A/E Services for the State of West Virginia



# LIGHTING DESIGN PROJECT OFFICE BUILDING 25

**SEPTEMBER 29, 2022** 



**EST. 1988** 

# OUR MISSION

Our purpose is to enrich our communities through service to our clients.

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WV Purchasing Department Melissa K. Pettrey, Senior Buyer 2019 Washington street East Charleston, WV 25305-0130



Pickering Associates is pleased to have the opportunity to submit this expression of interest in providing Architectural and Engineering Design services to the WV General Services Division for their Lighting Design Project for Building 25 in Parkersburg, West Virginia. We feel confident our design team is uniquely qualified to provide design services for the project.

Pickering Associates is a premier all-inclusive A/E Firm located throughout West Virginia and Ohio and headquartered in Parkersburg. The following qualification packet outlines our technical expertise, management, staff capabilities and experience for providing high-quality electrical engineering 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.

As a firm, Pickering Associates has conducted various projects pertaining to electrical utility systems designs, renovations and upgrades for numerous clients, including industrial clients, municipalities and government agencies. We are the one of the most experienced firms in the State and have designed several electrical service and lightning systems for a variety of clients both large and small.

Through the years, Pickering has taken pride in finding unique solutions to some of the most challenging problems. From a very short delivery/need based schedule for emergency work to limited and stretched budgets and phased project construction. You will find a growing list of repeat clients who come back to Pickering because of the importance we place on each and every job we work on as well as every single client we interact.

The following proposal outlines our technical expertise, management, staff capabilities and experience specifically for your proposed project. As you know, 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. Our approach will offer advantages in methodology and delivery, which will elevate the success of your project both now and for years to come.

We feel that our expertise sets our team head and shoulders above any other team. We look forward to personally discussing our qualifications to complete this project on time, within budget and exceeding the standards of any firm/team you may have worked with previously. Should you have any questions regarding this proposal, please do not hesitate to contact us.

Respectfully submitted,

Carl Henson, P.E.

Electrical Engineer / Project Manager

chenson@pickeringusa.com

11283 Emerson Ave.

Parkersburg, WV 26104

p. 304-464-5305 x1402 | f. 304-464-4428

WWW.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 communication 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 our history, Pickering 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 ultimate well-being.

# **LEADERSHIP**

## V.P. of Marketing & Development

Traci Stotts, AIA, NCARB Architect

#### C.E.O. & President

Ryan Taylor Sr. Project Manager

#### **V.P. of Construction**

Mark Welch, P.E. Sr. Project Manager

#### **Executive V.P. of Design**

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

## **DEPARTMENT LEADS**

#### **Civil Engineering**

Spencer Kimble, P.E.

#### **Piping Engineering**

Patrick Flora, E.I.

#### **Building Information Modeling**

Chris Algmin, AIA, NCARB

#### **Electrical Engineering**

Carl Henson, P.E.

#### **Structural Engineering**

Eric Smith, P.E.

#### **Construction Administration**

Sean Simon, AIA, NCARB

#### **Mechanical Engineering**

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

#### Architecture

Traci Stotts, AIA, NCARB

#### Surveying

Bill Showalter, P.S.

# **YOUR PROJECT**

Pickering Associates has experienced personnel available to design and manage the Lighting Design and Upgrade project for Building 25 located in Parkersburg, West Virginia. At Pickering Associates, we have all of the key engineering services needed to make your project a success. From the initial evaluation of the existing conditions to overseeing the construction phase to complete the process, our team is devoted to replacing and upgrading the lighting systems in Building 25.

Our full-service design firm has all engineering and architectural disciplines in-house that will be needed to complete your project. With over 60 employees, we are confident that we can meet all of the design needs for the completion of your project. We have completed many projects over the years that are similar to your project in size, scope, and complexity. We are confident that the design team that we have assembled for your project is competent, knowledgeable, and has the experience to provide you with a well-designed and quality project. Our team has worked together for many years on various renovation projects with LED light fixture replacements. Most recently Building 22 1st Floor Renovations and Alum Creek Elementary School Addition and Renovations included changing all existing lights to LED. Many of our other projects shown on the attached project sheets include LED fixture replacement and electrical upgrades.

Your proposed project team includes the following design professionals:

- Carl Henson, PE Project Manager and Electrical Engineer
- · Chris Mancuso, AIA Lead Architect
- Jeff Hosek, PE Mechanical Engineer/ HVAC Design
- David Boggs, PE Mechanical Engineer/Plumbing Design
- Spencer Kimble, PE Civil Engineer
- · Eric Smith, PE Structural Engineer
- Sean Simon, AIA Construction Administrator

The Project Team and each team member's qualifications and experience is outlined in the individual team resumes included in this Request for Qualifications.

