

A/E Services for West Virginia Army National Guard

04/14/20 16:04:19
WV Purchasing Division

CAMP DAWSON AIRFIELD SUPPORT FACILITIES CEOI 0603 ADJ2000000007

EXPRESSION OF INTEREST BY:
PICKERING ASSOCIATES

April 15, 2020



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.

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Department of Administration, Purchasing Division
Ms. Tara Lyle, Buyer Supervisor
2019 Washington Street, East
Charleston, WV 25305-0130



Ms. Lyle,

Pickering Associates is pleased to have the opportunity to submit this proposal for providing Architectural and Engineering services for the complete renovation of the WVANG Airfield Support Buildings at Camp Dawson located near Kingwood, WV. The professional staff at Pickering Associates will provide full-service delivery to achieve a complete and successful project. We are confident that our experience with renovation projects all over WV and OH will prove to be beneficial to you during all phases of design and construction.

Your project is important to us and we will take the time to get to know the facility as well as the needs and requirements for this project. Our understanding is that the project requires professional services for architectural and engineering. The scope of work currently includes a renovation of Building 401 for HVAC and exterior doors and windows as well as a complete renovation of Building 406 including a new floor plan. The renovations will meet all current building codes, ADA compliance and current military force protection regulations. Having all engineering services in-house will allow us to easily adhere to this scope of work, or to add or modify the scope of work as needed.

Our approach to your project is outlined in this proposal, starting with our procedure for communication. We understand the importance of keeping the Client informed and engaged throughout the entire design and construction process, and we feel that communication is the key to any successful project. Pickering will begin the design process with a face to face organizational meeting with all stakeholders to introduce the project team, discuss and define the scope of work, and to kick-off the project design. After this initial meeting, our Project Manager will work with the design team to provide you with a well-designed and coordinated project, while keeping you informed throughout the entire process. We will also demonstrate our strict adherence to schedules and budget, and our reputation for excellent quality service that results in accurate construction documents. Our team has extensive experience with occupied space renovations, and we are aware of the challenges, concerns, and issues that will need to be addressed throughout design and construction.

Some challenges that can occur with renovation projects can come from multiple sources, but most will stem from the uniqueness of each building and the conditions found in each. Through the years, Pickering has taken pride in finding unique solutions to some of the most challenging problems. You will find a growing list of repeat clients who come back to Pickering because of the importance we place on every job we work on as well as every single client we interact. We encourage you to contact our references to discuss their experience working with us.

We 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,

A handwritten signature in blue ink that reads 'Pamela Wean'.

Pamela Wean, AIA
Fairmont Branch Manager | Project Manager
304.464.5305 EXT: 5001
pwean@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 Algmin, AIA, NCARB

Construction Administration

Ronald Arnold

Surveying

Bill Showalter, P.S.

BRANCH MANAGERS

Athens

John Bentz, P.E.

Fairmont

Pamela Wean, AIA

Charleston

Sean Simon, AIA, NCARB

YOUR PROJECT

Pickering Associates takes pride in our approach to projects and project management. We strive to deliver consistent projects that execute our Client's expectations.

Our project manager, Pam Wean, will communicate with each design discipline through all phases of design and construction to ensure the project is well coordinated. She will keep the WVANG informed throughout the entire process and confirm information gets distributed to the entire team. Communication will be consistent from the project kickoff meeting through closeout. Pam will also lead in the development of the project schedule in conjunction with WVANG.

Goal/Objective 1:

Provide a complete design including all engineering and architectural disciplines and supervision thereof, to prepare construction bid documents for West Virginia State Purchasing. Key design elements include, HVAC design, replacement of windows and doors, updated floor plan to include additional office spaces and an additional lounge, and movement of airfield control devices..

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.

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 examining the existing conditions including any equipment and facilities. The results of the examination will be incorporated into a 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, 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 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 preliminary designs to the client for approval. These designs will provide the client with the opportunity to verify that we have correctly interpreted your desired functional relationships between various activities and spaces. 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 help you visualize 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.

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.

YOUR PROJECT CONTINUED...

