

Montum



RECEIVED

2019 APR 30 AM 10:16

WV PURCHASING
DIVISION

**Expression of Interest
New District VI Office Complex
CEOI 0310 DNR1900000010**

April 30, 2019



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

Montum Architecture, LLC

37 ER Path, Keyser, WV 26726 ● 304-276-7151 ● tom@montumarch.com
montumarch.com



Table of Contents

Letter of Interest

TAB 1:	Firm Profiles Montum Architecture LLC Miller Engineering, Inc. RK&K LLP Project Organization Chart
TAB 2:	Qualifications Tom Pritts, AIA (Montum Architecture) Craig Miller, PE (Miller Engineering) Travis Taylor, PE (Miller Engineering) Jack Jamison (Miller Engineering) Joseph Machnik (Miller Engineering) John Cole, PE (RK&K) Jeffrey Stanislawczyk, PE (RK&K) Anthony Fish, Jr., PE (RK&K) Matthew Youngblood, PE (RK&K) Andrew Suter (RK&K) Noah Accord, PE (EarthRes)
TAB 3:	Experience Montum Architecture Miller Engineering Projects RK&K Projects
TAB 4:	RFP Forms WV-PRC-CEOI-001 Form Terms and Conditions Signature Page Addendum Acknowledgement Form



April 30, 2019

Brittany Ingraham
State of West Virginia
Department of Administration, Purchasing Division
2019 Washington St. E.
Charleston, WV 25305

**Subject: A/E Services for New District VI Office Complex, CEOI 0310
DNR190000010**

Dear Ms. Ingraham,

Montum Architecture, LLC is pleased to submit this Statement of Qualifications to provide architectural and engineering services. Montum is headed by Tom Pritts, an architect with 15 years experience designing a multitude of project types. He will be the primary contact for the duration and provide all architectural design and construction administration services.

Noah Accord of EarthRes will be the structural engineer for the project. Tom and Noah have a common employment history, completing dozens of designs together. RK&K will provide land survey and civil engineering services to the project, although they have a wide range of abilities if required by the project. Montum has teamed with Miller Engineering, Inc. to provide mechanical, electrical, and plumbing design services. Tom and Craig Miller have worked on numerous projects together and share a common mantra: provide exemplary designs that function to the greatest extent possible for the budget constraints given. We feel that by striving to spend every project dollar to our best ability will inherently serve our client's best interest.

Thank you for taking the time to review the attached information about the design team and we are grateful for your consideration.

Respectfully submitted,
Montum Architecture LLC



Thomas Pritts, AIA, CSI-CCS, LEED-AP

Montum Architecture, LLC

37 ER Path, Keyser, WV 26726 ● 304-276-7151 ● tom@montumarch.com
montumarch.com



Montum Architecture

Montum Architecture, LLC was founded in 2017 to provide architectural design services to clients in West Virginia and western Maryland. Staff includes one licensed architect performing all tasks and duties. This ensures the utmost coordination of building plans and specifications with minimal potential for miscommunication.

Legal Organization

Montum Architecture is a Limited Liability Corporation initially filed in the State of West Virginia. The company is also registered in the State of Maryland as a foreign LCC.

Communication

Tom Pritts will be the primary point of contact for Montum's architectural services. Montum will manage communications with sub-consultants on this project.

Project Budget

Previous work experience has shown a consistent +/-2% bid-to-budget ratio.

Project Schedule

Montum will monitor and adjust the design tasks in order to complete the design work on the established timetables. They will also work diligently during project construction to maintain the contractual constraints placed as part of the contractor's bid.

Design Software

Montum utilizes Autodesk Revit for all design projects incorporating three-dimensional modeling and parametric reporting.

Miller Engineering, Inc. Firm Profile

Our engineered solutions involve a detailed assessment process: investigation, observation, communication with stakeholders, system analysis, building modeling and engagement from our entire team. We approach each and every project with this process and the guiding principle that buildings are designed to be livable and function in their intended purpose.

Over the past 13 years Miller Engineering, Inc. (MEI) has engineered solutions for over \$20.1M in mechanical system upgrades, repairs and renovations for projects of all scopes and sizes, with clients ranging from private owners to local and state governments.

With a strict attention to detail and commitment to delivering a job done well and done right the first time, every time, MEI has accumulated a change order percentage of less than 0.1% over the past 8 years.

Our team has unique skill-sets regarding engineered renovation solutions. Each member of the team has hands-on mechanical system experience including installation, construction, design and maintenance.