Our design team has the experience in planning and assisting Clients with development of project scope of



work. Our construction estimating team is brought in early to help develop an estimated construction budget so we can ensure that the scope of work for the project aligns with your allocated budget for the project. Our architects and engineers will coordinate and participate in meetings with your staff to understand your needs and develop the program for laying out the spaces in both buildings. Our team is familiar with this task and performs this service on all of our projects. The key to programming is listening to your staff and the end users and understanding the spaces and adjacencies that will be required to help your organization and departments function.

In addition, Pickering is very capable of designing and phasing work so that a contractor and Owner can both be in the same building at the same time and work will still progress. Pickering has worked on projects in many occupied government offices and uses this experience to help plan the work and to help alleviate issues. A project that we designed for Building 22 in Charleston involved renovations on the first floor. The work was designed in phases and that allowed the tax office to continue their operation and maintain necessary security requirements. This also allowed for the contractor to make minimal disruption to the existing infrastructure.

Our design team has the experience in planning for how your spaces are currently used and creating layouts that allow for future expansion. Again, this process starts by listening to how you plan to use the space and understanding the types of spaces and important adjacencies needed within your buildings. Our designs also take into consideration the planning for technology and all of the required building systems early in the process to make sure that these are accounted for in the electrical design and cost.

Our architects and engineers understand the importance of incorporating practical features into a building renovation that will increase the energy efficiency of a building. We have LEED Certified staff that understand the importance of sustainability and efficiency and lead this effort in the design of our projects. Even though not all building owners are looking for LEED Certification, we always use practical elements to ensure that our design helps the owner by providing details and systems that are easy to operate and maintain, are economic, and provide energy savings when it makes sense and fits within the budget. We have the experience with various types of systems and can provide the pros and cons of each for you to review and evaluate.

Pickering Associates will propose set milestones and completion dates for all phases of design once the scope of work is reviewed with you and fully understood. Our design proposal will outline our full scope of work along with the design schedule to ensure that we are meeting or exceeding your timeline. With our current understanding of the design work associated with your project and our experience with similar types of projects, we offer the following as an example of the design and construction milestones for your project:

- Programming Start of Design +14 calendar days (dependent on availability of your staff to meet and discuss space requirements and desires).
- Schematic Design Programming Complete/ Approved + 14 calendar days
- Design Development Schematic Design Complete/Approved + 14 calendar days
- Construction Documents Design Development Complete/Approved + 28 calendar days
- Bidding and Permitting Construction
   Documents Complete/Approved + 30 days
- Construction Permits Received and Contract in Place + Approximately 140 days (will vary based on scope of work and number of construction phases required)
- Project Close-Out Substantial completion + approximately 14 days

Our design team will manage the project schedule through all phases of design and construction. We will work with you, the Client, to set a schedule that aligns with your needs, taking in account any funding requirements, and or construction phasing that will be required to maintain operations in the building during renovation.

Pickering understands how important it is to keep a project within the Owner's budget, and we have a history of meeting our Owner's budgets on all types and sizes of projects. We believe that the key to keeping within a project budget is fully understand the scope of work and to constantly keep the budget in mind and in check. We formulate a project budget early in the design that aligns with the Owner's desired scope of work. If the estimate of probable construction costs indicate that the project is over the Owner's desired budget, Pickering will alert the Owner and initiate discussions on the best approach to get the scope of work within the desired 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 throughout all phases of the project. We typically provide an updated estimate of probable construction costs at 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 will make certain that you understand the implications and costs associated with each change or addition prior to officially adding it to the project.

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 once we fully understand the scope of work.

Our team for your project is located at our main office, approximately 5 miles from the project site, giving us the advantage of being able to be at the site within a very short period of time. This will prove important as we review existing conditions, perform site layout and coordinate utilities. And then again during construction when oversight of the project is extremely vital.

#### **YOUR PROJECT**

#### **Project Owner**

West Virginia State
Department of Administration
General Services Division



# **LEADERSHIP**

#### **Project Manager**

Carl Henson, P.E. Project Manager

Carl is a senior electrical engineer providing design for electrical distribution systems in both commercial and industrial applications. In addition, he provides technical guidance and project management to Pickering's electrical department. Carl brings a wealth of project experience including high voltage substations design, multi-function controller programming, Arc Flash studies and NFPA-70E training, and area hazardous classification analysis.

# **DESIGN TEAM**

#### **Architecture**

Chris Mancuso, AIA

#### **HVAC Engineering**

Jeff Hosek, P.E. LEED AP

#### **Civil Engineering**

Spencer Kimble, PE

#### **Construction Administration**

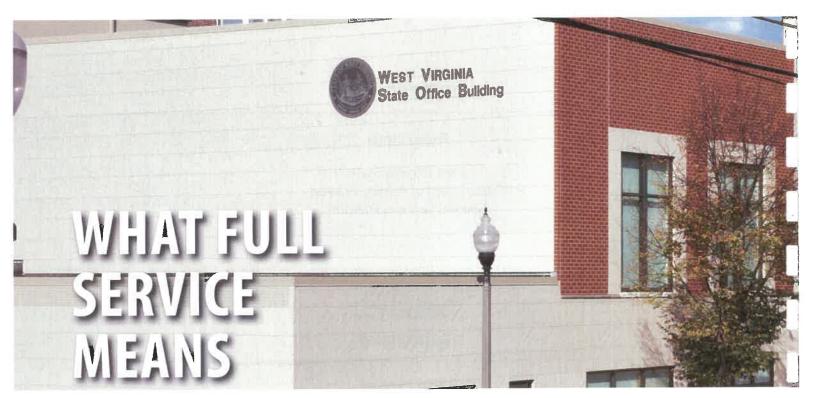
Sean Simon, AIA, NCARB

#### **Piping Engineering**

David Boggs, P.E.

