR. SAIL OUT
TO SEA AND DO NEW
THINGS.**

Rear Admiral Grace Hopper



DAVID BOGGS, P.E.

EXECUTIVE VICE PRESIDENT OF DESIGN
SENIOR MECHANICAL ENGINEER,
SENIOR PLUMBING ENGINEER

BACKGROUND:

EDUCATION

MARSHALL UNIVERSITY
M.S. ENGINEERING MANAGEMENT

VIRGINIA TECH.
B.S. MECHANICAL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
WV & OH

YEARS EXPERIENCE

23 YEARS

- Project Manager for the conversion of a multi-unit HVAC system into a more efficient single unit system at the Caperton Center located on the campus of West Virginia University at Parkersburg.
- Project Manager and plumbing engineer of record for the Mechanical, Electrical and Plumbing (MEP) services on a \$25MM high-rise dormitory at Glenville State College in Glenville, W.Va.
- Project Manager and Plumbing Engineer of record for a triple boiler system replacement to a school in Parkersburg, W.Va.
- Lead Mechanical/Plumbing Engineer of record on the design of a new science facility at Ohio Valley University in Vienna, W.Va.
- Project Manager and Lead Mechanical/Plumbing Engineer for multiple dormitory bathroom renovation projects at Marietta College in Marietta, Ohio.
- Project Manager and Lead Mechanical Engineer for multiple projects at Ohio University in Athens, Ohio.
- Project Manager and Plumbing Engineer of record for a dual boiler system replacement to a school in Parkersburg, W.Va.
- Project Manager and Plumbing Engineer of record for a potable water system repair in an elementary school in Vienna, W.Va.
- Project Manager and Plumbing Engineer of record for a new branch of National College in Parkersburg, W.Va.
- Project Manager and Piping Engineer of record for a new manufacturing facility in Millwood, W.Va..
- Lead Mechanical/Plumbing Engineer of record for a new \$7MM medical office facility in Parkersburg, W.Va.

DETERMINE THAT THE
THING CAN AND SHALL
BE DONE, AND THEN WE
SHALL FIND THE WAY.

Abraham Lincoln



JEFFREY HOSEK, P.E. LEED AP

MECHANICAL ENGINEER
LEED PROJECT ENGINEER
MECHANICAL ENGINEERING DEPARTMENT MANAGER

BACKGROUND:

EDUCATION

UNIVERSITY OF AKRON
B.S. MECHANICAL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
WV, OH, KY, PA, LA, VA & MN
LEED AP (BD&C)

YEARS EXPERIENCE

21 YEARS

- Mechanical Engineer of record for the design of a new \$25M high-rise dormitory at Glenville State College, in Glenville, W.Va.
- Lead Mechanical Engineer and Project Manager for the renovation of an existing HVAC system at a primary and middle school in Elizabeth, W.Va.
- Project Manager for intense study to assess redundant cooling to Ohio University's Computer Center in Athens, Ohio.
- Project Manager and Mechanical Engineer for the revision of exhaust duct system in the Welding Shop of Wood County Technical Center.
- Mechanical Engineer of record for the conversion of a multi-unit HVAC system at the Caperton Center on the campus of West Virginia University in Parkersburg, in Parkersburg, W.Va.
- Project Manager and Lead Mechanical Engineer for the demolition and installation of new sterilization equipment for Ohio University 'The Ridges' Konneker Research Lab.
- Project Manager and Mechanical Engineer for a new Career Center in Groveport, Ohio.
- Project Manager and Mechanical Engineer for Olenfanga School District in Columbus, Ohio for three new elementary schools, one new middle school and one new high school.
- Project Manager and Mechanical Engineer for Ironton City Schools in Ironton, Ohio for a new elementary school and a new middle school.
- Project Manager and Mechanical Engineer for renovations to Wood County Schools in West Virginia.
- Project Manager and Mechanical Engineer for renovations performed at Ohio University's Glidden Hall in Athens, Ohio.

SOMETIMES THE QUESTIONS ARE COMPLICATED AND THE ANSWERS ARE SIMPLE.

Dr. Seuss



ERIC SMITH, PE

DEPARTMENT MANAGER
STRUCTURAL ENGINEER

BACKGROUND:

EDUCATION

MARSHALL UNIVERSITY
M.S. ENGINEERING MANAGEMENT
WEST VIRGINIA UNIVERSITY
B.S. CIVIL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
WV & OH

YEARS EXPERIENCE

14 YEARS

- Structural Engineer for a renovation and addition to the Mid Ohio Valley Technology Institute in Saint Marys, West Virginia.
- Structural Engineer for Salt & Motorcycle Storage Building for West Virginia University at Parkersburg in Parkersburg, W.Va.
- Structural Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing.
- Extensive technical experience with civil, structural, and geospatial software packages including STAAD Pro, Presto, Enercalc, AutoCAD, AutoDesk Land Desktop, AutoDesk Civil 3D, and Topo USA.
- Senior Project Manager and Structural Engineer of Record for Catwalk repairs at Ohio University in Athens, Ohio.
- Structural Engineer of Record for NESHAP improvements at Eramet Marietta, Inc.
- Structural Engineer of Record for the Ohio Department of Transportation Facility of Washington County, Ohio. Project included pre-engineered metal building, tensioned fabric structures.
- City of Marietta City Hall Renovations, Marietta, Ohio.
- City of Marietta Wastewater Treatment Plant Renovations, Marietta, Ohio.
- Marietta City Armory Renovations, Marietta, Ohio.
- General Projects for Local Industrial Plants.
- Roof and Elevator Project for Christ United Methodist Church Marietta, Ohio.