*Miller Engineering takes pride in being **different by design** and that difference shines through in all phases of our work and continued relationships with our clients.*

Additional Benefits

- Experienced and Licensed Professional Engineers
- Quality, Value-Engineered Project Delivery
- Qualified Construction Representative on Staff
- LEED-AP Certified
- Below Industry Change Order Status
- Building Information Modeling
- Interactive Solutions Provider
- Emergency Facility Response

Engineering Design and Consultation

- Mechanical
- Electrical
- Plumbing
- HVAC Design
- Renovation
- New Construction

Aquatic Facility Design

Public Pools & Areas
ADA Compliance
Indoor & Outdoor (air flow)
Chlorination/Filtration

Construction Administration

Maintenance/Facility Improvement Plans
Contract Administration
Code Observation

Communication System

Intercomm & Public Address
Voice/Data/CATV
Urgent Response

Energy

Power Supply (main & backup)
Green & Renewable Consulting
Systems Utilization & Upgrades
Sustainable Solutions

Facility Utilization

Systems Assessment & Solutions
Adaptive Re-use
Planning/Life-Cycle Control
Engineered Replacement

Life Safety Inspection/Design

Fire Protection & Alarm Systems
Access Control
Fire & Electrical Investigation

Industry Experience

Education
Local & State Government
Commercial Development
Healthcare
Public Pools (indoor & outdoor)
Department of Parks & Recreation

FIRM HISTORY

Founded in 1923, RK&K is a multi-discipline consulting firm providing a wide range of planning and design engineering, such as; site design and site plan reviews; streetscapes, and sidewalk/trails; structures, as well as construction management services for new infrastructure and rehabilitation projects, including water/sewer design; natural gas utility design; energy and corrosion; stormwater infrastructure; design of roadways; transit; environmental services; and construction management and inspection services. RK&K serves an array of municipal, state, and federal clients from multiple branch offices including two West Virginia offices – Keyser and Charleston. The firm employs a well-diversified staff of engineers, designers, construction managers, inspectors, planners, environmental specialists, surveyors, draftsmen/CAD technicians, GIS specialists, and support staff.



SITE PLAN DEVELOPMENT AND REQUIREMENTS

RK&K recognizes every site has unique characteristics and infrastructure needs. Our clients rely on RK&K's creative solutions to expedite their land and site development projects. We provide our clients with the full range of planning, engineering, and environmental services needed to take a site from survey and right-of-way acquisition to construction oversight. We have a complete staff of engineers, landscape architects, surveyors and technicians who specialize in site and land development services.



Our project team will develop plans and designs in accordance with applicable local, state and federal regulations, laws, ordinances and requirements. These plans may include documents and drawings detailing the preliminary design, a traffic signal warrant analysis, environmental requirements and permit information, drainage calculations, noise study, construction and bid documents. Permit information will be clear and concise, and will be in pursuit of final approval if federal funding is required.

Sustainable Design: Our team understands the effect our designs have on the ecosystem. RK&K has a corporate commitment to embrace LEED-certified project development as well as other sustainable design and construction programs. We provide engineering services that are practical, environmentally-friendly and sustainable. Our experienced and qualified LEED AP professionals work together with our clients to develop optimal and innovative design concepts that not only meet their needs, but protect our natural environment by incorporating Leadership in Energy and Environmental Design (LEED®) components.

Urban Planning and Design: At RK&K, our goal is to utilize the collective expertise from our team of planners, engineers, landscape architects and designers to create unique places of lasting value for the communities we serve. Our professional staff provides a collaborations of disciplines and is committed to developing creative solutions that ensure compatibility between the existing, new, built, and natural environments. By understanding these aspects and incorporating our knowledge of planning, design, development, and infrastructure, we create environments that enhance a community's regional traditions yet remain sustainable and flexible for many different market segments and uses. Whether it's an urban site with traffic and access limitations or miles of integrated gas pipelines, RK&K creates plans that maximize efficiencies, accommodate future demands, and bolster a sense of community.