#### **Structural Engineering**

Eric Smith, P.E.



## CIVIC PROJECTS

For owners and designers, civic facilities 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 projects allow a design team to start from the ground up, many building projects involve the adaptive reuse of an existing facility or an addition 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 facilities 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 during the design phase as well as specific or unique standards and specifications. Pickering throughout the years has been able to engage with many organizations to provide design and consultant services on multiple projects including military facility upgrades and renovations, civic offices and industrial 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 code compliance, greater occupancy safety through knowledgeable design practices and the use of technology, 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 expertise includes several different methods of project delivery including D-B, D-B-B and CMR.

# OUR APPROACH

With the selection of Pickering Associates, your organization gains the full depth of our organization. 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 that need to be met. With more than 50 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 during design.

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 like many firms using consultants are required to do.



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's commitment goes beyond the final design stage. Our team continues to work with you during project bidding, construction and final walk-through.

We hold pre-bid meetings, answer all the bidder's questions and help evaluate each bid received so you can select the contractors best suited for your project. Our architects and engineers answers questions during construction to eliminate delays due to uncertainty. We inspect construction workmanship to make sure you receive the highest quality installation and to ensure that all work conforms to the bid documents. We tour the site with you to compile a punch list of outstanding tasks that need attention before the contractor leaves the site and work with the contractors to ensure all of the punch list items are resolved. Finally, we incorporate all changes to the drawings resulting from construction to create as-builts, so you have an accurate depiction of the project for your records.

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 reflected in 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:** PARKERSBURG OFFICE

11283 Emerson Ave. Parkersburg, WV 26104

#### **CONTACT INFORMATION:**

Carl Henson, P.E. Electrical Engineer/Department Manager (P) (304) 464-5305 (E) chenson@pickeringusa.com

#### **SERVICES:**

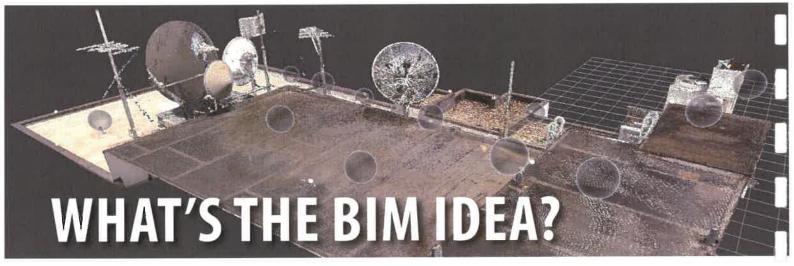
Architecture
Interior Design
3D Model Design
Landscape Architecture
Civil Engineering
Structural Engineering
Electrical Engineering
Automations & Controls
Mechanical Engineering
Piping Engineering
Process Engineering
Surveying
Marketing Development
Construction Services
Project Management

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-theart 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!

# **EXAMPLES OF PAST PROJECTS/GOVERNMENTAL**

# West Virginia Army National Guard Charleston, West Virginia

Kenova Vehicle Exhaust HVAC Upgrades Eleanor Readiness Center HVAC Renovations Camp Dawson Building 215 Windows and Door Replacements

Camp Dawson Rappel Tower Renovation

Camp Dawson Structural Repairs

Camp Dawson Airfield Support Facility

**Camp Dawson Cottages Renovations** 

Camp Dawson Bldg 215 Medical Wing Renovation

# **West Virginia Air National Guard**

**Charleston, West Virginia (Yeager Airport)** 

Fire/Crash Rescue Station 130th Airlift Wing

#### State of West Virginia Charleston, West Virginia

Building 8 - Evaluation
Building 22 Dept of Tax and Revenue - HVAC
Building 22 Dept of Tax and Revenue - Interior
Renovations

# West Virginia Department of Natural Resources

Charleston, West Virginia

Chief Logan Pump New District 6 Office Design North Bend Lodge Renovations

# City of Parkersburg Parkersburg, West Virginia

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
Liberty Street New Fire Station Design