Goal/Objective 2:

Renovation of Building 401 shall be HVAC, exterior doors and windows only. Renovation of Building 406 shall be a complete renovation to include a new floor plan.

The designers at Pickering Associates have extensive experience designing renovation projects for a variety of clients. Nearly all renovation projects include window and door replacement, and many include HVAC upgrades. We recently provided design services for window and door replacement at Building 215 at Camp Dawson, which required Force Protection design. We have also designed many offices along with associated spaces, including lounges. Our experience is outlined in this proposal.

Goal/Objective 3:

Designer shall be responsible for researching and investigating the location of existing utilities, and to provide drawings and specificatins of any and all utility changes.

Because we have in-house Civil, Plumbing, Mechanical and Electrical engineering teams, we can utilize their services to locate utilities and design modifications as needed for the new renovations.

Goal/Objective 4:

Drawings, specifications and cost estimates are to be submitted at 35%, 65%, 95% and 100%. Designer may submit 35%, 65% and 95% drawings and specificatins digitally and 3 hard copies. Cost estimates are to be divided into three catefories sustainment, restoration and modernization; definitions of such will be provided to the awarded firm. Also, energy savings items, example, windows and LED lights are to be identified and their associated costs.

In order to provide estimates for probable construction costs with accuracy, Pickering subscribes to and utilizes RS Means CostWorks On-Line. This tool provides com-

prehensive, localized, and up-to-date construction costs to help us create reliable estimates for our projects.

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. 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 will provide an updated estimate of probable construction costs for 35%, 65%, 95% and 100% phases of design, thus monitoring and providing control for the project budget. Drawings and specifications will be submitted along with the cost estimates at the 35%, 65%, 95% and 100% milestones. 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 5:

Provide construction bid 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.

If our services are required 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. expectations

YOUR PROJECT TEAM



Project Owner

WV Army National Guard
Construction and Facilities Management Office



LEADERSHIP

Project Manager

Pam Wean, AIA
Project Manager

Pam has extensive experience working on a variety of projects including office renovations, commercial expansions and civic projects. As a long-time resident and the manager of the Fairmont office, Pam provides over 35 years' experience in architectural services and project management expertise.

DESIGN TEAM

HVAC Engineering

Jeff Hosek, PE

Structural Engineering

Eric Smith, PE

Piping Engineering

Patrick Flora, EI

Construction Estimation

Ron Arnold

Electrical Engineering

Mark Moore



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 poised 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:
FAIRMONT, W.VA.

320 Adams Street, Suite 102
Fairmont, WV 26554

70 miles from Camp Dawson

CONTACT INFORMATION:

Pam Wean, AIA
Architect/Branch Manager
(P) (304) 363-1004 EXT: 5001
(E) pwean@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



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

* More Project examples available upon request

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

Athens County Engineer

Athens, OH

Office Generator



WVANG - CAMP DAWSON

RAPPEL TOWER SUPPORT RENOVATION

PROJECT SPECS:

ESTIMATED PROJECT COST
\$425,962

DESIGN COMPLETION
APRIL 2019

CONSTRUCTION COMPLETION
TO BE DETERMINED BY OWNER

SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

TODD REYNOLDS
PROJECT MANAGER
P) (304) 561-6658
E) MATTHEW.T.REYNOLDS18.NFG@MAIL.MIL

The West Virginia Army National Guard Command was seeking architectural and engineering professional services for the restoration of the Rappel Tower Support Facilities at Camp Dawson. The Rappel Tower Support Facilities consists of two (2) pre-fabricated concrete buildings; one of which is a classroom building, and the other restroom facilities. Each building has some structural and sustainment issues that need to be addressed both structurally and mechanically. This facility will be used by soldiers in training.

The design elements for the project generally included abating mildew and molded wall board and material from classroom area, addressing roof issues, storm drainage, design for new HVAC systems, new instantaneous domestic hot water system, restroom renovations, and new interior and exterior LED lighting for both buildings.

During the development and progression of design scope it was determined that the electrical service to the classroom building and the electrical distribution panel in the restroom building were insufficient to power the necessary and needed HVAC systems to meet the request to air condition the restroom building of the project. Pickering Associates addressed this additional scope with no delay in the schedule.



