

A/E Services for State of West Virginia General Services Division



BUILDING 37 WINDOW, HVAC, ROOF, AND ENVELOPE UPGRADES PROJECT

CEOI GSD2300000004

FEBRUARY 1, 2023



EST. 1988

OUR MISSION

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

Department of Administration, Purchasing Division
Melissa Pettrey
2019 Washington Street East
Charleston, WV 25305-0130



Ms. Pettrey,

Pickering Associates is pleased to have the opportunity to submit this proposal for providing Architectural/Engineering services for Building 37 Window, HVAC, Roof, and Envelop project. We are confident that our design team is very qualified to provide design services for this project.

Pickering Associates is a premier full-service A/E Firm located throughout West Virginia and Ohio and headquartered in Parkersburg, W.Va. The following proposal outlines our technical expertise, management, staff capabilities and experience for providing high-quality engineering and architectural services. Our approach will offer advantages in methodology and delivery, which will elevate the success of the proposed projects both now and for years to come. Our firm is very capable of providing full architectural, engineering, and construction administration services in house to complete the scope of the projects. Pickering Associates has provided comprehensive architectural and engineering services to multiple governmental agencies throughout our history.

I have visited Building 37 located in Kanawha City. As I walked around the building, the deteriorated joint sealant was noticeable. Existing joint sealant appears to be a urethane sealant which has been the preferred sealant for many years, but it has come to the end of its life expectancy. The multi-story building has ribbon windows and punch window openings. There is also evidence of several crack block units near the punch window openings. I understand that the building has had water infiltration issues for several years.

In accessing the entire building, Pickering would meet with maintenance staff and listen to their comments about the HVAC system and water infiltration issues. Then our mechanical engineer would review the existing mechanical system. We would also review the window conditions and do limited demolition to determine the source of water infiltration. We would then submit a report of our findings along with options for corrections. After review and input from General Services, we would create a Bid Package to address the issues.

Pickering has completed similar work at Building 22 and Building 32. I look forward to personally discussing our qualifications to complete this project on time, within budget and exceeding the standards of any firm you may have worked with previously. We will also be able to help the Owner decide and navigate the process if they want to restore the LEED-NC Silver accreditation.

Respectfully submitted,

A handwritten signature in red ink is located below the "Respectfully submitted," text. The signature is cursive and appears to read "Sean G. Simon". To the right of the signature, the text "AIA, NCARB" is written in the same red ink.

Sean G. Simon, AIA, NCARB
Project Manager /Construction Services Manager
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1.304.991.6275

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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.

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, Sean Simon, will communicate with each design discipline through all phases of design and construction to ensure the project is well coordinated. He will keep the GSD and other stakeholders 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. Sean will also lead in the development of the project schedule in conjunction with GSD and necessary stakeholders.

Pickering's project approach for each goal outlined below will look for any opportunity to reduce the overall projected schedule as well as project budget.

Goal/Objective 1:

Vendor will assess the current conditions of the building's storefront, windows and ribbon window systems, HVAC equipment, roof, and exterior building envelope. The Vendor will then prepare a written report with recommendations to the Agency regarding repair/upgrade options along with an estimated construction cost for the upgrades. Based upon recommendations from the assessment report, the Agency intends to replace the existing windows, upgrade the HVAC system, provide a new roof with safety rail, and clean and seal the existing building envelope.

Pickering would review all exterior and interior conditions, building's storefront, windows and ribbon window systems, HVAC equipment, roof, and exterior building envelope. After review of the site conditions, we would produce a report of our findings along with recommendations on how

to correct the issues. This would be very similar to what we did at the Governors Mansion, Building 22 and Building 32. The exterior envelope evaluation of the Governors Mansion and Building 32 projects were very successful projects. We regularly specify exterior cleaning of structures as part of a renovation project. It is important to remove any dirt and organic plant growth as part of the cleaning process. Soap and scrubbing with a brush makes a huge difference in removing dirt.

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

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 2:

The Agency intends to replace the existing windows and window systems. The current systems have been leaking for an extended period of time resulting in rotted supports with a high probability of microbial growth behind the walls.

YOUR PROJECT CONTINUED...

The window system will be replaced based upon recommendations and financial cost projections provided by the Vendor. The Vendor shall provide design services, construction bidding documents, and construction administration for the replacement of the window systems.