#### **City of Vienna**

#### Vienna, West Virginia

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

City of Parkersburg Master Panning Design

#### City of Marietta Marietta, Ohio

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

# Vienna Volunteer Fire Department Vienna, West Virginia

Vienna Volunteer Fire Station Addition Police Station Generator Renovation

#### Parkersburg Utility Board Parkersburg, West Virginia

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

# Putnum Water Corporation Marietta, Ohio

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

## Parkersburg & Wood County Library Parkersburg, West Virginia

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



PROJECT COST PRIVATELY FUNDED

**SQUARE FOOTAGE VARIOUS** 

**DESIGN COMPLETION JULY 2017** 

CONSTRUCTION COMPLETION OCTOBER 2019

#### SERVICES PROVIDED

FI ECTRICAL

# CLIENT CONTACT

JOHN ANDERSON PROJECT MANAGER 740-376-9960 JOHN@MONDOBUILDING.COM

Mondo Building and Construction requested that Pickering Associates provide them with detailed Electrical Engineering and Design services for the Marina Sales Office and Boat Slip Area in Boaz, W.Va. This project was a part of the continuing development of the site which included four condo buildings, restaurants and retail, and the new boating marina including a concrete ramp and docks.

Pickering assisted in coordinating with the local utility company (MonPower) lighting and power design for the Marina Sales Office, and electrical distribution to 80 boat slips, two 40HP irrigation pumps, and 15 golf cart charging station units. Additionally the team completed all site design, utility design, grading layouts and design, stormwater management design, and concrete and paving design.

Pickering's team also coordinated and obtained all of the necessary code requirements needed, since the project was located along the Ohio River, the team worked with the EPA and the Army Corp. of Engineers for permitting.



PROJECT COST \$750,000

**SOUARE 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 conducted 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.





PROJECT COST \$591,325

**DESIGN COMPLETION** AUGUST 2021

CONSTRUCTION COMPLETION **EST JUNE 2022** 

**SERVICES PROVIDED** 

**ARCHITECTURE PLUMBING MECHANICAL ELECTRICAL** CONSTRUCTION MANAGEMENT PROJECT MANAGEMENT

# CLIENT CONTACT

TIM LEE **ARCHITECTURE & ENGINEERING SECTION** P) (304) 558-2317 E) TIMOTHY.M.LEE@WV.GOV

Pickering Associates met with State Tax and designed a public meeting space on the first floor of Building 22.

The new space included 8 personal meeting rooms, conference room, security office, public waiting area, 5 private offices and public restrooms. The existing space was demolished and all finishes removed. The new design included all new finishes and new LED lights. Also, a new entry door from the vestibule into the public meeting area was included.

Due to IRS and State Tax requirements it was very important to keep staff and public separated. The new design lets both groups interact, but the public never has access to restricted areas of the building.





PROJECT COST \$ 120,000

SQUARE FOOTAGE 118,300

DESIGN COMPLETION MAY 2009

CONSTRUCTION COMPLETION AUGUST 2009

# **SERVICES PROVIDED**

ELECTRICAL CONSTRUCTION MANAGEMENT

#### CLIENT CONTACT

MICHAEL FLING ASSISTANT SUPERINTENDENT P) (340) 420- 9663 E) MFLING@K12.WV.US As technology has advanced and is implemented in the classrooms, the electrical service at Lubeck Elementary and VanDevender Middle Schools became strained. In addition, each school had limited air conditioning which was also putting a strain on the electricity available to each facility. Pickering Associates provided comprehensive studies of the existing systems to determine the remaining capacity and modifications which would be required to support the current systems as well as any future upgrades.

The studies determined that the existing electrical system at Lubeck Elementary was running at near full capacity and required and electrical service entrance upgrade to accommodate additional loads. The existing electrical capacity for VanDevender Middle School was marginal for installation of larger HVAC loads.

Upon the completion of the feasibility studies for each school, Pickering Associates was contracted by Wood County Schools to provide construction drawings and specifications for upgrades at both facilities. Both schools received a new service entrance which connected to the existing distribution gear as well as installation of three new 42 circuit panels each. Pickering Associates provided bidding, contracting and construction administration services for both projects.



PROPOSED BUDGET \$1 MILLION

SQUARE FOOTAGE 5,825 SF / 33,908 SF

DESIGN COMPLETION APRIL 2021

CONSTRUCTION COMPLETION TBD - CURRENTLY ON HOLD

#### **SERVICES PROVIDED**

ARCHITECTURE
BIM DESIGN
ELECTRICAL
MECHANICAL
PLUMBING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

## **CLIENT CONTACT**

FLITE FREIMANN DIRECTOR P) (740) 434-0763 The Washington County Commissioners are renovating existing buildings at 202 and 204 Davis Avenue in Marietta, Ohio for consolidation of offices for Washington County Department of Job and Family Services and the County's Children Services Board. The building at 202 Davis Avenue is a one-story wood structure with approximately 5,825 SF of space. The building at 204 Davis Avenue is a two-story brick structure with approximately 16,420 SF of space on the lower level and 17,490 SF on the first floor for a total building area of 33,910 SF.

Anticipated renovations for the 202 Davis Avenue building include a new ADA entrance and access ramp, development of new ADA parking spaces, office modifications, and new ADA accessible restrooms. Alternates will also be designed and included for replacement of all first-floor interior finishes and replacement of light fixtures with new LED fixtures.

