



Architects • Engineers • Surveyors

*Expression of Interest:
Camp Dawson Master Plan Design*

State of West Virginia Centralized Expression of Interest - Solicitation # 0603 ADJ1800000002

08/31/17 13:17:32
WV Purchasing Division

www.PickeringUSA.com



Architects • Engineers • Surveyors

Dear Review Committee:

Pickering Associates is pleased to have the opportunity to submit this proposal for providing Architectural/Engineering design services for providing a Master Plan for the West Virginia Army National Guard's Camp Dawson Training Center. We feel confident our design team is uniquely qualified to provide design services for this project.

Our approach will offer advantages in methodology and delivery, which will elevate the success of your project both now and for years to come. Our firm is capable of providing full architectural and engineering services in house to complete the scope of your project and has had the opportunity to provide full architectural and engineering services to multiple governmental agencies throughout our history. Our team, through our past projects and experiences, has learned unique ways to meet even the most challenging of demands. We will take the time to review and evaluate not only the existing equipment but also understand the issues and challenges the owner and personnel are struggling with on a daily basis. Our task following these evaluations will be to provide the owner's team with options to meet their needs and budget. We focus not only on just the initial cost but also life cycle cost to the owner's bottom line and provide insight to all aspects of the scope to allow the owner to make an informed decision; insuring that every dollar is spent wisely.

You will see that team work 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 project becomes a reality.

Some challenges that can occur with these types of projects can come from multiple sources but most will stem from the uniqueness of each building and the conditions found in each. Through the years, Pickering has taken pride in finding unique solutions to some of the most challenging problems. From a very short delivery/need based schedule for emergency work to limited and stretched budgets/funds. 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.

Another challenge can come from multiple design firms on one project. With Pickering, our company can provide full services in all areas of architecture and engineering without stepping foot outside our company. Each project/client gets assigned a project lead who handles all coordination within our organization. This structure removes the traditional deflection of responsibility when an issue arises and gives the client and the project lead a direct understanding of roles and responsibility on the project.

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

Should you have any questions regarding this proposal, please do not hesitate to contact us.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Charles Keefer", written over a circular blue stamp or watermark.

Charles Keefer, Charleston Branch Manager
ckeefer@pickeringusa.com | 304.345.1811



Management and Staffing

Parkersburg

11283 Emerson Ave
Parkersburg, WV 26104
(P) 304.464.5305
(F) 304.464.4428

Charleston

318 Lee Street W.
Charleston, WV 25302
(P) 304.345.1811
(F) 304.345.1813



Company Background

Marietta

326 3rd Street
Marietta, OH 45750
(P) 740.374.2396
(F) 740.374.5153

Founded in 1938, Pickering Associates has been providing architectural, engineering and surveying services to the Mid-Ohio Valley for over twenty-five 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 architectural, engineering and surveying firm consists of an exceptional balance of experience and the desire to provide our customers with a quality product at a fair price. 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.

Athens

2099 East State Street, Suite B
Athens, OH 45701
(P) 740.593.3327
(F) 800.689.3755

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.

A Multi-disciplined Approach

To meet the challenges confronted by our clients, Pickering Associates has assembled teams of technical professionals spanning a diverse range of disciplines. This collaborative multi-disciplined approach creates a well-aligned firm providing fully integrated solutions to clients operating across a range of business activities. It is the integration of our in-house service offerings that uniquely positions our firm to deliver solutions that offer reduced project cycle times as well as improved performance and flexibility while providing the lowest project life cycle cost. Simply put, we bring together the best.

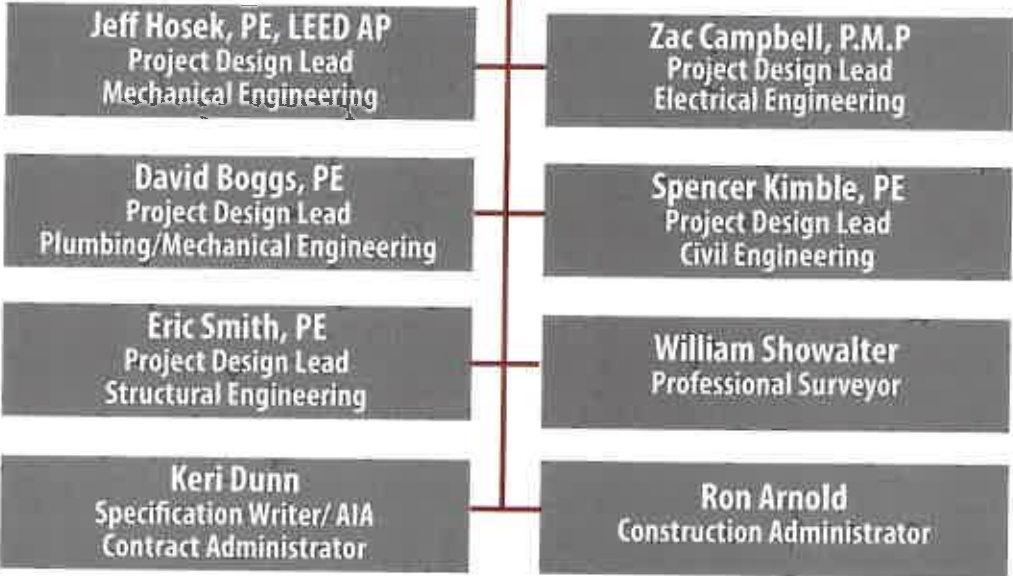
Community Involvement

Pickering Associates has a deep-rooted commitment to our local community and schools. We host four engineering-themed days at Hamilton Middle School, our partner in education, each spring. We are a business partner of Building Bridges to Careers, through which we travel to classrooms to teach students about engineering and sustainability while providing real world experience and examples. We host shadow students and interns in all of our disciplines. We also donate funds to local scholarship programs for students studying petroleum engineering.



**West Virginia Army National Guard
Construction and Facilities Management Office**

**Charles Keefer, AIA
Project Architect
Project Management**



Project Team Pickering Associates





Technical Expertise



Charles Keefer, AIA

Position/Title

*Architect,
Charleston Branch Manager*

Duties

Architect and Project Manager

Education

*Virginia Polytechnic Institute and State University
B.A., Architecture*

Licenses

Professional Architect WV, OH, and PA

*Study nature, love nature, stay close
to nature. It will never fail you.*

Frank Lloyd Wright

Lead Architect and Construction Administrator for Kanawha County Sheriff Office Renovations in Charleston, WV. Provided design and construction administration for renovations to two existing buildings to accommodate the Kanawha County Sheriff's Department and the Kanawha County Prosecuting Attorney's Office. Overall project cost was \$7.2 million.