Pickering will evaluate the current window system and make recommendations for replacement systems that would best fit with the Owner's needs and budget. Pickering would create a bid package with all required specifications and drawings in order for a contractor to be able to remove and replace window systems. We will include the cost projections for the window replacement in the cost estimate provided with the evaluation report. The new window system installation will be part of the construction administration phase that Pickering Associate will provide.

Goal/Objective 3:

The Agency intends to upgrade the existing, primary HVAC systems to include, but not be limited to, chillers, hot water boilers, air handlers, powered and non-powered VAV boxes, and controls. The Vendor will attempt to mitigate the spread of airborne infectious diseases by incorporating current techniques to control airborne transmission through HVAC systems per the latest ASHRAE standards and guidelines. The HVAC upgrades will be based upon the recommendations from the assessment report. The Vendor shall provide design services, construction bidding documents, and construction administration for the repair and replacement of deficiencies identified. A total air balance should be anticipated at the conclusion of the HVAC upgrades.

Pickering Associates frequently implements ASHRAE Std 62.1 as part of the engineering services offered to clients. ASHRAE defines the purpose of Standard 62 as "minimum ventilation rates and indoor air quality that will be acceptable for human occupants and intended to minimize the potential for adverse health effects."¹ This standard goes on to include requirements for certain contaminants, construction processes, moisture, and more. Each component is analyzed for their contribution to improving air quality as described. With our vast experience in healthcare, we are very sensitive to air quality.

Construction protection is needed to help reduce moisture into a space from rain or simply from the transportation and storage of materials onto a construction site. Protective measures at the Construction phase include practices such as sealing off areas of construction and providing coverings for any open ductwork or piping on-site. These best practices are listed in the project specifications as standard practices. Pickering Associates Construction Administration team provides on-site enforcement of these standards on behalf of the owner upon agreement. Start-up, Owner training, and Testing and Balancing reports are an essential portion of ASHRAE to provide the proper documentation to verify that the design requirements are met. Pickering Associates establishes a meeting with project owners to discuss the various air quality methods at the beginning of each project's design. Depending on a project's specific scope of work, ASHRAE Std. 62.1 as well as any other codes for ventilation may be implemented into the design. Each project at Pickering Associates goes through an extensive code review process to determine which codes the design incorporates. In instances where various codes come into conflict, the more stringent code is implemented.

Pickering Associates reviews the applicable codes and selects equipment to design the most effective and energy efficient ventilation system with owner input for maintenance to complete a whole project approach.

YOUR PROJECT CONTINUED...

Goal/Objective 4:

The Agency intends to replace the existing roof system with a new 90-mil EPDM system to include a minimum 30-year warranty. Approved safety rails are also to be added, at a minimum to the upper level. The existing EPDM roof system is at the end of its warranty period, but is not currently leaking.

Pickering Associates has an extensive portfolio in roof replacements. We are very familiar with EPDM. With project types from Education to Healthcare, we have developed designs from minor repairs to extensive replacement roofing projects. Our team's commitment to providing clients with the highest quality design is what makes us superbly qualified in roofing design and replacements. Our diverse portfolio and individualized approach to every project enables us to exceed client's expectations.

For a Roof project our first step is to understand the building and it's needs. With our 3D Scanner and our thermal imaging technology we are able to take accurate measurements and assess current conditions. 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. This enables us to save on project time and money by identifying issues that need to be addressed. Problem areas such as a ponding area can be identified and the new insulation design can compensate so that water drains properly.

Another important aspect of our approach with Roof renovations is the construction stage. Our

Construction Administration team is vigilant in this progress and involved from day one in the design to ensure this control is maintained throughout the design and carried into construction.

During an occupied space renovation, it is important to maintain a clean air quality control plan during construction. This enables any particles or fumes that may be in the air to safely exit the building without affecting those who are working in the space. It is also important to identify points of egress into and out of the building so that building traffic will not be impacted by the roof work.

Goal/Objective 5:

The Agency intends to clean and seal the exterior envelope of the building in conjunction with the window system replacement to mitigate moisture intrusion. The exterior finish is currently dirty and the existing caulking in the expansion joints has deteriorated.

Pickering would create a bid package with all required specifications and drawings in order for a contractor to be able to remove and replace window systems, joint sealants and backing materials around the windows. Pickering has designed window leaking corrections for the Governor's Mansion (B-8), currently working on DHHR (B-32), and recently State Tax (B-22) as we renovated part of the first floor. The windows were leaking and we designed corrections to them.

We would recommend that as part of the design process, a test window be installed. This would serve both as a test case to verify our recommendations provide the desired outcome and would serve as a benchmark for the contractor addressing the rest of the windows.