RK&K'S IN-HOUSE SERVICES

Water Distribution & Wastewater Collection

- Pump Station Design
- Electrical & Control Systems
- Startup & Commissioning
- Corrosion Protection System Evaluation & Design
- Utility Infrastructure Planning
- Water & Sewer Pipeline Design
- Pipeline Rehabilitation
- Trenchless Technologies

Water Supply & Storage

- Water Storage Tanks
- Raw Intake Design
- Groundwater Well Development

Private Utilities

- Power, Gas & Communications
- Corrosion Protection System Evaluation & Design

Water & Wastewater Treatment

- Electrical & Control Systems
- Water Treatment
- Wastewater Treatment
- Sludge/Residuals Management
- Operation and Maintenance Support
- Startup & Commissioning

Stormwater Resources

- Stormwater Management/BMPs
- Stormwater Drainage Systems
- Stormwater Quality

Civil/Site Development

- Master Plans
- Site Grading
- Utility Connection/Location
- Access Roadway Design
- Parking Lot Layout
- Stormwater Management
- Feasibility Studies

Transportation Engineering

- Interstate/Interchanges
- Streetscapes
- Multi-Modal Studies
- HOV Studies
- Pedestrian/Bicycle Facilities
- Toll Facilities/Express Toll Lanes
- ADA Design

Transportation Planning

- Corridor Study Alternatives
- Multi-Modal Studies
- HOV/HOT/TOLL Studies
- Geometric & Traffic
- NEPA Documents
- Public Involvement

Traffic Engineering

- Capacity/Operations Analysis
- Simulation Modeling
- ITS Design
- Traffic Signal System
- Travel Demand Forecasting

Structures

- Bridge Structure Design
- Bridge Rehabilitation
- Bridge System Preservation

Construction Management

- Program Management
- Construction Inspection
- Contract Administration
- Materials Testing
- Contract Closeout

Construction Engineering

- CPM Scheduling
- Claims Analysis
- Issue Resolution
- Cost Estimates
- Computerized Project Controls

Hazardous Waste

- Environmental Site Assessments
- Remediation Planning & Design
- Underground Storage Tanks
- Spill Plans
- Regulatory Compliance Audits