Lead Architect and Construction Administrator for Fire, Crash and Rescue Station at Yeager Airport in Charleston, WV. Provided design and construction administration for 20,000 SQ FT response and command station that includes 12 apparatus bays, living areas, full kitchen and dorms as well as the main communications for the Guard's responsive units.

Lead Architect and Construction Administrator for the Kanawha County Public Safety Annex in Downtown Charleston, WV. Worked with the Clients through all phases of design and construction for this project, including construction oversight. Project programming consisted of two buildings and included multiple staff offices, a main lobby area, four large meeting rooms, a mock trial room for training, breakroom, toilets, high security evidence storage for the County Sheriff, a processing and holding center, vehicle storage for the County's rescue equipment including a boat and SWAT vehicle, two high security vehicle bays, a driving and gun training simulator, and miscellaneous support spaces. The project was approximately \$10M in construction costs.

Lead Architect and Construction Administrator for Phased Restoration Project in Historic Chestnut Hill in Philadelphia, PA. Project included two phases: Phase 1 was the restoration and stabilization of the facade on the building while preparing the building to receive two additional floors above the existing first floor. Phase 1 also included the addition of a pet supply/grooming store to the first floor retail. Phase 2 has been slated for Spring of 2017 which will create three 1,500 sq. ft. apartments with outdoor terraces.

Lead Architect for the Boone County Courthouse Annex in Madison, WV. This project consisted of a new four-story addition to the existing courthouse structure. Programming included a main entrance lobby, two family courtrooms, office suites for judges, miscellaneous staff offices, County Sheriff offices, offices for the County Commission, storage facilities, and various support spaces. Project cost approximately \$3.5M.

Lead Architect and Construction Administrator for the Kanawha County Family Court Renovations. Project renovations included a total building renovation for the existing facility. New spaces included three courtrooms, three family court office suites, new restrooms and various support spaces. Also included in the project scope were updates and renovations to the existing main lobby area. Charles provided design, project management, and construction oversight for the project. Project costs approximately \$500K.

Lead Architect and Construction Administrator for the Putnam County 911 Center in Winfield, WV. This \$4.5M project consisted of a new one-story building for EMS and 911 operations for Putnam County. The EMS section consisted of various staff offices, sleeping quarters, living areas, shower and toilet rooms, smaller meeting rooms, a kitchen, and various support spaces. The 911 portion of the building contained a 911 call center area, director office, assistant director office, head of call center office, miscellaneous work rooms, breakroom, and a large, flexible training facility with state-of-the-art technology to accommodate multiple uses. Project cost approximately \$4.5 million.

Lead Architect and Construction Administrator for Full Facade and Interior Restoration and Renovation in Historic Chestnut Hill in Philadelphia, PA. Project included underpinning the basement level to create a useable storage space for the retail store which was 5,500 sq. ft. Entire interior was gutted and restored and included interior updates for code requirements for the row apartments located above the retail space. Served as the Architect of Record and the Owner's Representative.



Jeffrey D. Hosek, P.E.

Position/Title

*Mechanical Engineer
LEED Project Engineer
Mechanical Engineering Department Manager*

Duties

Mechanical Engineer

Education

*University of Akron
B.S., Mechanical Engineering*

Dr. Seuss

Licenses

Professional Engineer WV, OH, KY, PA

*Sometimes the questions are
complicated and the answers
are simple.*

Lead Mechanical Engineer for Emergency Department Consolidation and Patient Room Expansion project. Project scope includes providing design and engineering for the steam connection to the existing heating plant on the south tower with an underground feed to the new facility, coordinating heating tie-in, provide design and engineering for the heating piping distribution, provide design and engineering for the building's new chiller plant and piping distribution, provide design and engineering for the building's air moving equipment and distribution, provide design and engineering for the installation of miscellaneous equipment for the new floor plan arrangements.

Mechanical Engineer of record for the conversion of a multi-unit HVAC system into a more efficient single unit system at the Caperton Center on the campus of West Virginia University at Parkersburg. Added additional zones to allow for additional user control of set points.

Mechanical Engineer for a new FBI field office in Cleveland, Ohio. Energy efficient equipment and significant sound attenuation materials were used in this four-story building.

Lead Mechanical Engineer and Project Manager for OR Chilled Water project at Cabell-Huntington Hospital. Provided design options for reducing the levels of acceptable ranges, and implemented installing another chiller in series and replacing fan and coil components of the existing operating room air handling units.

Lead Mechanical Engineer for a new 5,400 SF medical office building located in Belpre, Ohio. This office is a satellite office for a previous client who wished to expand services. The new building is home to an Osteoporosis Clinic and DXA scanning suite which are capable of operating independently of each other.

Lead Mechanical Engineer for OB and pediatric department renovations. Project included re-routing existing portions of the supply, return and exhaust ductwork and modify/install new as necessary for the renovated spaces. Project also included relocated air devices and thermostats.

Lead Mechanical Engineer for Fifth Floor Medical/Surgical Nursing Unit Renovations. Project included removing two P-TAC units from each of the patient rooms on the north wing of the project area and replace with a 4-pipe heating-cooling unit in the ceiling space and new chilled and steam piping routed from the mechanical penthouse. Control for the units was connected to the existing facility automation system.

Lead Mechanical Engineer for a new Healthcare suite on the fourth floor of the main hospital. Project included re-routing existing portions of the supply, return and exhaust ductwork and modify/ install new as necessary for the renovated spaces. Project also included relocated air devices and thermostats.

Lead Mechanical Engineer for the renovation of the first floor for Nursing and Dialysis. Project included design of new system for isolation rooms, re-routing existing portions of the supply, return and exhaust ductwork and modify/install new as necessary for the renovated spaces. Project also included relocated air devices and thermostats.

Lead Mechanical Engineer for the renovation of First East. Project included the renovation of over 11,000 SF of existing space on the first floor of the main hospital. Design Included a medical/surgical nursing unit, dialysis and isolation area. The isolation rooms each required separate HEPA filter systems among other precautionary steps.

LEED project manager for converting a downtown Columbus, Ohio fire station into a local family health center. Replaced existing mechanical and electrical systems with updated energy-efficient systems. Existing equipment was recycled to limit construction waste and utilized local and regional materials to comply with LEED requirements.

Prepared plans for new VAV indoor steam and chilled water air handler with humidification for new surgery rooms. Reworked existing piping and ductwork to work with floor plan revisions.



Zac A. Campbell, P.M.P.

Position/Title

Electrical Engineer,
Electrical and Controls System Engineering
Department Manager

Duties

Electrical Engineering

Education

Fairmont State University
B.S., Electrical Engineering and Technology
Marshall University,
M.S., Engineering Management

Licenses

Project Management Professional,
Project Management Institute

“The difference between the possible and the impossible lies in a person’s determination.”

Tommy Lasorda

Lead Electrical Engineer for new Emergency Department Consolidation and Patient Room Expansion project.