Goal/Objective 6:

The Agency intends to administer construction of occupied renovations for the tenant

YOUR PROJECT CONTINUED...

agencies (DEP, PEIA, and RED), in which they continue to occupy the building. It is expected that construction will need to be designed and administered using a phased approach. Construction resulting from this design work will include AIA general conditions, as amended by the State of WV Supplementary Conditions, bid as a public improvement project compliant with all WV State Code regarding such procurement.

Construction in an occupied building can be addressed with forethought on the scheduling. As Pickering has shown in previous work in Building 22, we are 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 works in many of the hospitals and uses this experience to help plan the work and to help alleviate issues. A project that we designed for Women's & Children Hospital involved interior mechanical and drywall work on 4 of the 5 floors. The work was designed in phases and that allowed the hospital to continue operation. This also allowed for the contractor to make minimal disruption to the existing infrastructure.

Our Unique Qualities:

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

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

YOUR PROJECT

Project Owner

West Virginia State
Department of Administration
General Services Division

LEADERSHIP

Sector Director

Mark Welch, P.E.

Project Manager

Sean G. Simon, AIA, NCARB
Project Manager/
Project Architect/
Construction Administration
Manager

Sean manages the Charleston office and has over 30 years of experience in architectural programming, design, construction document production, and construction contract administration. That experience allows Sean to understand the building process quite well and can efficiently manage projects both large and small.

DESIGN TEAM

Electrical Engineering

Carl Henson, P.E.

Structural Engineering

Eric Smith, P.E.

Mechanical Engineering

Jeff Hosek, P.E. LEED AP



WHAT FULL SERVICE MEANS

CIVIC

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

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

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

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

OUR APPROACH

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



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

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

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

OFFICE LOCATION:

318 Lee Street, West
Suite 200
Charleston, WV 25302

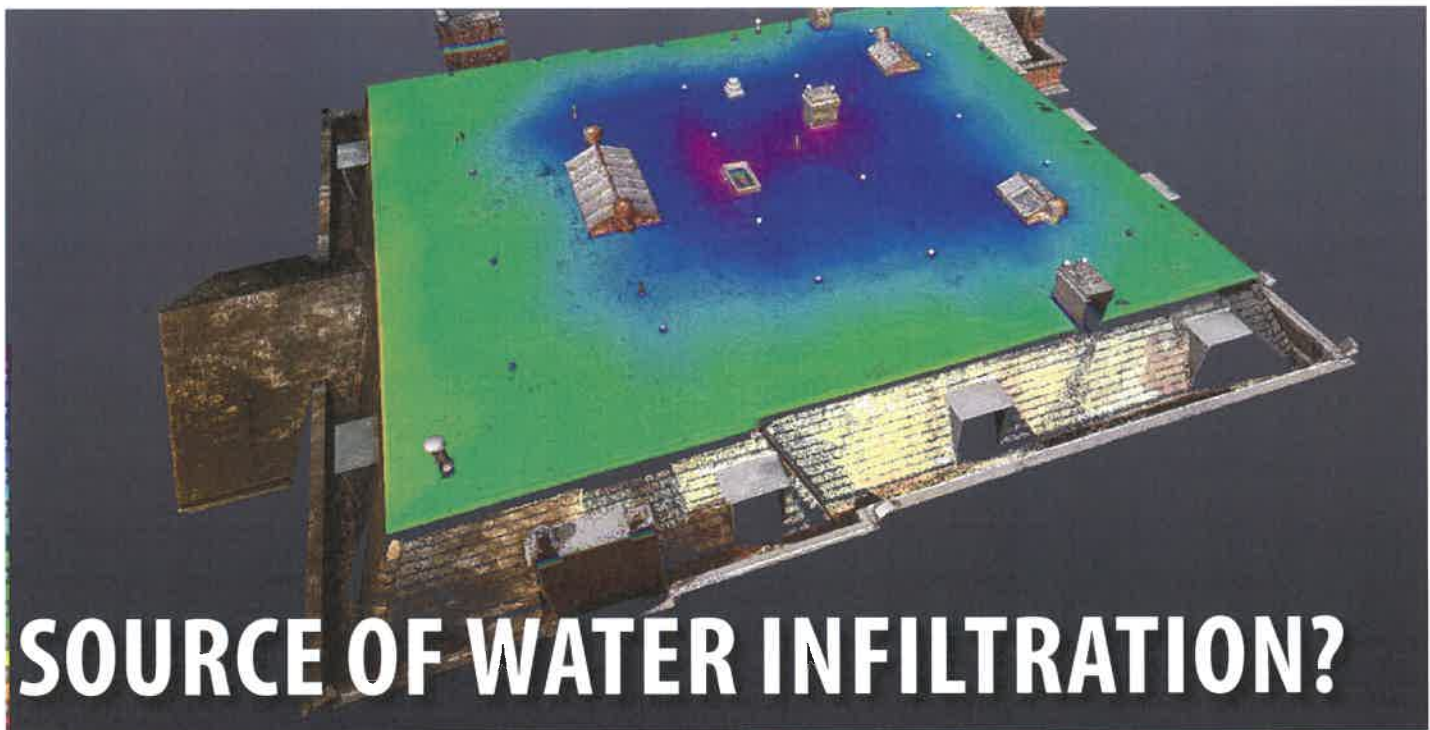
CONTACT INFORMATION:

Sean G. Simon, AIA, NCARB
Project Manager
(P) (304)345-1811 EXT: 1116
(E) ssimon@pickeringusa.com

SERVICES:

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

**Rated as one of the
TOP
Engineering Firms in
West Virginia.**
- The State Journal



Pickering uses technology and experience to help find source(s) of water infiltration. When reviewing roof drainage issues, our 3D scanner helps highlight ponding areas. While on site we can pay particular attention to these problematic areas.

When reviewing windows and general wall construction, our thermal camera and moisture meter help pin point the source of infiltration. Sometimes limited demolition is required to verify our assumptions. Pickering uses these tools to minimize demolition and to clarify the issues.

PAST PROJECTS

* More Project examples available upon request

State of West Virginia General Services Charleston, WV

Governors Mansion Roof Replacement
Building 22 HVAC Renovations
Building 13 Parking Garage Evaluation

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

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

Parkersburg Utility Board Parkersburg, WV

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

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

HAPCAP

Athens, Hocking, Perry, OH
South East Ohio Foodbank Freezer
Elevator Addition



STATE OF WEST VIRGINIA

BUILDING 32 WATER INFILTRATION

PROJECT SPECS:

PROJECT COST
EST (INVESTIVATIVE PHASE)

DESIGN COMPLETION
EST JUNE 2022

CONSTRUCTION COMPLETION
NOVEMBER 2022

Pickering Associates was hired to investigate the water infiltration of Building 32 - DHHR, determine the causes and solutions.

The investigation included windows, wall panel joints (both interior and exterior), top of roof parapets and wall reglet above one story roof.

As part of our investigation, we had a roofer remove some of the metal wall coping to verify that the roof membrane extended past the face of the parapets. Our design will address cracking in the precast concrete panels with injected epoxy to make them more water resistant. The project will also include cleaning and painting of the entire building.

SERVICES PROVIDED

STRUCTURAL
ARCHITECTURE
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

TIM LEE
ARCHITECTURE AND ENGINEERING SECTION
P) (304) 352-5536
E) TIMOTHY.M.LEE@WV.GOV





PROJECT SPECS:

PROJECT COST
\$2,308,775

DESIGN COMPLETION
MAY 2020

CONSTRUCTION COMPLETION
APRIL 2021

SERVICES PROVIDED

ARCHITECTURE
STRUCTURAL
PLUMBING
ELECTRICAL
MECHANICAL
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

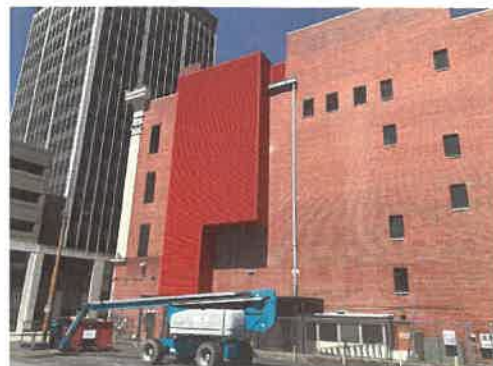
CLIENT CONTACT

SCOT R. CASDORPH, PE
ARCHITECTURE & ENGINEERING MANAGER
P) (304) 957-7145
E) SCOT.R.CASDORPH@WV.GOV

General Services Division's Building 22 houses WV State Tax Department. The building is four floors with a mezzanine and a full basement.