The renovations for the 204 Davis Avenue building include build-out of approximately 3,080 SF of existing unfinished shell-space on the lower level for additional offices, modifications to the upper level for additional offices, a new metal roof, redesign of the current HVAC systems, New LED lighting, kitchen renovations and overall interior finish upgrades.

Pickering had previously completed a consolidation study for the client to understand the building programming, layout, and a preliminary estimate of probable construction costs for the project. Construction documents are currently being prepared and design is expected to be complete by May of 2021 with construction starting in the summer of 2021. The project budget is approximately \$1M.



PROJECT COST \$ 125,792

**SOUARE FOOTAGE** 80,000

**DESIGN COMPLETION** DECEMBER 2010

CONSTRUCTION COMPLETION SEPTEMBER 2011

# **SERVICES PROVIDED**

**ELECTRICAL ARCHITECTURE** PROJECT MANAGEMENT CONSTRUCTION MANAGEMENT

#### **CLIENT CONTACT**

ALICE HARRIS **EXECUTIVE VICE PRESIDENT** P) (304) 424-8000 E) EHARRI13@WVUP.EDU

Pickering Associates was hired by West Virginia University at Parkersburg to provide all Electrical design work and to manage the bid process and Construction Administration for an electrical upgrade in WVU-P's downtown facility.

Pickering Associates provided design and engineering to install a new 1200A, 480V electrical service and electrical distribution system in the West Virginia University at Parkersburg Downtown Facility. The project included a new main distribution panel and subpanels throughout the building for future building loads.

In order to fully upgrade the electrical systems, the project entailed the complete demolition and removal of the existing electrical distribution systems and service entrances. A new service entrance, main distribution panel and associated distribution panel board were also required. A scope change was implemented to add Architect and Project Management Services to the project.

This building has since then been renovated by Pickering Associates to accommodate local businesses.





PROJECT COST \$50,000

SQUARE FOOTAGE N/A

DESIGN COMPLETION AUGUST 2010

CONSTRUCTION COMPLETION NOVEMBER 2010

#### **SERVICES PROVIDED**

ARCHITECTURE
BIM DESIGN
CIVIL
ELECTRICAL
MECHANICAL
STRUCTURAL
SURVEYING
PIPING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT
MARKETING DESIGN

#### **CLIENT CONTACT**

RANDY RAPP MAYOR P) 304-295-5070 E) RCRAPP@SUDDENLINK.NET The City of Vienna, West Virginia contracted with Pickering Associates to review the emergency generator installations and configurations at both the Vienna Volunteer Fire Department and the Vienna Police Department. The generator was reconfigured to be connected to the existing fire department and the new facility.

The connection from the police department to the generator was removed and a new generator was installed and utilized for the police department only. All the existing installations were corrected to meet all applicable local codes and standards.

Our engineers reviewed all the existing emergency generator configurations and installations at the venues. They provided the design and engineering to correct all the existing electrical installations associated with the emergency generator and provided the design and engineering to reconfigure the existing emergency generator to the police station. The team provided the design and engineering to install a new natural gas emergency generator and all associates equipment to connect to the existing police station.

All aspects of the project were coordinated with the Mayor of Vienna and all associated parties.



PROJECT COST \$50,000

SQUARE FOOTAGE 2,150 SF

DESIGN COMPLETION 2016

CONSTRUCTION COMPLETION 2016

## **SERVICES PROVIDED**

ELECTRICAL
CONSTRUCTION MANAGEMENT

Wood County Schools contacted Pickering Associates to provide Engineering Services for the electrical upgrade of the Parkersburg High School Fieldhouse. The existing facility was fed from the Boiler Room located outside of the southwest corner of the Fieldhouse. The purpose of this project was to upgrade the existing electrical capacity in the Fieldhouse to allow for future expansion and the possible addition of an air-conditioning system for the entire facility. This project also included preliminary sizing of the proposed HVAC system to determine the new electrical capacity. The project was proposed in two phases with completed design in Phase I and Construction Administration in Phase II. Pickering Associates coordinated all services included within this proposal with Garry Cooper, Wood County Schools.

# **CLIENT CONTACT**

GARRY COOPER
FACILITIES MANAGER
P) 304.420.9663
E) GCOOPER@K12.WV.US





PROJECT COST \$131,000

SQUARE FOOTAGE 1,000 SQ FT

DESIGN COMPLETION MARCH 2010

CONSTRUCTION COMPLETION AUGUST 2010

#### **SERVICES PROVIDED**

**ELECTRICAL** 

# **CLIENT CONTACT**

DANNY COUNTS, PMP PROJECT MANAGER - INFRASTRUCTURE 740-593-0095 COUNTSD@OHIO.EDU Ohio University contacted Pickering Associates after realizing the need to increase the reliability of the normal and emergency power systems at the computer Services Center. This project required intense coordination with University personnel and Pickering Associates as the current system was to stay operational while the upgrades were being implemented.