Project scope includes providing design and engineering for the electrical connection to the existing 15kV Mon Power switch tap and the installations of the new medium voltage underground feed to the new facility electrical room, providing design and engineering for the building's electrical distribution system to meet the expectations of the new electrical loads, providing design and engineering for the installation of new receptacles, light fixtures, light switches, electrical equipment for the new floor plan arrangements, providing design and engineering for the life safety requirements, emergency power requirements, and emergency lighting requirements for the new floor plan arrangements, etc.

Electrical Engineer for the renovation of HVAC system in a campus building in Athens, Ohio. Project included replacement of air handling unit motors and specifying wiring of new Variable Frequency Drives.

Electrical Engineer for a new medical office building located in Belpre, Ohio. Project included new receptacles, light fixtures, life safety, emergency power and lighting, fire alarm detection, and telecommunication. Extensive coordination was required for the specialized scanning equipment.

Electrical Engineer for OB and Pediatric department renovations. Project included new receptacles, light fixtures, life safety, emergency power and lighting, fire alarm detection, telecommunication, nurse call and facility paging to fit the new floor plan.

Electrical Engineer for Fifth Floor Medical/Surgical Nursing Unit Renovations. Project included new receptacles, light fixtures, life safety, emergency power and lighting, fire alarm detection, telecommunication, nurse call and facility paging to fit the new floor plan.

Electrical Engineer for Third Floor Medical/Surgical Nursing Unit Renovations. Project included new receptacles, light fixtures, life safety, emergency power and lighting, fire alarm detection, telecommunication, nurse call and facility paging to fit the new floor plan.

Electrical Engineer for an emergency room, fast-track, and central registration renovation project. Project included new receptacles, light fixtures, life safety, emergency power and lighting, fire alarm detection, telecommunication, nurse call and facility paging to fit the new floor plan.

Electrical Engineer for the design and construction administration of a new 1200A, 480V electrical service and electrical distribution system in an existing building in Downtown Parkersburg, WV for West Virginia University at Parkersburg's new Downtown Center. The project includes a new main panel and subpanels throughout the building for future building loads.

Electrical Engineer for the relocation of three cardiac catheterization laboratories. Project consisted of three new cath labs, adjacent control rooms, equipment rooms, special procedure bays, echo room, stress testing room and various support spaces.

Electrical Engineer for the installation of two (2) uninterruptable power supplies for the main operating rooms and the ambulatory surgery rooms at Marietta Memorial Hospital.

Electrical Engineer for the Fourth Floor Acute Care Unit Renovations. Project included renovations to approximately 19,600 SF of the fourth floor at the north tower and east/west wings of the main building at the Memorial Campus. The area was renovated to accommodate 33 private acute care patient rooms, 10% of which are ADA compliant. The project also included provisions for nurse stations, clean utility, soiled utility, nourishment, medication rooms, storage rooms, central bathing facilities, offices, staff locker rooms, and various other support spaces as required by the functional program.



David A. Boggs, P.E.

Position/Title

Senior Mechanical Engineer, Plumbing Engineer
Vice President of Operations

Duties

Mechanical and Plumbing Engineer

Education

Virginia Tech,
B.S., Mechanical Engineering
Marshall University,
M.S., Engineering Management

Licenses

Professional Engineer WV, OH

*“Determine that the thing can
and shall be done, and then we
shall find the way.”*

Abraham Lincoln

Lead Plumbing Engineer and Mechanical Engineer for Emergency Department Consolidation and Patient Room Expansion project. Plumbing and mechanical scope included review existing conditions for medical gas tie-ins to existing systems in South Tower, reviewing and evaluating water source requirements for proposed addition with CCMC Engineering Department, reviewing existing drawings and work to determining underground sanitary tie-in location, providing design and engineering for the medical gas distribution systems for the expansion, etc.

Mechanical/Plumbing Engineer of record for new \$7MM medical office facility in Parkersburg, West Virginia. Building was designed for multiple HVAC zones to reflect tenant separation requirements of the building owner. Tenant design was based on Pharmacy, prosthetic laboratory, medical offices and a restaurant. Common restrooms, private bathrooms, and exam room sinks comprised the plumbing system design requirements.

Mechanical Engineer of record for a \$1MM medical/dental office facility in Parkersburg, West Virginia. Design included packaged HVAC systems with multiple zones and facility exhaust systems. Plumbing design included dental vacuum and air systems as well as domestic water distribution systems for building tenants, including tenant restroom requirements to meet code requirements.

Plumbing Engineer of record for a new 5,400 SF medical office building located in Belpre, Ohio. Design included domestic water distribution system for exam room sinks and facility restrooms as well as sanitary and storm water drain, waste vent system design all in within the state plumbing code requirements.

Plumbing Engineer of record for the renovation of first floor patient rooms and dialysis center for a hospital facility in Parkersburg, WV. Project design included 18 private patient room bathrooms four with ante room lavatories and ADA accessibility, all equipped with a shower fixture. Design also included the relocation of the hospital's dialysis unit and plumbing systems, a 4 bed unit. Plumbing design for the 18 patient rooms included a new medical gas distribution system specification for the med-gas outlet headwalls.

Lead Plumbing Engineer for OB and pediatric department renovations. Project included new triage, waiting, private rooms with new enlarged toilet rooms including showers, and rework of existing tub rooms to relocate an existing pediatric tub and add a new shower.

Lead Plumbing Engineer for Fifth Floor Medical/Surgical Nursing Unit Renovations. Project included replacing/relocating fixtures for ADA compliance.

Lead Plumbing Engineer for Third Floor Medical/Surgical Nursing Unit Renovations. Project included replacing/relocating fixtures for ADA compliance in the twenty-seven patient rooms, staff rooms and various shower/tub rooms. Also replaced an existing shower room tub with a shower and designed a new shower room.

Lead Plumbing Engineer for a new Healthcare suite on the fourth floor of the main hospital. The project included 8 private patient toilet rooms, one semi-private room with ADA accessible toilet rooms, two new shower rooms, and one bath room with tub. Project also required the addition of medical gas and relocation of existing sprinkler heads.

Lead Mechanical and Plumbing Engineer for a new 37.5 bed Behavioral Health Unit which was designed to be located in existing space on the third floor of the Main Hospital. Spaces included eighteen semi-private and one private patient room, two group therapy rooms, dining area, laundry room, shower rooms, nurses station, physicians offices, consultation area, activity area, family visitation area, support area and staff locker room.



Spencer Kimble, P.E.

Position/Title

Civil Engineer

Duties

Civil Engineer

Education

West Virginia University
B.S., Civil Engineering

Licenses

Professional Engineer WV, OH

Engineering is a form of art and has filled the world with things of obvious visual beauty but also subtle forms.