The project included removal of an existing roof top chiller, installation of two new roof top units, installation of a dry cooler, replacement of all VAV's thru out the building, removal of all existing air handlers, installation of new ductwork from the roof top units down to each floor in an exterior enclosure, and new controls for all VAV's and roof top units. There are CRAC units on the second floor which were changed over to operate with the roof mounted dry cooler since the chiller was removed.

The work was completed while the building was occupied. With a great deal of preplanning and a team approach each bi-weekly job meeting included discussion of progress and any needed changes were made relating to the schedule and relocation of staff. The most important factor was to keep the Tax operations working and this was accomplished.





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.





PROJECT SPECS:

PROJECT COST
APPROX \$16MM

SQUARE FOOTAGE
TOTAL ESTIMATED 1,000,500

DESIGN COMPLETION
2017 - 2019

CONSTRUCTION COMPLETION
2017 - 2019

SERVICES PROVIDED

ARCHITECTURE
PROJECT MANAGEMENT
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

MARTIN BEST
MAINTENANCE DIRECTOR
P) (304) 420-9568
E) MBEST@K12.WV.US

Pickering Associates worked with Wood County Schools to develop a comprehensive plan to re-roof twenty-three of the County School buildings. After prioritizing the schools, Pickering developed drawing and specification bid packages for each facility.

The work was complete over the summers of 2017, 2018, and 2019 with multiply bid packages awarded each summer. In addition to the re-roof design work, Pickering also coordinated with a asbestos testing agency to core each roof in various locations to check for asbestos. The roof cores also served to verify existing roof insulation thickness and type of roof deck at each location.

Each year the projects were publicly bid early in the season so Wood County would receive the best pricing possible. Then all work was completed during the summer break.

The new roof systems were comprised of 90 mil EPDM with protection board under it. A 20 year warranty was specified. All roofing details were 30 year warranty details, thus the roof system should last well beyond the 20 year warranty. Pickering Associates conducted weekly site visits on each project to help ensure installation went as designed. Weekly project updates were emailed to the Owner so they would fully understand the progress. Bi-weekly job meetings were also held during construction.



CHARLESTON AREA MEDICAL CENTER WOMEN & CHILDREN'S HVAC

PROJECT SPECS:

PROJECT COST
\$1,166,400

SQUARE FOOTAGE
N/A

DESIGN COMPLETION
FEBRUARY 2019

CONSTRUCTION COMPLETION
JANUARY 2020

SERVICES PROVIDED

ELECTRICAL
MECHANICAL
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

DAVID CHILDERS
CORPORATE DIRECTOR
P) (304) 388-4930
E) DAVID.CHILDRES@CAMC.ORG

The hospital desired flexibility/redundancy to switch from one of two plants in the event of maintenance or equipment failure. Chilled water pumps serving each side were separated with a cross connection between the existing 350 ton and 250 ton chiller plants at the Charleston Area Medical Center (CAMC) Women and Children's Facility.

The 350 ton unit is currently feeding 200 gallons per minute (GPM) to the 250 ton chiller loop. With the additional chilled water demand and the future cross over to the 250 ton chiller on the existing pumping system the existing duty/stand-by pumps were not sufficient. Both the duty and stand-by pumps will be upgraded to meet the new flow requirements. The pumps were designed operate in tandem to supply the total connected flow. The pumps were provided with VFD's for future modulating control of the future cross over piping system.

The intent of the future cross over piping is to remove the existing cross connection and abandon it in place and install a new cross connection sized for 100% of the current load served by the 250 ton chiller. The new cross connection will continually feed the 250 ton chiller loop and during emergency situations feed 100% of the demand on the 250 ton chiller plant.



PROJECT SPECS:

ESTIMATED PROJECT COST
\$425,962

DESIGN COMPLETION
APRIL 2019

CONSTRUCTION COMPLETION
JUNE 2021

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.



WEST VIRGINIA DIVISION OF NATURAL RESOURCES NORTH BEND STATE PARK LODGE RENOVATION

PROJECT SPECS:

PROJECT COST
EST \$4.07 MILLION

SQUARE FOOTAGE
26,288 SF

DESIGN COMPLETION
APRIL 2020

CONSTRUCTION COMPLETION
JANUARY 2022

SERVICES PROVIDED

ARCHITECTURE
BIM DESIGN
CIVIL
LANDSCAPE ARCHITECTURE
STRUCTURAL
MECHANICAL
ELECTRICAL
PLUMBING
PROJECT MANAGEMENT
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

BARROW KOSLOSKY
CHIEF, PLANNING, ENGINEERING AND MAINTENANCE
P) (304) 558-2764
E) BARROW.A.KOSLOSKY@WV.GOV

Pickering Associates worked with the West Virginia Division of Natural Resources (WVDNR) to perform design services for redecorating and renovating the North Bend State Park Lodge in Cairo, West Virginia. The project includes replacement of the existing membrane roofing system (approximately 16,000 SF), total ADA upgrades, modifications to improve the exterior facade and landscaping, window replacement and addition of new window locations, as well as design of a pergola structure at the existing outdoor dining area.