Pickering Associates finalized the design and developed the construction documents for the implementation of the project. The work included modifications to the normal and emergency electrical distribution system, including the installation of a new distribution panels and transfer switches for the optimal use of power under emergency conditions. Pickering Associates also prepared the State of Ohio Application for Plan Approval documentation and obtained the Certificate of Plan Approval for the electrical construction.

Our engineers developed the overall construction schedule and electrical sequence of construction for the electrical service improvements to minimize the impact on the campus communication services. Additionally, Pickering Associates prepared all the bid drawings and project specifications.



PROJECT COST PART OF A \$8 MILLION PROJECT

SQUARE FOOTAGE 27 ACRES

DESIGN COMPLETION 2010

CONSTRUCTION COMPLETION 2012

#### **SERVICES PROVIDED**

ELECTRICAL
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

Pickering Associates provided professional design services for the procurement and installation of a new 500kW generator for Armstrong World Industries.

Our scope of services included design, integration of emergency power, and assistance with procurement. We worked closely with multiple vendors to secure the lowest price equipment and estimated construction costs for the installation.

For implementation, we provided scheduling services and provided a cost estimate for inclusion into the overall budget. This portion of the project was expedited to ensure long lead times for the equipment would not impact the overall project. We worked closely with the owner to ensure a smooth delivery and installation.

#### **CLIENT CONTACT**

DAVID BRAKSATOR
PRINCIPLE ENGINEER
P) (717) 396-5922
E) DMBRAKSATOR@ARMSTRONG.COM





# CARL HENSON, P.E.

ELECTRICAL DEPARTMENT MANAGER
FLECTRICAL ENGINEER

# **BACKGROUND:**

#### **EDUCATION**

NEW JERSEY INSTITUTE OF TECHNOLOGY

M.S. ELECTRICAL ENGINEERING

WEST VIRGINIA INSTITUTE OF TECHNOLOGY B.S. ELECTRICAL ENGINEERING

#### LICENSES

PROFESSIONAL ENGINEER W.VA., OHIO, PA., IN., LA.

YEARS EXPERIENCE 31 YEARS

ONE MAN'S 'MAGIC' IS AN-OTHER MAN'S ENGINEER-ING. 'SUPERNATURAL' IS A NULL WORD.

Robert A Heinlein

- Responsible for the electrical design and auditing of safety systems in industrial and commercial facilities.
- Provided design for numerous interior and exterior lighting projects.
- Trained by the National Fire Protection Association (NFPA) in evaluation of industrial hazardous area classification for flammable liquids and vapors, NFPA 497, and combustible dust, NFPA 499.
- Responsible for electrical design for several oil and gas production facilities, including design of site power services, distribution and control wiring.
- Over 15 year of hazardous area review and classification at local industries such as KRATON Polymers, American Styrenics, Solvay Specialty Polymers, Markwest, Zoetis and other industrial and commercial clients.
- Trained by NFPA 70E Electrical Safe Work Practices.
- Over 15 year experience in utilizing SKM Power Tools software for electrical system modeling to produce short-circuit, arc-flash, coordination and equipment evaluation studies for industrial and commercial applications.
- Over 15 of experience in developing NFPA 70E compliant arc-flash tags and training of qualified and non-qualified personnel for industrial and commercial safety programs.
- Responsible for electrical design for several oil and gas production facilities, including design of site power services, distribution and control wiring.
- Lead Electrical Engineer in designing high voltage (138-69kV) substations.
- Lead Electrical Engineer for a new 69 kV substation at a barge unloading facility in South Point, Ohio.



# **CHRISTOPHER P. MANCUSO, AIA**

ARCHITECT PROJECT MANAGER

## **BACKGROUND:**

**EDUCATION** 

UNIVERSITY OF KENTUCKY

MASTERS OF ARCHITECTURE

BACHELOR OF ARTS IN ARCHITECTURE

LICENSES

PROFESSIONAL ARCHITECT
WEST VIRGINIA, OHIO, KENTUCKY

YEARS EXPERIENCE 5 YEARS

BUILDINGS ARE DEEPLY EMOTIVE STRUCTURES WHICH FORM OUR PSYCHE. PEOPLE THINK THEY'RE JUST THINGS THEY MANEUVER THROUGH, BUT THE MAKEUP OF A PERSON IS INFLUENCED BY THE NATURE OF SPACES.

David Adjaye

- Architectural designer conceptual and schematic design on the Washington County Courthouse Renovation in Marietta, Ohio
- Project Architect for the new Public Library in Williamstown, West Virginia.
- Architectural designer for the new classroom additions and secure entrance on the elementary side of the Blennerhassett School Facilities.
- Architectural designer for Master Plans for the YMCA in Parkersburg, West Virginia.
- Architect for the 6,500 SF roof replacement of Washington Elementary school roof in Marietta, Ohio.
- Architectural designer for renovations to a 7,500 SF old school building into a new community health clinic in Arnoldsburg, West Virginia.
- Architectural designer for a new 5,600 SF building for Harbor Point in Williamstown, West Virginia.
- Architectural designer for locker room renovations for YMCA in Parkersburg, West Virginia.
- Architect for multiple HVAC renovations for Wood County Schools.
- Architectural designer for conceptual and schematic designs on a golf club renovation with a spa and resort addition in New Mexico.
- Architectural production for construction drawings of a private resort and master plan in California.
- Architectural designer and production for design and construction drawings and permits for 94-unit high end apartment building in Denver, Colorado.