WVANG - CAMP DAWSON

BUILDING 215 RENOVATION

PROJECT SPECS:

ESTIMATED PROJECT COST
\$705,361

DESIGN COMPLETION
MAY 2019

CONSTRUCTION COMPLETION
TO BE DETERMINED BY OWNER

The West Virginia Army National Guard Command was seeking architectural and engineering professional services to renovate Building 215 at Camp Dawson by replacing all windows and doors. This facility houses West Virginia National Guard troops for training.

The key design elements for the project included new windows and doors that are better suited to protect against transference of heat and cold. The new windows included window shades that have the option of light filter and black out. The project also included the replacement of all exterior and interior door hardware. The new door hardware is of high security type per the West Virginia National Guard specifications.

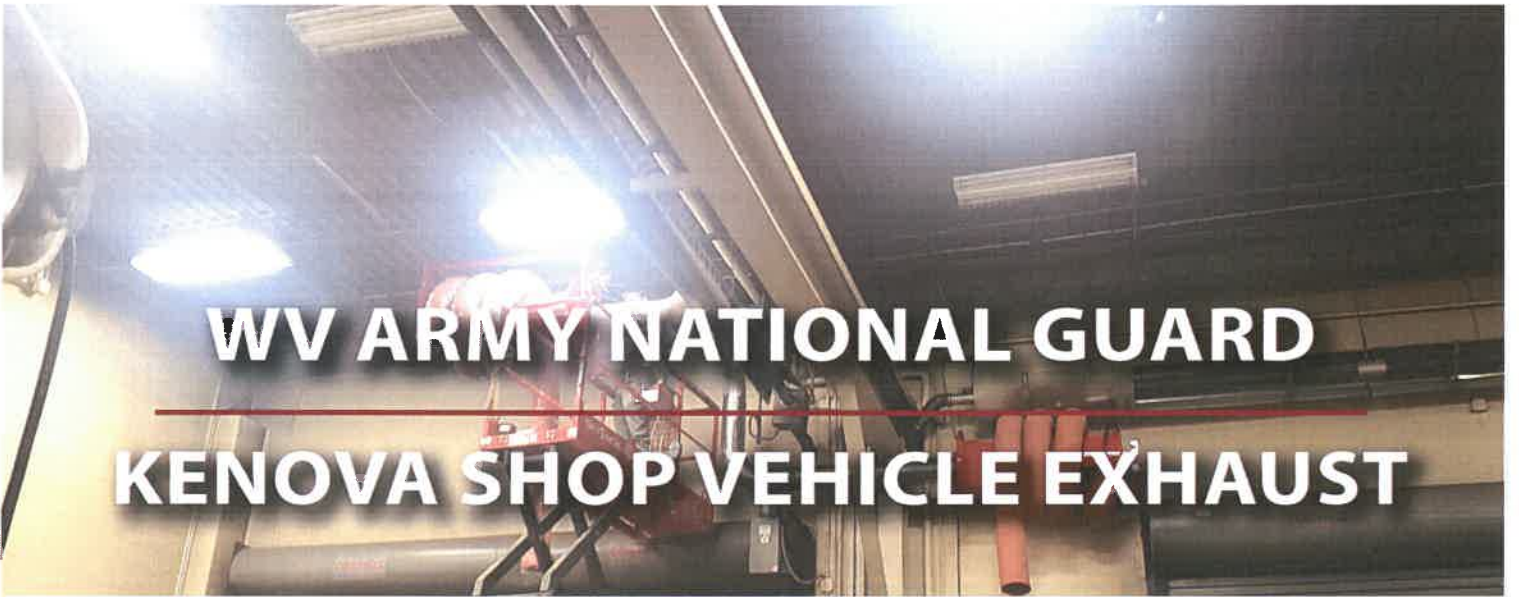
SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

TODD REYNOLDS
PROJECT MANAGER
P) (304) 561-6658
E) MATTHEW.T.REYNOLDS18.NFG@MAIL.MIL





WV ARMY NATIONAL GUARD

KENOVA SHOP VEHICLE EXHAUST

PROJECT SPECS:

PROJECT COST
\$130,000

SQUARE FOOTAGE
N/A

DESIGN COMPLETION
APRIL 2019

CONSTRUCTION COMPLETION
JANUARY 2020

SERVICES PROVIDED

MECHANICAL ENGINEERING
ELECTRICAL ENGINEERING
CONSTRUCTION MANAGMENT
PROJECT MANAGEMENT

CLIENT CONTACT

DAVID UNRUE
PROJECT MANAGER
P) (304) 561-6775
E) DAVID.R.UNRUE.NFG@MAIL.MIL

Pickering Associates provided professional engineering services to The West Virginia Army National Guard for the renovations to an existing vehicle exhaust system in the field maintenance shop (FMS) at their Kenova facility. The renovations had to meet the HEMTT vehicle exhaust flow rate of 500 cubic feet per minute (CFM).

The scope of work included replacement of two existing engine exhaust fans with two new fans including two hose reels per system, for a total of four. Project included documentation of existing building, development of construction documents, preparation of probable construction cost, bidding, contracting and construction administration.





PROJECT SPECS:

PROJECT COST
PRIVATE

SQUARE FOOTAGE
4900

DESIGN COMPLETION
OCTOBER 2016

CONSTRUCTION COMPLETION
APRIL 2019

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING

CLIENT CONTACT

JOHN COFFMAN
VICE PRESIDENT/CONTROLLER PROJECT MGR
P)304-485-3255
E) JOHN@PHOENIXWV.BIZ

Pickering Associates was contacted by Phoenix Associates, a local contractor, to partner in designing and constructing a new office location for the operations of the Ross Foundation. The location chosen was on the second floor of an older downtown building in Parkersburg, WV. The Client desired an industrial-looking office that would incorporate the existing exposed brick walls with the metal and wood structure above.

Pickering was contracted to provide architectural, structural, mechanical, plumbing and electrical design for the project as well as interior design services. Pickering's architecture and interior group worked closely with the Client to select finishes, fixtures, and furnishings that would complement the existing building structure as well as provide for the desired look that the Client wanted to achieve. An open-type floor plan was designed to include six offices, two conference rooms, an employee break room, new toilet facilities, and storage spaces. A new exit stair from the floor was also designed into the space to accommodate life-safety requirements and concerns.





CITY OF PARKERSBURG

DOWNTOWN OFFICE BUILDING RENOVATIONS

PROJECT SPECS:

PROJECT COST
\$750,000

SQUARE FOOTAGE
6,148 SF

DESIGN COMPLETION
JUNE 2016

CONSTRUCTION COMPLETION
NOVEMBER 2016

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING
STRUCTURAL

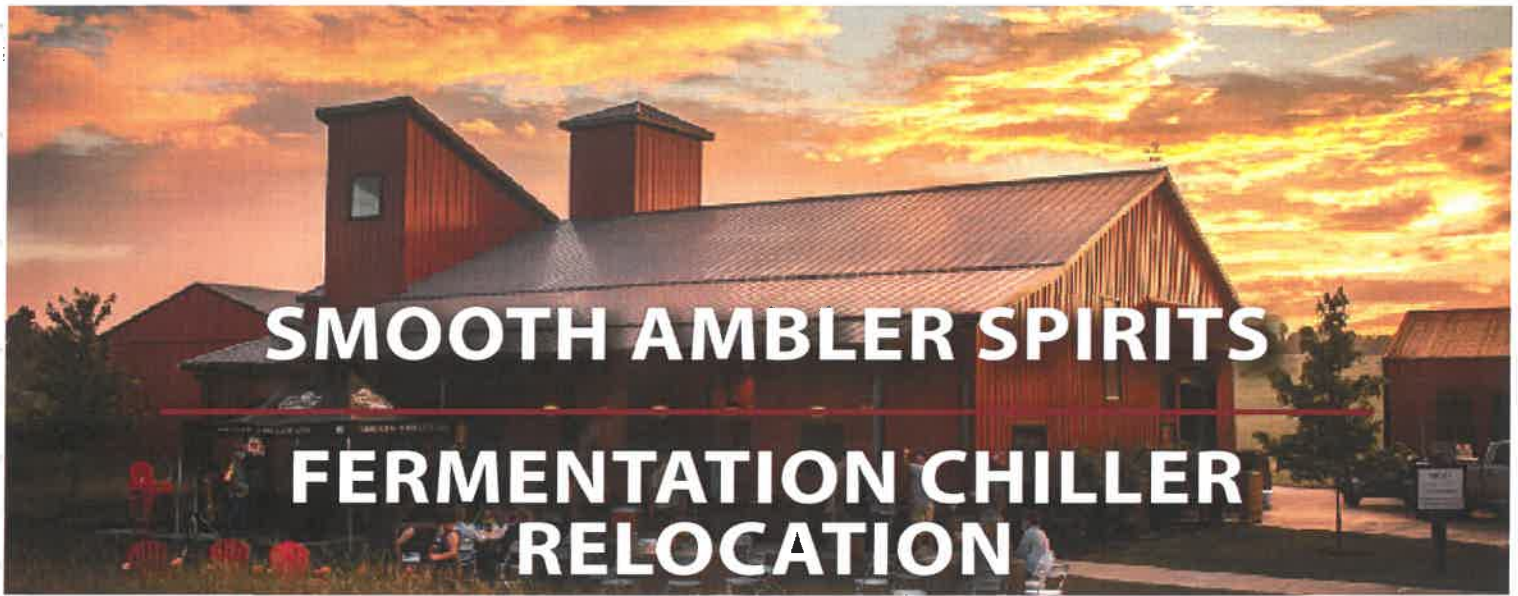
CLIENT CONTACT

LAURIE FAIRCHILD
TITLE
P) (703) 887-7299
E) FPSGOV13@GMAIL.COM

Pickering Associates was hired to conduct renovations to a communal office building location in Parkersburg, WV. The facility houses three different government agencies including, the Department of Labor, Social Security Administration, and the Internal Revenue Service. The team worked with all of the clients to develop a renovation design for the entire facility. This required demolition plans, overall fire safety and code review services, and a completely new design layout for the entire work space, including most of the common space areas, toilet room renovations, storage spaces, data and communications rooms.

The renovations included providing a replacement for an existing split system for a new central air handler station with VAV zones. Design also included updates to the kitchenette area for new plumbing and sink installation, as well as a coffee bar station. The team also developed a new electrical plan for the entire floor to ensure installation of a new lighting system and emergency/egress lighting would meet requirements. A new security system was installed and all the specifications for a new communications and wiring system.





SMOOTH AMBLER SPIRITS FERMENTATION CHILLER RELOCATION

PROJECT SPECS:

PROJECT COST
\$1,300,000

SQUARE FOOTAGE
4,700

DESIGN COMPLETION
AUGUST 2017

CONSTRUCTION COMPLETION
DECEMBER 2017

SERVICES PROVIDED

ARCHITECTURE
CIVIL
MECHANICAL
ELECTRICAL
STRUCTURAL
SURVEYING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

JOHN LITTLE
CEO
P) (304) 497- 3123
E) JLITTLE@SMOOTHAMBERLER.COM

Smooth Ambler Spirits Company hired Pickering Associates to design a new office building addition to their Maxwelton, W. Va. campus.

The new addition was approximately 960 SF and included a new connector corridor to the existing office. The project scope included topographic and site layout surveying, site jurisdiction research, site planning for the building, driveways, and parking lot locations, coordination with utility providers, and obtaining all needed licensing and permits required for the site. Additionally, Pickering Associates provided architectural design for the office addition, which included 2 bathrooms, a break room, a conference room, and 2 office spaces.

This project also included, code upgrades, designing a new foundation for the cooling tower system, site research and visits, demolition, HVAC additions, coordination with West Virginia State Fire Marshall's Office, plumbing layout design, and electrical installation and upgrades for the new addition. The team was able to complete the project under the set budget limit.