Interior improvements include: Door replacement and access control, new flooring throughout the building, toilet room upgrades, wall and ceiling finish replacement, plumbing fixture replacement, water heater replacement, new LED lighting throughout, addition of a fire alarm system, replacement of kitchen hood system, replacement of PTAC units in guest rooms, new mechanical system in dining room and lobby areas to replace existing PTAC units, add HVAC/fresh air to existing corridor spaces, addition of a standby generator, and material, color & furniture selection.

Virtually every interior and exterior feature was replaced or improved to create a comfortable and modern lodge.



STATE OF WEST VIRGINIA

GOVERNOR'S MANSION

EXTERIOR ENVELOPE RENOVATIONS

PROJECT SPECS:

PROJECT COST
\$451,125

SQUARE FOOTAGE
VARIOUS

DESIGN COMPLETION
JUNE 2020

CONSTRUCTION COMPLETION
MARCH 2021

SERVICES PROVIDED

ARCHITECTURE
STRUCTURAL
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

SCOT R. CASDORPH, P.E.
ARCHITECTURE & ENGINEERING MANAGER
P) 304-957-7145
E) SCOT.R.CASDORPH@WV.GOV

This project was completed in two phases. Phase 1 was to inspect and evaluate the exterior walls, columns, porches, downspouts, gutters and roofs for the main house, kitchen addition and garage addition. Pickering Associates used a drone equipped with a camera in order to obtain pictures of brick masonry walls for review and inspection. Pickering also performed a 3D scan of the main flat roof to determine the extent of the center low as well as a thermal camera and 3D scan of the inside to determine the source of the interior leaks. After the evaluation was complete a report was issued to the owner with the findings and a detailed cost estimate for the repairs.

Phase 2 of the project included the design documents for the exterior renovations and re-roofing of the building. Pickering submitted the project for review by WV State Historic Preservation Office. The Project was approved by SHPO. In addition, Pickering presented the project to the Capitol Building Commission; the CBC also approved the project.

This project was publicly bid.

Pickering Associates also provided Construction Administration for owner, including weekly site visits and reports.





PROJECT SPECS:

ESTIMATED PROJECT COST

\$365,500 - WINDOWS & DOORS
EST \$613,246 - MEDICAL WING

DESIGN COMPLETION
SPRING 2019

CONSTRUCTION COMPLETION
FALL 2021 - WINDOWS & DOORS
OWNER TO DETERMINE - MEDICAL
WING

SERVICES PROVIDED

ARCHITECTURE
ELECTRICAL
MECHANICAL
PLUMBING
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

JONATHAN NEAL
DEPUTY BRANCH CHIEF
TRAINING SITE BRANCH
P) (304) 791-4138
E) JONATHAN.I.NEAL.NFG@MAIL.MIL

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

One project included complete replacement of doors and windows with new blast-resistant exterior doors and windows and all new interior doors.

The second project included complete demo and reconstruction of the medical wing to provide new waiting rooms, exam rooms, a dental suite, EKG room, hearing testing and multiple private offices, consultation rooms and restrooms.





WV ARMY NATIONAL GUARD

CAMP DAWSON COTTAGE RENOVATIONS

PROJECT SPECS:

PROJECT COST
EST \$1.25 MILLION

SQUARE FOOTAGE 3 COTTAGES:
1300 SF
2700 SF
3400 SF

DESIGN COMPLETION
75% COMPLETE

CONSTRUCTION COMPLETION
TBD

SERVICES PROVIDED

ARCHITECTURAL
STRUCTURAL
CIVIL
ELECTRICAL
MECHANICAL
PLUMBING
CONSTRUCTION MANAGEMENT
PROJECT MANAGEMENT

CLIENT CONTACT

JONATHAN NEAL
PROJECT MANAGER
WVARNG-CFMO
P) (304) 791-4138
E) JONATHAN.I.NEAL.NFG@MAIL.MIL

The West Virginia Army National Guard selected Pickering Associates to design improvements to three residential cottages at their Camp Dawson facility in Kingwood, W.Va. The cottages are used by traveling staff and visitors at the base. Each cottage has its own style, ranging from rustic to elegant, and will receive upgrades and improvements inside and out.