Louis Brown

)Project Manager and Civil Engineer for over 40 horizontal drilling locations throughout WV and Ohio. Typical projects included a new access road, drill pad, production pad, above or in-ground water storage location, and sediment/erosion control measures. Work also includes coordinating with local highway departments and utility providers to obtain permission for proposed work.

Construction manager for multiple oil and gas projects throughout Ohio and West Virginia. Work includes checking for conformance of construction activities to the design drawings, holding weekly progress meetings, and handling change orders.

Civil Engineer for a new subdivision in Marietta, OH. Work included design of new City streets, storm water drainage, public utilities, lot separations, and sediment/erosion control measures. Work also included coordinating with City officials and utility providers about the upcoming project to obtain approvals.

Civil Engineer for a new retail business in Utica, OH. Project was located within the 100 yr. flood elevation and design had to incorporate compensatory storage in conjunction with elevating the floor slab to 2 feet above the base flood elevation. Work also included grading, storm water, utility design, and coordinating with authorities.

Civil Engineer for a new restaurant in Vienna, WV. Project was located within City limits and had to incorporate very strict storm water management practices. Design of an underground storm water retention system to capture the first 1" of rainfall. Design also included grading, site layout, utility design, and coordinating with authorities.

Lead Civil Engineer for the design of \$1.8M physical therapy administrative building on Parkersburg, West Virginia. The project was developed to consolidate all administrative services for a busy multiple office physical therapy practice. As a part of the project a large portion of square footage was dedicated to a Cross-Fit training center.

Lead Civil Engineer for the design of two medical office buildings totaling approximately 30,000 SF near the traffic circle in Parkersburg.

Civil Engineer for approximately 3,925 linear foot waterline replacement in Devola, OH. Project included close coordination with Putnam Community Water personnel to replace approximately 3,925 linear feet of existing infrastructure with 6" line, and design tie-in connections to existing water mains to remain in place. Design duties include an on-site meeting, proposed waterline alignment and profiles, on-drawing specifications, and construction-related details.



Eric Smith, P.E.

Position/Title

*Structural Engineering Department Manager
Civil/Structural Engineer*

Duties

Civil/Structural Engineer

Education

*West Virginia University
B.S.C.E., Civil Engineering*

Licenses

Professional Engineer WV, OH

*Perfection is not attainable, but
if we chase perfection we can
catch excellence.*

Vince Lombardi

Civil Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing. Duties included designing substructure (consisting of a concrete capped pile abutment with vertical and battered piles). Coordinated with the superstructure design engineer for bridge reactions and necessary abutment details to incorporate the superstructure bearing. Also, assisted with the construction drawing package.

Civil Engineer on several projects for the City of Marietta including the Gilman Avenue Slip, Rathbone Area Drainage Study and Storm sewer assessment, Lancaster Street improvements, Sixth Street Area Mitigation flood control, and Water Treatment Plant slip repair.

Generated detailed engineering drawings, quantities, and material estimates for bridge replacements for the following counties in Ohio: Meigs County (County Roads 1, 8, 10, 14, 22, 35, 43, 52, and 82), Morgan County (County Roads 16, 53, 62, and 66 and Township Roads 48 and 106), and Washington County (County Road 354, several Township Roads, and Veto Lake)

Reviewed drawing designed for The Point Commercial Park for Lawrence Economic Development Corporation. Responsible for foundation and column design. Modeled the structure using STAAD and performed wind load, connection, and foundation calculations.

Reviewed structural drawings for a new addition of the Holzer Clinic and evaluated adequacy of the structural members and connections.

Collected field data, created a roof model, calculated loads and generated drawings and recommendations for roof repairs at First Congregational Church.

Professional experience also includes providing accurate field notes and sketches, development of drawing layouts, details, and section drawings; providing calculations, and writing investigation and observation reports.

Extensive technical experience with civil, structural, and geospatial software packages including STAAD Pro, Presto, Enercalc, AutoCAD, AutoDesk Land Desktop, AutoDesk Civil 3D, and Topo USA.

Senior Project Manager and Structural Engineer of Record for Catwalk at Ohio University. Project included the reconstruction of a deteriorated portion of the elevated concrete walk in front of Crawford Hall. Involved inspection, design and construction administration.

Senior Project Manager and Structural Engineer of Record for Catwalk at Ohio University. Project included the reconstruction of a deteriorated portion of the elevated concrete walk in front of Brown Hall. Involved inspection, design and construction administration.



Ronald D. Arnold

Position/Title

*Senior Construction Administrator,
Estimator*

Duties

*Project Administration
Construction Estimating*

*Real success is finding your
lifework in the work that
you love.*

David McCullough

Project Manager for the design and construction of a new annex for Fire Department in Vienna WV. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Construction Administrator and Project Manager for a renovation project at the Marietta City Hall Building in Marietta, OH. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, interviews with all City departments, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Project Manager for the design and construction of a new annex for Vienna Police Department. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Construction Administrator and Project Manager for a new branch library in South Parkersburg. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, interviews with all key staff, reports to all stakeholders, construction progress photography, coordination with Bostwick Design Team and the Wood County Library, and contract administration.

Construction Administrator and Project Manager for the replacement of Washington County Public Library roof. Replaced clay tile roof and tin lining. Total project cost - \$260,000. Responsibilities included specification of new roof material, bid document coordination and contractor oversight.

Project Manager for the renovation of a two story 100 year old library in Marietta, Ohio. Responsibilities included building the project estimate, coordinating and managing the project scope, budget and schedule between field operations, architect and the owner. Challenging aspects on this project included adding a dormer and third floor into the attic space, adding a mezzanine above one third of the main floor level.

Project Manager for the 2nd floor renovations and an elevator addition to the City of Vienna Senior Center in Vienna, WV. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Project Manager for the historical renovation of a four story 100 year old building on a college campus in Marietta, OH. Responsibilities included building the project estimate, coordinating and managing the project scope, budget and schedule between field operations, architect and the owner. Challenging aspects on this project included value engineering to meet the client's budget, meeting the client's 7 month construction schedule, installing an elevator in the center of the building, replacing the original wood windows with new mill-built insulated glass windows utilizing the old sash weight and chain counterbalance system, reinforcing the original wood floor and roof framing, replacing all the paneled wood doors and multi member wood trim with new to match existing the profiles, all new interior finishes, complete new plumbing, HVAC, sprinkler and electrical systems.

Construction Administrator for the roof replacement at Camden Clark Medical Center. Scope included scheduling and leading pre-construction meetings with contractor and client, bi-weekly progress meetings during construction, provide weekly site visits, submittal review, RFI's, request for payments, change orders, and certificate of substantial completion. Arnold performed a thorough inspection of the jobsites and confirmed that the entire scope of the project was complete.



William B. Showalter, P.S.