WEST VIRGINIA UNIVERSITY AT PARKERSBURG

CAPERTON CENTER
FOR APPLIED TECHNOLOGY

CAPERTON CENTER HVAC REWORK

PROJECT SPECS:

PROJECT COST
\$320,000

SQUARE FOOTAGE
10,000 SF

DESIGN COMPLETION
JANUARY 2010

CONSTRUCTION COMPLETION
AUGUST 2010

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING
CONSTRUCTION MANAGEMENT

CLIENT CONTACT

ALICE HARRIS
P) (304) 424-8225
E) AHARRI13@WVUP.EDU

Pickering Associates worked with WVU at Parkersburg to rework HVAC in four classroom bays in the Caperton Center for Applied Technology Building. Existing rooftop air handling units originally installed for a group of hands-on, heavy machinery training bays had become inefficient as a result of educational programming changes. Space are now set up for more traditional style classrooms and labs. WVU-P sought out our services to consolidate the HVAC system for these areas into a single unit to more efficiently and quietly service the bays.

The existing bays were served by individual roof mounted air handlers. The four main rooms consisted of training areas for either high school students or college students for the training of firefighters, electrical, computer, and lab training rooms. Each of the four bays had a training area and an individual office. It had been the experience of the faculty and staff that this setup proved difficult to easily keep a comfortable, learning atmosphere.

As part of the project, a suspended ceiling and modified lighting was designed for each bay/classroom. This helped both acoustics and aesthetics by better containing a dense network of drains, electrical busses and ductwork. Four existing transformers, previously located within these classrooms, were relocated to storage areas.

Pickering Associates also provided design & specifications for replacing the entire roof area that was affected as a result of the work. This was bid as an alternate to only patching affected areas.



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 was added on the fifth floor to divide an existing classroom into two spaces, and existing windows were 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 is 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 hyperheat model heat pump. Electrical upgrades associated with this project were minimal for the new equipment installations. Upgrades included feeder breakers for equipment from existing distribution panelboards.



PROJECT SPECS:

PROJECT COST
\$2.3M

SQUARE FOOTAGE
63,000 SF

DESIGN COMPLETION
JUNE 2017

CONSTRUCTION COMPLETION
SEPTEMBER 2017

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PIPING
PROJECT MANAGEMENT

CLIENT CONTACT

DAN LEFFINGWELL
SUPERINTENDENT
P) (740) 732-2084
E) DAN.LEFFINGWELL@GOZEPS.ORG

Pickering Associates was hired by the Noble Local School District to renovate the K-8 Building to completely redo the entire HVAC and cooling systems for the entire building. Pickering Associates performed a complete evaluation of the structure and the conditions it was in as well as a development plan of where to put the new systems.

The project required the skill set of the Structural, Mechanical, Architectural, Plumbing, and Electrical design. The entire system was completely replaced and upgraded to improving heating efficiency as well as install a new cooling system that the school did not have prior to the renovations. Pickering Associates performed all the Bidding and Construction Administration for the construction phase of the project, and it was completed in the summer of 2017 and was completed within the three-month period while administrative staff occupied the facility.





PAMELA WEAN, AIA

SENIOR PROJECT ARCHITECT
PROJECT MANAGER
BRANCH MANAGER

BACKGROUND:

EDUCATION

FAIRMONT STATE COLLEGE
B.S., ARCHITECTURAL TECHNOLOGY

FAIRMONT STATE COLLEGE
ASSOC. OF APPLIED SCIENCE - INTERIOR DESIGN

LICENSES

PROFESSIONAL ARCHITECT
W.VA. & OHIO

YEARS EXPERIENCE

35 YEARS

- Project Manager for WVANG Camp Dawson Rappel Tower Support Renovation
- Project Manager for WVANG Camp Dawson Bldg 215 Renovation - Windows and Doors
- Project Architect for the design of renovations for the Lodge at North Bend State Park.
- Project Architect for the design and construction of the new Franklin Elementary School in Franklin, W.Va.
- Project Architect for the design and construction of the new East Fairmont Middle School in Fairmont, W.Va.
- Project Architect for the design of renovations at the Fairmont Senior High School in Fairmont, W.Va.
- Project Architect for the design and construction of the Marion County Board of Education Office in Fairmont, W.Va.
- Project Architect for the design of the addition to Armstrong Flooring in Beverly, W.Va.
- Project Architect for the design and construction of renovations to Immaculate Conception Church in Clarksburg, W.Va.
- Project Architect for the design and construction for an addition and renovations at Simpson Elementary School in Bridgeport, W.Va.
- Project Architect for multiple construction projects at Stockmeier Urethanes in Clarksburg, W.Va.
- Project Architect for the design of MVB White Hall Branch in Fairmont, W.Va.