Renovations include new exterior siding and stone, windows, doors, and site improvements such as new patios and ADA ramps. Interior upgrades include total energy-efficient HVAC and lighting replacement, electrical improvements, new plumbing fixtures, fully remodeled restrooms and kitchens, and new interior doors. Some rooms will be redesigned to create an open floor plan in the living/kitchen areas, and some guest rooms will be provided with new private bathrooms where they were originally shared between rooms. In addition, all flooring and trim will be replaced, and all walls and ceilings will be painted or covered. New gas fireplaces will be installed in all three cottages.

Once complete, the cottages will be virtually entirely renovated for improved comfort, energy efficiency and safety for all guests and visitors.



PROJECT SPECS:

ESTIMATED PROJECT COST
\$992,240

DESIGN COMPLETION
FALL 2021

CONSTRUCTION COMPLETION
TO BE DETERMINED BY OWNER

SERVICES PROVIDED

ARCHITECTURE
CIVIL
ELECTRICAL
MECHANICAL
PLUMBING
STRUCTURAL
CONSTRUCTION ADMINISTRATION
PROJECT MANAGEMENT

CLIENT CONTACT

JONATHAN NEAL
PROJECT MANAGER
WVARNG-CFMO
P) (304) 791-4138
E) JONATHAN.I.NEAL.NFG@MAIL.MIL

The West Virginia Army National Guard selected Pickering Associates to design renovations to two existing buildings which serve as support facilities for the airfield at Camp Dawson.

One building is a single story structure that provides temporary lodging for pilots while onsite. Renovations will include all new blast-resistant exterior doors and windows, new interior doors, upgraded plumbing, HVAC and electric, and all new interior finishes.

The other building is also one story, and houses the control room for the airfield, and miscellaneous offices. Renovations will include all new blast-resistant doors and windows, a new roof, new interior doors, construction of new offices, a conference room, a new ADA restroom, and a garage for a utility vehicle. In addition, the building will receive all new interior finishes and ADA improvements, and the plumbing, HVAC and electric will be upgraded.



WV DHHR

EASTRIDGE HEALTH SYSTEMS MASONRY REPAIRS

PROJECT SPECS:

PROJECT BUDGET
\$374,083

SQUARE FOOTAGE
NA

DESIGN COMPLETION
APRIL 2019

CONSTRUCTION COMPLETION
NOVEMBER 2020

SERVICES PROVIDED

ARCHITECTURE
STRUCTURAL
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

KRISTOPHER R. WILCOXEN
P) (304) 993-0480
E) KRISTOPHER.R.WILCOXEN@WV.GOV

The West Virginia Department of Health and Human Resources Bureau for Behavioral Health & Health Facilities hired Pickering Associates to perform an inspection and to provide designs for the masonry repairs at Eastridge Health Systems located in Martinsburg, West Virginia.

The brick façade on the exterior portions of the building were becoming deteriorated and beginning to come apart. Pickering's Architecture and Structural team worked with the client to set up the project scope and design for the repairs to be developed in a two-phase approach. Phase one included the initial inspections of the project site. The team did a thorough inspection of the existing conditions and used a 3D scanner to capture accurate measurements and photographs of the current site conditions. This technology allowed for more accurate measurements and data, with less of the travel time and budget scope. In addition to the inspection a cursory survey was performed to develop the limits of the project site. This information was used to develop the contractor's site plan and help to show the layout areas of material storage for construction.

After the inspections and surveys were completed Pickering's project team assembled the construction documents to repair the masonry issue with consideration to the structures existing façade requirements.





MARK WELCH, P.E.