PERFECTION IS NOT ATTAINABLE, BUT IF WE CHASE PERFECTION WE CAN CATCH EXCELLENCE.

Vince Lombardi



NICHOLAS M. ARNOLD

BIM COORDINATOR
ARCHITECTURAL DESIGNER
3D PRINTING TECHNICIAN
BUILDING MODELING/GRAPHIC RENDERING,
TECHNICAL SUPPORT

BACKGROUND:

EDUCATION

MARSHALL UNIVERSITY
M.S. TECHNOLOGY MANAGEMENT
MIAMI UNIVERSITY OF OHIO
B.A. ARCHITECTURE

YEARS EXPERIENCE

12 YEARS

DESIGN IS WHERE SCI-
ENCE AND ART BREAK
EVEN.

Robin Matthew

- Design Architect for the facade renovations at West Virginia University at Parkersburg's Downtown Center.
- Project Architect for the Theatre Renovations at West Virginia University at Parkersburg.
- 3D Laser Scanning Technician for various existing facility data capture efforts.
- 3D printed conceptual building addition for higher education institution in Marietta, Ohio.
- Modeler for coordination and design of a state of the art mineral wool facility in Jackson County, W.Va..
- Collected and Analyzed building/site data to develop a current inventory of spaces and use-cases for a local university to prepare for campus master planning activities.
- Digitally modeled and rendered conceptual renovation designs for a residence hall at Ohio Valley University in Vienna, W.Va. for marketing and fund raising literature.
- Field documented existing conditions at a funeral home in Belpre, Ohio for an expansion/renovation project.
- 3D Printing Technician responsible for converting 3D models, printing and developing presentation displays for a variety of building, structure, equipment and utility models for project team meetings and design reviews.
- Modeled and rendered proposed design concepts for modifications to existing conference, hospitality and classroom facilities at several local institutions.



REFERENCES



Wood County Schools Parkersburg, WV

Martin Best, Physical Plant Director
(P) (304) 420-9568
(E) martin.best@k12.wv.us

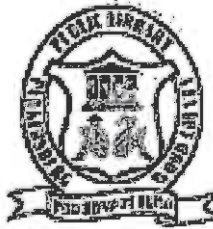
Wirt County Schools Elizabeth, WV

Daniel Metz, Superintendent
(P) (304) 275-4279



Marietta College Marietta, OH

Fred Smith, Director of Facilities
(P) (740) 376-4367
(E) smithf@marietta.com



Parkersburg and Wood County Public Library Parkersburg, WV

Brian E. Raitz, Director
(P) (304)420-4587 xt. 501
(E) raitzb@park.lib.wv.us

Washington County Public Library Marietta, WV

Justin Mayo, Director
(P) (740) 373-1057



WASHINGTON STATE COMMUNITY COLLEGE *Be Inspired. #BeWSCC*

Washington State Community College Marietta, OH

Jess Raines, CPA, VP of Finance & Operations
(P) (740) 885-5621
(E) jraines@wscc.edu

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CE01 0603 ADJ2000000001

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

Pickering Associates

Company


Authorized Signature

December 17, 2019

Date

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

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.

Sean G. Simon, AIA, NCARB / CHARLESTON BRANCH MANAGER
 (Name, Title)
 Sean G. Simon, AIA, NCARB/Charleston Branch Manager/Project Manager
 (Printed Name and Title)
 318 Lee Street, West, Suite 200, Charleston, WV 25302
 (Address)
 304-991-6275 304-345-1813
 (Phone Number) / (Fax Number)
 ssimon@pickeringusa.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.

Pickering Associates
 (Company)

Sean G. Simon, AIA, NCARB / CHARLESTON BRANCH MANAGER
 (Authorized Signature) (Representative Name, Title)

Sean G. Simon, AIA, NCARB/Charleston Branch Manager/Project Manager
 (Printed Name and Title of Authorized Representative)

December 17, 2019
 (Date)

304-991-6275 304-345-1813
 (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 owes 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: Pickering Associates

Authorized Signature: *Travis Dotts* Date: December 17, 2019

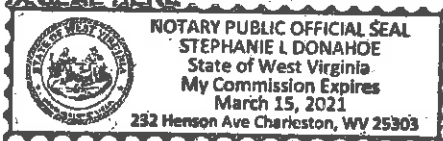
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 17th day of December, 2019

My Commission expires March 15, 2021

AFFIX SEAL HERE



NOTARY PUBLIC

Stephanie L. Donahoe

Purchasing Affidavit (Revised 01/19/2018)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts
(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Pickering Associates **Address:** 11283 Emerson Avenue
Parkersburg, WV 26104

Authorized Agent: Traci L. Stotts, AIA **Address:** Same as above

Contract Number: CEOL0603 ADI2000000001 **Contract Description:** MCA South Renovation/Design

Governmental agency awarding contract: West Virginia Army National Guard

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Ryan Taylor

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: Traci Stotts **Date Signed:** December 17, 2019

Notary Verification

State of West Virginia, County of Kanawha:

I, Traci L. Stotts, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 17th day of December, 2019.

Stephanie L. Donahoe
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