ALWAYS BE A FIRST-RATE
VERSION OF YOURSELF
INSTEAD OF A SEC-
OND-RATE VERSION OF
SOMEBODY ELSE.

Judy Garland



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
W.VA., OHIO, KY., PA., LA., VA., MINN.
LEED AP (BD&C)

YEARS EXPERIENCE

21 YEARS

- Project Manager on WVANG Kenova Shop Vehicle Exhaust in Kenova, WV
- LEED Commissioning Project Manager on a design/build project for Washington Electric Cooperative in Marietta, Ohio.
- LEED Commissioning Project Manager for Kent State University which included a complete renovation to the fine arts building.
- LEED Mechanical engineer for a new 500,000 square foot distribution center and administration building for Honda American Motors.
- LEED Project Manager for converting a downtown Columbus, Ohio fire station into a local family health center.
- Mechanical Engineer for a new FBI field office in Cleveland, Ohio.
- Mechanical engineer for a new two story annex to the Vienna Volunteer Fire Department in Vienna, West Virginia.
- Mechanical Engineer of record for the design of a new \$25M high-rise dormitory at Glenville State College, in Glenville, W.Va.
- Project Manager performing an intense study to assess redundant cooling to Ohio University's Computer Center in Athens, Ohio.
- Lead Mechanical Engineer for an area of the hospital to be leased by a Physical Therapy provider.
- Project Manager and Mechanical Engineer for a new medical office building for O'Bleness Hospital 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
W.VA. & OHIO

YEARS EXPERIENCE

14 YEARS

- Structural Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing.
- Civil Engineer on several projects for the City of Marietta.
- Generated detailed engineering drawings, quantities, and material estimates for bridge replacements for various counties in Ohio.
- Reviewed drawing designed for The Point Commercial Park for Lawrence Economic Development Corporation.
- Reviewed structural drawings for a new addition of the Holzer Clinic and evaluated adequacy of the structural members and connections.
- 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.
- City of Marietta City Hall Renovations, Marietta, Ohio.
- City of Marietta Wastewater Treatment Plant Renovations, Marietta, Ohio.
- Marietta City Armory Renovations, Marietta, Ohio.
- Bridge Project for Orion.
- 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



PATRICK FLORA, E.I.

PIPING ENGINEERING DEPARTMENT MANAGER
PROJECT MANAGER
PIPING ENGINEERING
PROCESS ENGINEERING

BACKGROUND:

EDUCATION

MARSHALL UNIVERSITY
M.S. ENGINEERING MANAGEMENT

WEST VIRGINIA UNIVERSITY
B.S. CHEMICAL ENGINEERING

YEARS EXPERIENCE

5 YEARS

- Piping Engineer on WVANG Kenova Shop Vehicle Exhaust in Kenova, WV
- Process Engineer and BIM Specialist for fluidized bed dryer expansion project.
- Piping Engineer and BIM Specialist for new process train at a global chemical manufacturer.
- Detailed pipe design for an industrial waste water treatment plant.
- Developed P&IDs for green-field oil and gas sites. Developed PFDs and P&IDs for various oil and gas sites based on clients well data.
- PHA scribe. Assisted Process Hazard Analysis facilitator in PHA prep work.
- Field verified and documented existing utility piping for large industrial site.
- Preliminary pipe design to decrease manual hose process connections.
- BIM Specialist for industrial equipment and pipe design for multiple industrial sites.
- Piping Engineer and Project Manager for a solvent recovery operation.
- FEL study of a new packed bed scrubber. Explored the cost impacts of the installation of a new packed bed water scrubber to an existing train.
- Piping Engineer and Project Manager for a trial process in an existing facility.