Position/Title

*Professional Surveyor,
Surveying Department Manager*

Duties

Surveyor

Education

B.S., Civil Engineering

Licenses

*Professional Surveyor #8376
WV Society of Professional Surveyors, National
Society of Professional Surveyors*

*We all live under the same sky,
but we don't all have the same
horizon.*

Konrad Adenauer

Lead Surveyor on Vienna Johns Manville Acquisition. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on First Colony Center commercial development, Marietta, OH. Boundary, and topographic survey of pre construction (existing) facilities. Construction layout of development. 15+- Acres, Cost >\$80,000, Managed office and field work.

Lead Surveyor on Jackson and 9th Street Tank Replacement. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on City of Vienna Water Tanks Renovation Project, Vienna, WV. Boundary, and topographic survey of pre construction (existing) facilities. Preparation of construction easements. 12+- Acres, Cost >\$10,000, Managed office and field work.

Lead Surveyor for City of Marietta Green Street Widening Project. Survey of existing buried / aerial lines. Topographic survey of proposed widening area. 4000+ LF, Cost < \$7000, Performed Field work, prepared deliverables and managed office.

Lead Surveyor on 40th Street Storm Sewer Life Station in Vienna, WV. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on 60th Street Public Works Facility in Vienna, WV. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Muskingum River Force Main in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Green Street Waterline Replacement in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Sherry Drive Waterline Replacement in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Bike Path Alignments in Marietta, OH. Provided boundary and topographic surveying, utility mapping, and managed office and field work.

Lead Surveyor for Emergency Management Mapping in St. Marys, WV. Provided boundary surveying and topographic surveying, utility mapping, and managed office and field work.

Lead Surveyor on Muskingum Drive Realignment in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.



Keri L. Dunn

Position/Title

Specification Writer
AIA Contract Administrator

Duties

Specification Writer, Bid Administration
and Contract Administration

Education

Washington State Community College
A.S., Industrial Technology

*If you want to be creative in your
company, your career, your life, all it
takes is one easy step ... the extra one.*

Dale Dauten

Bidding Coordinator and Construction Contract Administrator. Bid duties include preparation of front end specifications required for procurement, addressing bidding questions, preparing addenda, receiving and tabulation of bids, and issuing letter of intent. Contract Administration duties include preparing and executing contract documents, change proposal requests, change orders, change directives, receiving bonds and insurance from contractors, processing pay applications and closeout documentation. Familiar with WV School Building Authority Requirements and various grant requirements including the American Recovery and Reinvestment Act. Projects have included:

Recent projects include:

- Roof Replacement at Parkersburg High School Field House.
- Roof Replacement at Camden Clark Medical Center.
- Roof Replacement for the Washington County Public Library.
- Facade Renovations at West Virginia University at Parkersburg's Downtown Center.
- New Elevator Installation at West Virginia University at Parkersburg's Downtown Center.
- Electrical Service and Distribution at West Virginia University at Parkersburg's Downtown Center.
- Roof Replacement at West Virginia University at Parkersburg's Downtown Center.
- Asbestos Abatement at West Virginia University at Parkersburg's Downtown Center.
- Chiller Replacement at West Virginia University at Parkersburg's main campus.
- Salt and Motorcycle Storage Building at West Virginia University at Parkersburg's main campus.
- HVAC Upgrade project at West Virginia University at Parkersburg's Caperton Center.
- Fire Alarm Upgrades at West Virginia University at Parkersburg's main campus.
- Elevator Control Modernization at West Virginia University at Parkersburg's main campus.
- New Spec Process Building in Davisville, WV - multiple prime contracts.
- New Industrial Plant in Millwood, WV - multiple prime contracts.
- Energy Saving Implementation for Wood County Commission - multiple prime contracts.
- Access Safety at all Wood County School locations.
- Structural Repairs at Wood County Board of Education.
- Brick Repairs at an elementary school for Wood Co. Schools
- Boiler Replacement at an Elementary School in Wood County, WV.
- Welding Shop Ventilation replacement at the Wood County Technical Center.
- Access Safety renovations at all Wirt County School locations.
- Access Safety renovations at several addition entrances for Wood County Schools.
- Access Safety and Main Entrance Renovations for Wood County Schools - four phases of implementation.
- Electrical Upgrades at two elementary schools for Wood County Schools.
- HVAC Renovations at the Wood County Courthouse for the Wood County Commission.
- Fifth Floor Renovations at Camden Clark Medical Center - Memorial Campus.
- Third Floor Renovations at Camden Clark Medical Center - Memorial Campus.
- Roof Replacement at the Polymer Alliance Zone in Davisville, WV.



Our Services

Comprehensive Design

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

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

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

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

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

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

During construction administration Pickering Associates can be an agent of the owner, overseeing construction to ensure conformity to construction drawings, specifications, and standards. Pickering will assist the owner in awarding the contract, lead and coordinate weekly construction meetings, produce meeting agendas and meeting minutes, answer RFI's from contractors, review submittals, process change orders and pay applications, perform regular site visits, complete a punch list at the end of the project, and keep the owner informed throughout the entire process. This closely monitored process helps to ensure that the final project represents the intended design as indicated in the construction documents.

Consensus Building

Consensus building is essentially mediation of a conflict which involves many parties and is usually carried out by a facilitator that moves through a series of steps.

In the beginning, our facilitator or project manager identifies all of the parties who should be involved, and recruits them into the process. We propose a process and an agenda for the meeting, but allow the participants to negotiate the details of the process and agenda - giving the participants a sense of control of the process. This process builds trust between the participants and the facilitator, between the participants themselves, and with the overall process.

Defining and often re-defining the conflict is usually the next step. The project manager will get the participants to define the issues in terms of interests, which are usually negotiable, rather than positions, values, or needs, which usually are not. The project manager will then get the participants to brainstorm alternative approaches to the problem. This is typically done as a group effort, in order to develop new, mutually advantageous approaches.

After the participants generate a list of alternate solutions, these alternatives are carefully examined to determine the costs and benefits of each (from each party's point of view), and any barriers to implementation are documented. Eventually, the choice is narrowed down to one approach which is modified, until all the parties at the table agree to the solution. The project manager then takes the agreement back to the owner for discussion and approval.

Cost Control

Through the development of the project scope, number of units to be designed and site evaluations, we take into consideration the budget available or targeted to assure funds are accounted for early in project development. Once a preliminary site and building footprint is defined, we take the time to develop an estimate of probable project costs and alert our clients of any differences between project budget and the anticipated project costs.

Quality of Work

While a project budget may limit the use of traditionally expensive materials, Pickering still sees the importance of using proven materials which will provide a quality project while being cost effective. Importance is always placed on areas where small amounts of upcharge can create the largest impact to the future tenants and provide an inviting environment. As professionals, we are also tasked with finding cost effective solutions which still provide the building owners with years of excellent service. While every individual project we have designed is unique, there are common design elements and materials which have proven over the years to be best suited for similar projects.