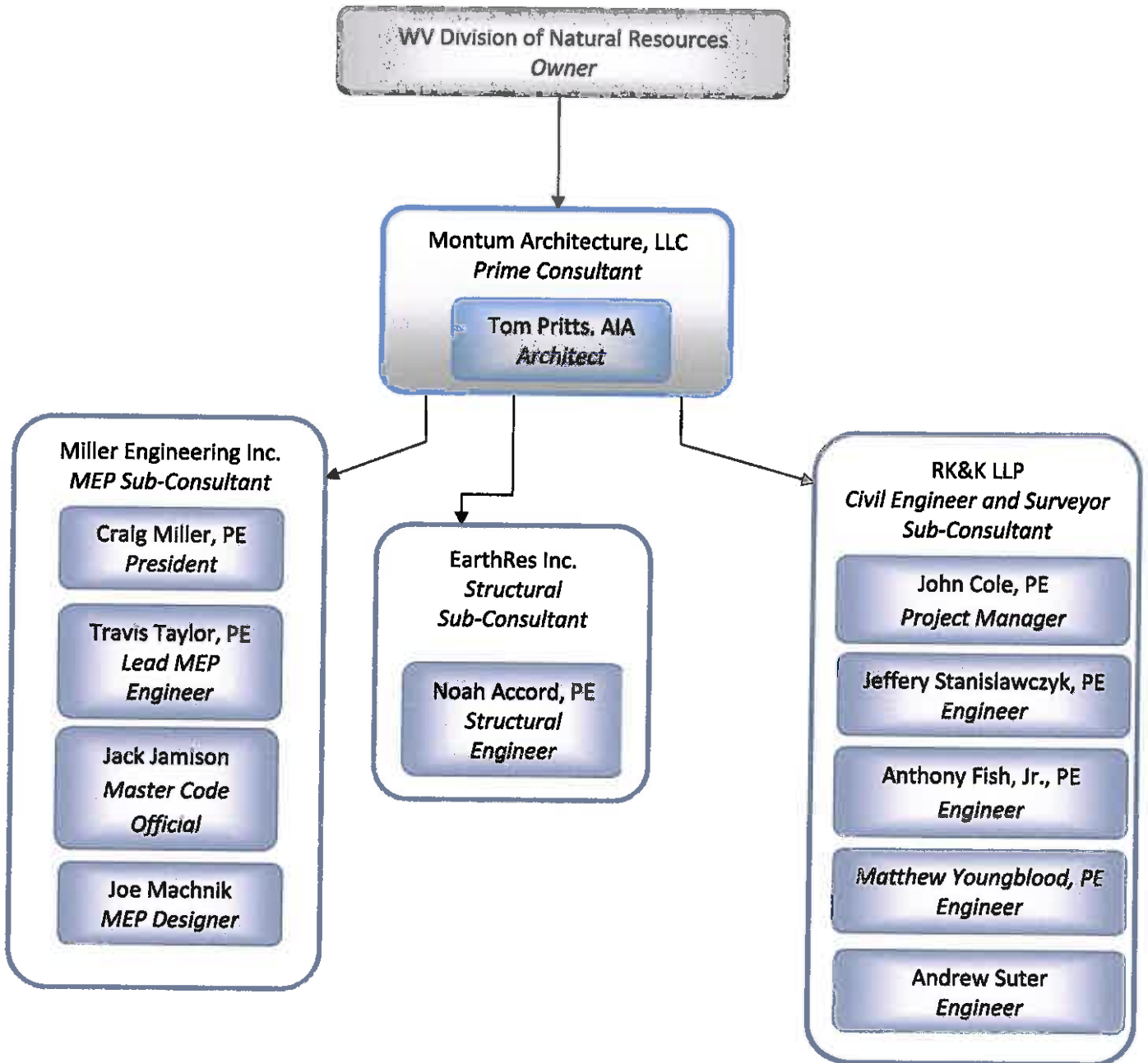
Environmental

- Stream Restorations
- Natural Environmental Analysis
- Wetland Mitigation
- Environmental Permitting

Geotechnical Engineering

- Geological Reconnaissance
- Soil Surveys & Foundation Investigations
- Geotechnical Reports
- Instrumentation
- Ground Modifications

Project Organization Chart





Thomas Pritts, AIA, LEED-AP, CSI-CCS

Tom founded Montum Architecture in 2017. He has more than 15 years experience in design, specification, and project management. During his former employment, Tom has designed and managed dozens of built projects. His experience encompasses a wide range of projects including K-12 and higher education facilities, financial Institutions, emergency services buildings, and automotive dealerships. A native of Mineral County, Tom is member of the West Virginia Chapter of American Institute of Architects and was involved in the establishment of the US Green Building Council's West Virginia chapter. He is highly skilled in the design of complex building systems, technical construction detailing and specifying, and construction contract administration. These skills were critical in the development and maintaining of many multi-year, multi-project relationships with Clients in his previous employment.

Project Role: Relationship Manager – Primary Point of Contact

- Principal in Charge
- Design and Project Management
- Concept and Construction Design
- Quality Assurance and Control

Professional History

2017- Present	Montum Architecture	Architect
2004-2017	Alpha Associates	Associate and Architect
2003	Marshall Craft Associates	Architectural Intern

Education

2004	Virginia Tech	Bachelors of Architecture
------	---------------	---------------------------

Licenses and Certifications

- Licensed Architect (West Virginia, Maryland)
- NCARB Certificate
- Construction Specifier Institute – Certified Construction Specifier
- LEED-AP Certified
- Part 107 Remote Pilot
- 30-hour OSHA Card

Associations and Memberships

- American Institute of Architects
- Mineral County Chamber of Commerce – 1st Vice President

Professional Project Highlights

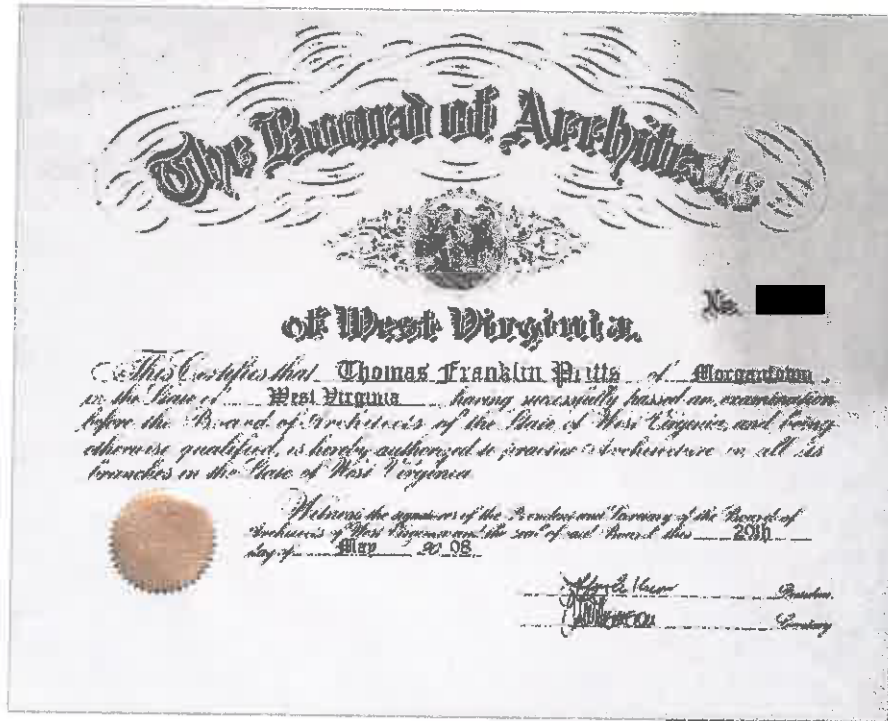
- Potomac State College – Bachelor of Nursing Renovation
- Wyoming East High School HVAC Renovation – Wyoming County Schools, WV
- Mountainview and MTEC HVAC Renovation – Monongalia County Schools, WV
- Berkeley Springs State Park – Pool Bathhouse Roof Replacement
- Berkeley Springs State Park – Old Roman Bath Renovation
- Blackwater Falls State Park – Boiler Room Renovation
- Our Lady of the Mountains Parish – Bathroom Renovation
- Mountain View Assembly of God – Rec Hall Ceiling Design