THE ONLY WAY TO DO
GREAT WORK IS TO LOVE
WHAT YOU DO.

Steve Jobs



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

- Electrical Engineer on WVANG Kenova Shop Vehicle Exhaust in Kenova, WV
- Electrical Engineer on WVANG Camp Dawson Rappell Tower in Kingwood, WV
- 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 Maxwelton, 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 Electri-

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



RONALD ARNOLD

SENIOR CONSTRUCTION ADMINISTRATOR
CONSTRUCTION ESTIMATOR

BACKGROUND:

YEARS EXPERIENCE

46 YEARS

DUTIES

PROJECT ADMINISTRATION
ARCHITECTURAL DESIGN
PROJECT ESTIMATING
CONSTRUCTION MANAGEMENT

- Project Manager for the design and construction of a new annex for Fire Department in Vienna W.Va.
- Project Manager/Estimator for the Marietta Levee Seating and Monument Project.
- Project Manager for the construction of a new full service branch bank in Marietta, Ohio.
- Project Manager for the historical renovation of a four story 100 year old building on a college campus in Marietta, Ohio.
- Project Manager for the renovation of a two story 100 year old library in Marietta, Ohio.
- Project Manager for the construction of a 12,000 sq ft addition on a nursing home in Marietta, Ohio.
- Project Manager for the design and construction of a 4,500 sq ft addition on an athletic facility on a college campus in Marietta, Ohio.
- Project Manager for the design and construction of a multiple building apartment complex in Marietta, Ohio.
- Project Manager for the construction of a two new branch libraries in Washington County, Ohio.
- Project Manager for the construction of an addition to a long-standing funeral home in Belpre, Ohio.
- Project Manager for the construction of a Design-Build Office Addition on the warehouse roof at a Chemical Company in Marietta, Ohio.
- Project Manager for the construction of a new Applications Lab Addition for a Chemical Company in Marietta, Ohio.
- Project Manager for the construction of a new full service branch bank in Marietta, Ohio.
- Project Manager for the construction of a 12,000 sq ft addition on a nursing home in Marietta, Ohio.
- Project Manager for the design and construction of a 4,500 sq ft addition on an athletic facility on a college campus in Marietta, Ohio.

REAL SUCCESS IS FINDING
YOUR LIFEWORK IN THE
WORK THAT YOU LOVE.

David McCullough



REFERENCES



City of Marietta
Marietta, OH

Joseph Tucker, P.E., City Engineer
(P) (740) 373-5495
(E) joseph.tucker@mariettaoh.net



Parkersburg and Wood County Public Library
Parkersburg, WV

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



City of Vienna
Vienna, WV

Randall Rapp, Mayor of Vienna
(P) (304) 295-5070
(E) rcrapp@suddenlink.net

Washington County Public Library
Marietta, WV

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ200000007

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

Pickering Associates

Company

Samela J. Wian

Authorized Signature

April 15, 2020

Date

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

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.

Traci Stotts, VP Marketing
(Name, Title)
Traci Stotts, VP Marketing
(Printed Name and Title)
11283 Emerson Avenue; Parkersburg, WV 26104
(Address)
Phone Number: 304-464-5305 Fax Number: 304-464-4428
(Phone Number) / (Fax Number)
tstotts@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)

 VP of Marketing
(Authorized Signature) (Representative Name, Title)

Traci L. Stotts, VP Marketing
(Printed Name and Title of Authorized Representative)

April 15, 2020
(Date)

Phone Number: 304-464-5305 Fax Number: 304-464-4428
(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: Pickering Associates

Authorized Signature: _____

Date: April 15, 2020

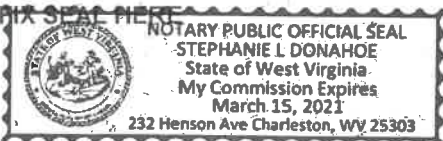
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 15th day of April, 2020

My Commission expires March 15th, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC

Stephanie L. Donahoe
Purchasing Affidavit (Revised 01/19/2018)