DIRECTOR OF MUNICIPAL & COMMERCIAL DESIGN
SENIOR PROJECT MANAGER
CIVIL/STRUCTURAL ENGINEER
PROJECT MANAGEMENT

BACKGROUND:

EDUCATION

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

LICENSES

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

YEARS EXPERIENCE

18YEARS

- Project Manager and Construction Manager for a \$16 million-dollar capital improvement project at a manufacturing facility in West Virginia.
- Project Manager and Construction Manager for a \$14 million environmental compliance project at a manufacturing facility in West Virginia.
- Project Manager and Construction Manager for over 20 different capital improvement and maintenance projects at a manufacturing facility in West Virginia.
- Civil/Structural lead and Project Manager for the construction of a \$25 million-dollar NGL storage facility in Louisiana.
- Project Manager for approximately 2 miles of new waterline and sewer line installation in Williamstown, W.Va.
- Lead Civil and Structural Engineer and project manager for development of numerous oil and gas well pads and production facilities throughout the Ohio/W.Va.
- Lead Civil and Structural Engineer in designing high voltage (138-69kV) substations.
- Project Manager and Civil Engineer for a brownfield development of approximately 30 acres for a new manufacturing facility.
- Civil Engineer for a polymer recycling facility located in the Polymer Alliance Zone in Davisville, W.Va.
- Civil Engineer for an expansion of operations at a refinery in Marietta, Ohio.
- Designed storm water system and new grading layout for a fire department annex in Vienna, W.Va.
- Lead Civil Engineer for a new 930 square foot equipment room addition for a cath lab renovation at a hospital in Parkersburg, W.Va.

“THE JOY OF ENGINEERING IS TURNING TODAY’S DREAM INTO TOMORROW’S REALITY.”

SEAN G. SIMON, AIA, NCARB

CONSTRUCTION SERVICES MANAGER
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 & OH

YEARS EXPERIENCE

31 YEARS

“QUALITY IS NOT AN ACT,
IT IS A HABIT.”

Aristotle

- Thirty-one years of experience in architectural programming, design, construction document production, and construction contract administration.
- Previously the Director of Construction Services at Silling Architects.
 - *Delaware OH, I provided full time on site representation for a \$40M four story courthouse. Project included deep foundations, H piles with lagging, cast-in-place post tensioned floors and beams for 2 lower levels of parking, and steel frame and masonry structure above. I handled contractor RFI's, issued weekly reports and documentation, reviewed submittals and pay requests.
 - * Chesapeake Energy, I provided site observations and project management for \$100M at various locations in Pennsylvania. Most the projects were constructed at the same time. Projects included a 4 story office building, multiple garage/repair buildings, and an electrical service building for a compressor station.
- Project Manager for a \$3.5M storm water piping and separation project for Kraton Polymers in Belpre, OH. The project was constructed around an existing retention pond. Project included 2 lift stations (20' and 24' deep), 29 precast concrete structures ranging from catch basins to 16' deep manholes, a cast in place concrete clarifying tank, and 24" and 36" diameter piping. I handled the bidding process as well as weekly site visits and job meetings.
- Project Architect for WV Governor's Mansion exterior evaluation and renovations.
- Project Architect for WV State Tax and Revenue Building Renovations.
- Project Architect for State of WV Building 32 Renovations.
- Project Architect for Mathias/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.



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

18 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



CARL HENSON, P.E.

ELECTRICAL DEPARTMENT MANAGER
ELECTRICAL 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

41 YEARS

- Responsible for the electrical design and auditing of safety systems in industrial and commercial facilities.
- 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 evaluation of industrial process documentation and determination of area classification for both hazardous vapors and dust.
- 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.
- Lead Electrical Engineer for a proposed new 138 kV substation at a solar silica manufacturer in Caldwell, Ohio.

“ONE MAN’S ‘MAGIC’ IS ANOTHER MAN’S ENGINEERING. ‘SUPERNATURAL’ IS A NULL WORD.”

Robert A Heinlein



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

24 YEARS

- 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



REFERENCES



City of Marietta
Marietta, OH

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



City of Vienna
Vienna, WV

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



Charleston Area Medical Center
Charleston, W.Va.

David Childers, Director of Construction
Services
(P) (304) 388-4930
(E) david.childers@camc.org



West Virginia
General Services

State of WV General Services
Charleston, WV

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEO1 GSD2300000004

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

Pickering Associates

Company


Authorized Signature

February 1, 2023

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.

(Printed Name and Title) Sean G. Simon, AIA, NCARB/Construction Services Manager

(Address) 318 Lee Street, West; Suite 200; Charleston, WV 25302

(Phone Number) / (Fax Number) P:304-345-1811/C:304-991-6275/F:304-345-1813

(email address) ssimon@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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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)



(Signature of Authorized Representative)

Sean G. Simon, AIA, NCARB/Construction Services Manager

(Printed Name and Title of Authorized Representative) (Date)

P:304-345-1811/C:304-991-6275/F:304-345-1813

(Phone Number) (Fax Number)

ssimon@pickeringusa.com

(Email Address)