Performance Schedule

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 70 professionals on staff, you can be confident that Pickering Associates has the resources to meet your project schedule.

Sustainable Design

Pickering Associates is a LEED affiliated firm. We have architects and engineers that are current with LEED registration and the firm has completed multiple projects ranging from the certified level to platinum. We use software and best engineering practices to provide the end user the most energy efficient building systems. When you combine this with providing architectural design that works with these systems for insulation and avoidance of solar heating, you end up with an energy efficient building.

Multi-discipline Team

We also believe that because we are a full-service firm, (having the majority of the designers, architects, engineers, landscape designers, surveyors, project managers, and construction administration professionals on staff and under one roof), we are able to provide a better coordinated project than firms who are required to use many outside consultants. We organize regular in-house project team coordination meetings throughout the design phases of a project to discuss and work-out 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 proved 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. Typically, there are more change orders in firms that are not full service due to the difficulty and time required for drawing coordination.

Cost Estimation

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

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



Building Information Modeling

Pickering Associates approaches Building Information Modeling as a very useful tool that can accomplish goals that extend beyond the typical design and construction phases of the project. Defining the specific project expectations is critical for the owner and designers. We work with the owner and start with their anticipated use of the BIM model once construction is complete. From there, we work through the design schedule incorporating all aspects of BIM that will enhance the owners understanding of the project. We will assign model management responsibilities, quality assurance responsibilities, and level of development criteria – all linked to specific schedule milestones. We incorporate clash detection, collaboration tools, visualization capabilities, and analytical studies throughout to benefit the project development process. We utilize these aspects of BIM and elevate them with in-house 3D printing services to provide exceptional professional services. Many of our architectural and engineering leads, designers, and drafters are trained, proficient, and up to date on BIM software. We even have an in-house BIM coordinator that routinely provides training and updates to our staff to ensure that everyone has the proper training to perform the work we do.

Cutting Edge Technology

Pickering Associates approaches Building Information Modeling (BIM) as a tool for quick design concept generation that will continually add detail throughout the project and even beyond the construction phase. The ability to visualize a design early on via the 3D model allows high level decisions to be clearly identified and addressed during the beginning phases of the project – typically where potential impacts to project cost/schedule is greatest. Defining specific expectations is critical for key stakeholders and BIM allows our design teams to address those expectations much earlier in a project than a traditional 2D workflow.

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 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 virtual comments allows our team to capture and track design communications more efficiently than ever before.

3D Scanner

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to more quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format that blends well with our 3D modeling and BIM workflows. This tool allows us to send a small scanning team into an existing building/space and virtually document the conditions of the area in three dimensions, including detailed color photographs throughout the scanned area for design teams to reference throughout the project. This data capture implementation is safer and more efficient for our designers. It reduces the time and equipment needed for traditional hand-measuring that our industry has been accustomed to throughout the years. Granting our designers the ability to virtually measure items directly on a 360 degree image to an accuracy within 1/8” right from their desk, where they have the greatest access to design tools is unprecedented in our region!

Aerial Mapping

Pickering Associates has recently obtained certification through the FAA's Part 107 Remote Pilot process to operate Unmanned Aircraft Systems (UAS) commercially. As cutting edge technology continues to evolve, Pickering Associates is able to fulfill client needs further by providing high-quality aerial imagery and three-dimensional aerial mapping.

Currently, Pickering Associates is capable of employing the use of two UAS: the Yuneec Typhoon 4K and/or the DJI Mavic Pro to fulfill client needs of high quality imagery and 4K video. In addition to imagery and video, the DJI Mavic Pro allows for the capturing of 3D point cloud data to be incorporated into CAD design files. In addition, the data obtained by the DJI Mavic Pro has the capability of being integrated with the Faro 3D scanning system, and ultimately be intertwined with our firm's ability to 3D print models. The functions of these images and videos can range from Pre-Construction documentation of large scale projects to construction progress documentation to As-Built documentation. They can also be used as marketing and inspection tools.





Related Prior Experience

Type

Healthcare

Services

Architectural

Electrical

Civil

Mechanical



The Mountain River Physical Therapy project was developed to consolidate all administrative services for a busy multiple office practice in Parkersburg, West Virginia. As a part of the project a large portion of square footage was dedicated to a Cross-Fit training center.

Bill Islay, the owner, wanted to make a statement with the building and allowed the architect to design a building that is not typical to the area. The team settled on a large barrel roof area for the Cross-Fit area in the middle section with two flat roof areas flanking the barrel roof for the administration areas.

There were some obstacles to overcome in this project. The owner had financial issues when the project appraisal came in too low per the project budget and bid proposal. Also, the project had site issues with poor soil conditions and a "hidden dump". Lastly, the Mid-Ohio Valley was hampered with the worst winter this area has seen in a long time. Pickering Associates was able to provide a quick turnaround in the form of leadership, value engineering, and creative management to get the project done for the client.

Pickering Associates provided the architecture, electrical engineering, mechanical engineering and civil engineering for the project. The project bid in August of 2013 and was completed in March of 2014.

Our Work Fire, Crash and Rescue Station at Yeager Airport

Type

Government

Services

Architectural

Construction
Administration

Project
Management



Prior to merging with Pickering Associates in 2016, Associated Architects was hired by the Air National Guard to design a Fire, Crash and Rescue Station for Yeager Airport. The 20,000 SQ FT facility was completed in the summer of 2006, and includes 12 apparatus bays, which were designed to be able to serve both the flight deck as well as the building on and off campus, living areas, a full kitchen and dorms. This unit also houses the main communications for the Guard's responsive units, with high security requirements for both the protection of the building and also the flight deck. The design included unique elements such as the gravity fed foam fill stations, individual overhead waterfill stations for each bay, hazardous decontamination wash down rooms, air fill rooms and 15 second open garage doors.

The project team, led by Charles Keefer, AIA, worked with the Air National Guard, Yeager Airport and key stakeholders to make sure all programmatic needs were accommodated. The completed project cost was more than \$4.5 million.

Contact: Capt. Fredrick Thomas, P.E., Air National Guard | 304.341.6649



Type

Government

Services

Architecture
Project
Management
Construction
Administration



Pickering Associates was contracted by Mondo Building and Excavating on behalf of Washington Electric Cooperative to provide design-build services for a new 30,000 SF office and warehouse building. The Client had outgrown their existing facility and was utilizing more than one location to house their operations. This new building allowed the client to maintain all of their operations under one roof while factoring in future growth for the company. Pickering was the Architect of Record as a consultant to the contractor on this project, and provided architectural, civil, mechanical, electrical, mechanical and plumbing design for the project.

The design-build team for this project provided the owner with a new LEED certified building that met all of their needs. Our services also included LEED design, LEED management, and limited construction administration services.