# 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

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

Abraham Lincoln

- Piping and Plumbing Engineer and Construction Administration for Wood County Schools 2021 HVAC Upgrades Wood County, WV (Approx \$21 Million)
- Piping and Plumbing Engineer for City of Marietta City Hall Renovations
- Piping and Plumbing Engineer on WVANG Eleanor Armed Forces Center in Red House, WV
- Piping and Plumbing Engineer on WVANG Kenova Shop Vehicle Exhaust in Kenova, WV
- Piping and Plumbing Engineer for City of Montgomery New City Hall Montgomery, WV
- Piping and Plumbing Engineer Kanawha County Schools Alum Creek Elementary Addition South Charleston, WV
- Piping and Plumbing Engineer for CAMC Womens & Children HVAC Renovation Charleston, WV
- Piping and Plumbing Engineer State of WV Building
   22 HVAC Renovations in Charleston, WV
- Piping and Plumbing Engineer for correcting issues with Ejector Pump State of WV Building 22
- Piping and Plumbing Engineer for Noble Local School District K-8 Building HVAC Replacement Noble County, OH
- Piping and Plumbing Engineer West Virginia
   University Parkersburg Caperton Center HVAC
   Rework in Parkersburg, WV
- Piping and Plumbing Engineer for West Virginia Dept of Natural Resources District 6 Complex in Parkersburg, WV
- Piping and Plumbing Engineer for West Virginia Dept of Natural Resources North Bend Lodge Renovation in Parkersburg, WV in Cairo, WV



# 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

SOMETIMES THE QUESTIONS ARE COMPLICATED AND THE ANSWERS ARE SIMPLE.

Dr. Seuss

- Project Manager and Mechanical Engineer on WVANG Eleanor Armed Forces Center in Red House, WV
- Project Manager on WVANG Kenova Shop Vehicle Exhaust in Kenova, WV
- Mechanical Engineer for City of Marietta City Hall Renovations
- Lead Mechanical Engineer for City of Montgomery New City Hall Montgomery, WV
- Lead Mechanical Engineer City of Charleston
   Community Centers HVAC Renovations Charleston,
   WV
- Project Manager and Lead Mechanical Engineer -HVAC Washington County Courthouse Marietta, OH
- Project Manager and Lead Mechanical Engineer Air Handler Replacement Wood County Courthouse Parkersburg, WV
- Mechanical Engineer Kanawha County Schools Alum Creek Elementary Addition South Charleston, WV
- Lead Mechanical Engineer HVAC Wood County Schools 2021 HVAC Upgrades Wood County, WV (Approx \$21 Million)
- Project Manager and Mechanical Engineer for CAMC Womens & Children HVAC Renovation Charleston, WV
- Lead Mechanical Engineer HVAC State of WV Building 22 HVAC Renovations in Charleston, WV
- Project Manager for Noble Local School District K-8 Building HVAC Replacement Noble County, OH
- Lead Mechanical Engineer West Virginia University
   Parkersburg Caperton Center HVAC Rework in Parkersburg, WV
- Lead Mechanical Engineer for West Virginia Dept of Natural Resources District 6 Complex in Parkersburg.



# ERIC SMITH, PE

DEPARTMENT MANAGER STRUCTURAL ENGINEER

## **BACKGROUND:**

#### **EDUCATION**

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

#### LICENSES

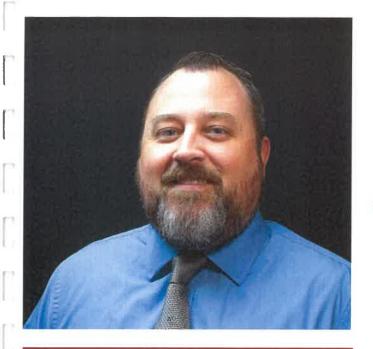
PROFESSIONAL ENGINEER W.VA. & OHIO

YEARS EXPERIENCE 14 YEARS

PERFECTION IS NOT AT-TAINABLE, BUT IF WE CHASE PERFECTION WE CAN CATCH EXCELLENCE.