Scope of work included: Grading for roadway relocation, site grading, sediment and erosion control, storm water management design, foundation design, interior and exterior retaining wall design, anchor bolt embedments, plumbing plans, storm water design, natural gas piping design, HVAC design assistance, building code review, architectural drawing assistance and review, and a fire protection plan with building code information.

Pickering attended project coordination meetings with the client and contractor, completed all required AIA documents for the project, submitted drawings for permitting, reviewed contractor shop drawings, reviewed pay applications, performed the final walk-through with the client, and managed the LEED design services for the project.

The project team was successful in obtaining LEED certification for the project.

Our Work Putnam County Emergency Services Center

Type

Government

Services

Architectural

Construction
Administration

Project
Management



Prior to merging with Pickering Associates in 2016, Associated Architects was hired by Putnam County to design a new 911 Command Center. The new 11,000 SQ FT facility provides a large scale EOC room, training rooms, office spaces and an EMC bunk/living facility. The adjacent building provides a service garage for emergency response vehicle repairs and storage.

The project team, led by Charles Keefer, AIA, worked with the County Administrator and project stakeholders to make this project a success for Putnam County. The completed project cost was approximately \$4.5 million.

Contact: Brian Donat, County Administrator | 304.586.0201



Type

Government

Services

Architecture

Project
Management

Construction
Administration



Prior to merging with Pickering Associates in 2016, Associated Architects was asked by the City of Charleston to design the new Orchard Manor Fire Station in Charleston, WV. This design-bid-build project was completed in August of 2004 and was designed with the firefighters in mind. The new facility provides its occupants a day room, a kitchen with dining facilities, a weight room, dorms, showering facilities, and conditioned apparatus bays.

A total of 7,712 SQ FT, the construction cost for this project was approximately \$1.3 million.

Contact: City of Charleston | 304.348.8137



Type

Government

Services

Architectural
Civil
Structural
Mechanical
Electrical
Construction
Administration



Pickering Associates was hired by the City of Vienna in West Virginia design a new two-story annex to expand a local volunteer fire department's existing fire station facility. The new building contains first-floor pull thru truck bay, conference room, equipment storage and restroom facilities and second-floor offices and storage spaces.

With the schematic design completed, a 3D color rendering was provided to the client for establishing funding. They were able to use our schematic plans and renderings for grant and loan applications.

This brick and block facility is an approximate 6,300 sq. ft. slab on grade with the second-floor construction of light gauge metal framing and shingled roof. The building features a vehicle exhaust system for servicing the fire trucks, new signage and louvers on the front facade and a complete sprinkler system.

The bid process included seven responsive bidders with four being within 10% of the construction estimate.

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

Contact: Robert Rush | 304.295.4511 | robrush@vienna-wv.com

Type

Government

Services

Architectural

Project Management

Construction Administration



Prior to merging with Pickering Associates in 2016, Associated Architects was asked by the Kanawha County Commission to design renovations to two existing buildings to accommodate the Kanawha County Sheriff's Department and the Kanawha County Prosecuting Attorney's Office in Charleston, WV. The renovated facilities included training rooms, court rooms, a large vehicle and storage maintenance garage including a wash bay, secure detainee holding and processing center, high security evidence storage and processing room, secured impound lot, secured entry points with built in bullet resistant barriers, emergency ops rooms and back up power, document storage and retention rooms, and office space.

The project team, led by Charles Keefer, AIA, worked with the Kanawha County Commission and key stakeholders to make sure all programmatic needs were accommodated. The completed project cost was more than \$10 million.

Contact: Sheriff Jonathan D. Rutherford | 304.357.0216

Our Work West Virginia University at Parkersburg Comprehensive Master Plan Document

Type

Education

Services

Architectural
Conceptual Planning
Project Management



West Virginia University at Parkersburg wished to update their comprehensive master plan document with Pickering Associates to reflect the current and anticipated information and planning for the University.

Pickering Associates reviewed the current Comprehensive Master Plan as provided by the owner, coordinated and attended meetings with individual staff members as necessary for collecting the appropriate information for updates and revisions, and made minor revisions to selected sections of the existing Master Plan document. Our team then reviewed the existing space utilization with designated staff and provide conceptual mapping (floor plans) of existing spaces on all campuses.

Pickering Associates reviewed the existing programs and program spaces with designated staff and provide concepts for future program expansion, assembled property holdings, descriptions, and uses (reviewed with staff and provided written description of existing property and uses), created standards for space utilization and efficiencies, deferred maintenance (reviewed with staff anticipated maintenance items/issues for current master plan timeframe, selected equipment and systems as indicated by WVUP, provided written description outlining remaining life of equipment/systems and anticipated replacement/repair costs). Our team established strategies for future acquisition and construction (reviewed with staff and provided written description for existing and future properties and uses), created a land use plan and sustainability opportunities list.

The project total was \$45,840 with a project team of Traci Stotts, AIA, Zac Campbell, PMP, Jeff Hosek, PE, and David Boggs, PE.

Contact: David White, Director of Facilities | 304.424.8225 | dwhite2@wvup.edu



Our Work Marietta College - Brown Hall Conceptual Planning

Type

Education

Services

Architecture
Conceptual Planning
Project Management



Marietta College contracted with Pickering Associates to provide programming and conceptual design services for an expansion to their existing Edwy R. Brown Department of Petroleum Engineering. Marietta College has one of the largest Petroleum Engineering Departments in the United States, and the only program at a small, liberal arts college. This department had been experiencing significant growth over the past few years, and were in dire need of an expansion that would accommodate the increased student enrollment in the program.

The client wished to develop facility requirements that incorporated both immediate and future growth needs for the petroleum program that also included geology and energy management. The scope of work included several meetings with project stakeholders to discuss current and future program requirements and a review of the existing facility to better understand areas that need added, improved, or modified. Pickering worked with the client to determine additional square footage needs for all program spaces and established options for adding on to the existing building. As part of the programming process, Pickering reviewed the department's current strategic plan, toured the existing facility, and prepared a spreadsheet outlining the additional square footage requirements for the departments; including offices, classrooms, laboratories, and miscellaneous support spaces.

A schematic floor plan layout of the anticipated program requirements was developed along with an estimate of probable construction costs for the anticipated project. At the completion of the project, Pickering presented the final program requirements, a schematic plan, and an estimate of probable construction costs to the stakeholder group. A 3D model of the new building addition was also provided to the client as a visual aid to use in their fundraising efforts and to gain support for the project. Owner is currently fundraising for future construction.

Contact: David Freeman, Department Chair | 740.376.4775 | freedmand@marietta.edu

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References

KANAWHA COUNTY SHERIFF'S OFFICE

LAW ENFORCEMENT DIVISION

JOHN RUTHERFORD
SHERIFF



MICHAEL Y. RUTHERFORD
CHIEF DEPUTY

April 27, 2016

To Whom It May Concern:

This letter is provided for the purpose of recommending Charles Keefer and to express my support of his capabilities and professionalism.

The Kanawha County Commission enlisted Mr. Keefer's service to work on the W. Kent Carper Justice and Public Safety Complex. Mr. Keefer did a fantastic job of listening and understanding all of the unique aspects related to our property. His recommendations were thoughtful and directly reflected the needs of the Kanawha County Sheriff's Office. Mr. Keefer worked in a timely manner with the utmost professionalism and proved to have the innate ability to overcome obstacles and drive to successful outcomes.

Based on Mr. Keefer's efforts and the successful outcome of the W. Kent Carper Justice and Public Safety Complex, I highly recommend him to anyone who desires professional architectural services.

Sincerely,

Michael Y. Rutherford
Chief Deputy

MYR/dlh

OFFICE: (304) 357-0216
FAX: (304) 357-0239

301 VIRGINIA STREET, EAST • CHARLESTON, WV 25301

OFFICE: (304) 357-0150
FAX: (304) 357-4668



ENGINEERING DEPARTMENT
304 Putnam Street - Marietta, Ohio 45780
Phone (740) 373-5495 - Fax (740) 376-2008
www.mariettaoh.net

April 20th, 2016

To whom it may concern,


Pickering Associates has worked with the City of Marietta on our City Hall Building Renovations, Armory Elevator Renovations, Waste Water Treatment Plant, as well as multiple other projects over the past several years, providing Architectural, Engineering and Surveying services for the city.

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates has been beside the City of Marietta to provide any necessary support needed to make the project successful. Traci Stotts, Ron Arnold, and other Architects, Designers and Engineers, worked closely with our staff to run projects as efficiently as possible.

Their team has provided us with quality bidding/construction drawings and specifications, allowing us to receive accurate bids, which in turn, allows us to move ahead expeditiously from bidding to contracting. They have shown a clear understanding of the bidding and contract administration process, which truly helps make our job easier.

It has been a pleasure working with the staff at Pickering Associates, and I would not hesitate to recommend them for similar projects.

Sincerely,


Joseph R. Tucker, PE
City of Marietta



Come grow with us!

May 19, 2016


To Whom It May Concern:

Pickering Associates worked with Polymer Alliance Zone, Inc. on our 80,000 square foot pre-engineered warehouse building at Polymer Technology Park in Davisville, WV. The project was funded through WV Economic Development Administration (WVEDA) and the Infrastructure Joint Development Council (IJDC).

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates was beside PAZ to provide any necessary support needed to make this project successful. Their professional team of Architects, Designers and Engineers, worked closely with our staff to make sure the design accommodated all of our needs.

It has been a pleasure working with the staff at Pickering Associates, and I would not hesitate to recommend them for projects of any type and magnitude. I continue to look forward to our future working relationship with their team.

Sincerely,


Karen Facemyer
President/CEO
Polymer Alliance Zone, Inc.



800 Garfield Avenue
P.O. Box 718
Parkersburg, WV 26102
(304) 424-2111

December 17, 2015

To Whom It May Concern:

Pickering Associates has been involved in several projects at Camden Clark Medical Center. The Architectural, Engineering, and Construction Administration Services they provide have added value to our construction dollars.

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates have been essential to Camden Clark Medical Center. Their expert staff not only provide a needed service, but provide any necessary support to make our projects successful.

We recently hired Pickering Associates to design and manage the construction for roof replacement projects at various locations on the Memorial Campus. Ron Arnold and his team provided us with quality bidding/construction drawings and specifications allowing us to receive accurate bids. They have also shown a clear understanding of the bidding and contract administration process, which truly makes our job easier.

It has been a pleasure to work with the staff at Pickering Associates, and I would not hesitate to recommend them for projects of any type and magnitude. I continue to look forward to our future working relationship with their team.

Sincerely,

Barry K. Justice

A handwritten signature in blue ink, appearing to read "Barry K. Justice", is written over a horizontal line.

Director of Engineering
Camden Clark Medical Center

The logo for WVU Medicine, featuring a yellow and red stylized 'W' followed by the text "WVU Medicine" in a sans-serif font.

CAMDEN CLARK MEDICAL CENTER



Mayor
Randall C. Rapp

Recorder
Cathy Smith

City Council
Roger Bibbee
Jim Miracle
Bruce Rogers
Steve Stephens
Tom Azinger

April 18th, 2016

To whom it may concern,

Pickering Associates has worked with the City of Vienna on our Police Department Annex, Volunteer Fire Department, and Senior Center, as well as multiple other projects over the past several years, providing Architectural, Engineering and Surveying services for the city.

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates has been beside the City of Vienna to provide any necessary support needed to make the project successful. Traci Stotts, Ron Arnold, and other Architects, Designers and Engineers, worked closely with our staff to make sure the design accommodated all of our needs.

Pickering Associates has consistently completed projects for us satisfactorily. Their team clearly exhibits a thorough understanding of the bidding and construction administration process, which makes for smooth-running projects.

We have enjoyed working with the staff at Pickering Associates and appreciate their work for the City of Vienna.

Sincerely,

A handwritten signature in black ink, appearing to read "Randall C. Rapp", written over a horizontal line.



David White, Director of Facilities at WVU Parkersburg
304.424.8225
dwhite2@wvup.edu

Eric Lambert, City of Marietta
740.373.5495
ericlambert@mariettaoh.net

Sheriff Jonathan D. Rutherford, Kanawha Sheriff's Office
304.357.0216
jonathanrutherford@kcsso.us

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.

SARAH ARNOLD - DIRECTOR OF MARKETING
(Name, Title)

SARAH ARNOLD - DIRECTOR OF MARKETING
(Printed Name and Title)

11293 EMERSON AVE. PARKERSBURG, WV
(Address)

304.464.5305 / 304.464.4427
(Phone Number) / (Fax Number)

sarnold@pickeringusa.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Pickering Associates

(Company)

Traci L. Stotts

(Authorized Signature) (Representative Name, Title)

Traci Stotts, VP of Marketing

(Printed Name and Title of Authorized Representative)

8/31/2017

(Date)

304-464-5305 / 304-464-4428

(Phone Number) (fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ1800000002

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 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.

FICKERING ASSOCIATES
Company

[Signature]
Authorized Signature

8/31/17
Date

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: PICKERING ASSOCIATES

Authorized Signature: Sarah Ar Date: 8/31/2017

State of WEST VIRGINIA

County of WOOD, to-wit:

Taken, subscribed, and sworn to before me this 31st day of AUGUST, 2017

My Commission expires 03/09/22, 20

AFFIX SEAL HERE

NOTARY PUBLIC Keri L. Dunn

Purchasing Affidavit (Revised 07/01/2012)