Vince Lombardi

- Structural Engineer on WVANG Eleanor Armed Forces Center in Red House, WV
- Structural Engineer State of WV Building 22 HVAC Renovations in Charleston, WV
- Structural Engineer for City of Montgomery New City Hall Montgomery, WV
- Structural Engineer for City of Marietta City Hall Renovations
- Structural Engineer HVAC Washington County Courthouse Marietta, OH
- Structural Engineer Air Handler Replacement Wood County Courthouse Parkersburg, WV
- Structural Engineer Kanawha County Schools Alum Creek Elementary Addition South Charleston, WV
- Structural Engineer Wood County Schools 2021 HVAC Upgrades Wood County, WV (Approx \$21 Million)
- Structural Engineer West Virginia University -Parkersburg Caperton Center HVAC Rework in Parkersburg, WV
- Structural Engineer for Noble Local School District K-8 Building HVAC Replacement Noble County, OH
- Structural Engineer for West Virginia Dept of Natural Resources District 6 Complex in Parkersburg, WV
- Structural Engineer for West Virginia Dept of Natural Resources North Bend Lodge Renovation in Parkersburg, WV in Cairo, WV
- Structural Engineer CAMC Womens & Children HVAC Renovation Charleston, WV
- Marietta City Armory Renovations, Marietta, Ohio.



# SPENCER KIMBLE, P.E.

CIVIL ENGINEERING DEPARTMENT MANAGER
PROJECT MANAGER
CIVIL ENGINEER

# **BACKGROUND:**

**EDUCATION** 

WEST VIRGINIA UNIVERSITY B.S. CIVIL ENGINEERING

MARSHALL UNIVERSITY
M.S. ENGINEERING MANAGEMENT

**LICENSES** 

PROFESSIONAL ENGINEER WV, OH

YEARS EXPERIENCE 13 YEARS

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

- Civil Engineer for approximately 3,925 linear foot waterline and meter replacement in Devola, Ohio.
- Civil Engineer for approximately 2 miles of new waterline and sewer line installation in Williamstown, W.Va.
- Civil Engineer for approximately 4,600 linear foot of waterline and meter replacement in Marietta, Ohio.
- Project Manager and Civil Engineer for over 40 horizontal drilling locations throughout W.Va. and Ohio.
- Construction manager for multiple oil and gas projects throughout Ohio and West Virginia.
- Lead Civil Engineer for the design of \$1.8M physical therapy administrative building on Parkersburg, West Virginia.
- Lead Civil Engineer for the design of two medical office buildings totaling approximately 30,000 SF near the traffic circle in Parkersburg, W.Va.
- Lead Civil Engineer for renovation and reconstruction of a caustic tank loading/unloading facility at a local chemical plant.
- Lead Civil Engineer for construction of an mobile tank farm at a local chemical plant,
- Civil Engineer for three new \$8M ODOT Full Service Maintenance Facilities state DOT operations.
- Civil Engineer for the addition of a new Emergency Department to a hospital in Parkersburg, W.Va.
- Civil Engineer for the addition of a new Chiller Plant to a hospital in Huntington, W.Va.
- Construction manager for multiple oil and gas projects throughout Ohio and West Virginia.



# SEAN G. SIMON, AIA, NCARB

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

QUALITY IS NOT AN ACT, IT IS A HABIT.

Aristotle

- Project Architect for WV Governor's Mansion exterior evaluation and renovations.
- Project Architect for WV State Tax and Revenue Building Renovations.
- Project Architect for Mathiasis/Baker Fire Station.
- Project Architect for USDA Offices in Moorefield, 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, W.Va.
- Project Architect for the Monumental sign for Robert C. Byrd Courthouse in Charleston, W.Va.
- Project Architect for a renovation project for the Social Security and Department of Labor Office in Parkersburg, W.Va.
- 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 Accelerator at Camden Clark.





City of Parkersburg Parkersburg, W.Va.

Tom Joyce, Mayor of Parkersburg (P) (304) 464-5282



City of Marietta Marietta, Ohio

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



City of Vienna Vienna, W.Va.

Randall Rapp, Mayor of Vienna (P) (304) 295-5070

(E) rcrapp@suddenlink.net



Randolph County Development Authority Elkins, W.Va.

Robert L. Morris, Jr., Executive Director (P) (304) 637-0803 (E) ROBBIE@RCDA.ORG



State of WV General Services Charleston, W.Va.

Scot Casdorph, PE Architecture & Engineering Manager (P) (304) 957-7145

Washington County Department of Jobs and Family Service Marietta, Ohio

Flite Freimann, Director (P) (740) 434-0763

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Name, Title) Traci Stotts, AIA VP of Marketing and Development
(Printed Name and Title) Traci Stotts, AIA VP of Marketing and Development
(Address)11283 Emerson Ave. Parkersburg, WV 26104
(Phone Number) / (Fax Number) (304) 464-5305/(304) 464-4428
(email address)tstotts@pickeringusa.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Pickering Associates	
(Company) Starif Dotts	Traci Stotts, AIA VP of Marketing and Development
(Authorized Signature) (Represe	
Traci Stotts, AIA VP of Ma	rketing and Development 09/29/2022
(Printed Name and Title of Auth	orized Representative) (Date)
(304) 464-5305 / (304) 464-	1428
(Phone Number) (Fax Number)	
tstotts@pickeringusa.com	
(Email Address)	