Montum



Professional Project Highlights (former employment built projects)

- Potomac State College – ADA Connector Building, Church-McKee Plaza, Shipper Library Façade
- WVU Engineering Sciences Building – East Wing Addition, 10th Floor Fit-Out, Basement Renovation
- WVU Engineering Research Building – G07 & G08 Renovation
- WVU Equine Education Center
- WVU College of Physical Activities and Sports Sciences/ Student Health Center
- WVU Center for Alternative Fuel Engines and Emissions
- WVU Colson Hall Water Infiltration Repairs
- WVU Mountainlair Water Infiltration Repairs
- WVU Chemistry Research Laboratories Fit-Out
- WVU Creative Arts Center Wheelchair Lift
- Alderson Broaddus University – Pyles Arena Deck Replacement
- Glenville State College – Morris Stadium Skybox
- Washington High School, Jefferson County Schools, WV
- Pineville Elementary School, Wyoming County Schools, WV
- Huff Consolidated School, Wyoming County Schools, WV
- Aurora School Addition, Preston County Schools, WV
- Riverview High Field House Design-Build, McDowell County Schools, WV
- Safe School Entries, Monongalia County Schools, WV
- Morgantown High Elevator, Monongalia County Schools, WV
- 2010 Comprehensive Education Facilities Plan- Monongalia County Schools, Wyoming County Schools
- Clear Mountain Bank Branches, Oakland, MD - Reedsville, WV - Kroger-Sabraton, WV
- Grant County Bank, Petersburg, WV
- Fairmont Federal Credit Union, Bridgeport, WV
- Freedom Ford, Kia, and Volkswagen Automotive Dealerships, Morgantown and Clarksburg, WV
- Jenkins Subaru Addition, Bridgeport, WV
- Elkins Fordland Renovation - Elkins Chrysler Dealership, Elkins, WV
- Harry Green Nissan Design-Build, Clarksburg, WV
- Cool Green Automotive Addition and Renovation, Shepherdstown, WV
- Veteran's Affairs – OI&T Office Fit-Out, Shepherdstown, WV
- OPM, Eastern Management Development Center Addition, Shepherdstown, WV
- National Energy Technology Laboratory – Building B-8 Roof Replacement, Morgantown, WV
- US Coast Guard – Conference Room Renovation, Martinsburg, WV
- Eastern Panhandle Transit Authority Addition, Martinsburg, WV
- Cacapon State Park – Old Inn HVAC and Interior Renovation
- WV National Guard - Armory Office Fit-out, Parkersburg, WV
- South Berkeley Fire Station, Inwood, WV
- Jefferson County Emergency Services Agency – New Headquarters
- Berkeley County Ambulance Authority – South Station Renovation and Addition
- Poolhouse Renovation, McMechen, WV
- Community Center, Ridgeley, WV
- Wastewater Treatment Plant Renovations, Martinsburg, WV
- Public Works Building, Fairmont, WV
- Oatesdale Park Little League Fields, Martinsburg, WV
- St. Luke Canopy Replacement, Morgantown, WV
- Freshwater Institute – Aquaculture Building, Shepherdstown, WV
- Clarion Hotel Renovation, Shepherdstown, WV
- Shenandoah Village Apartments – Façade and Deck Replacement, Martinsburg, WV
- Regional Eye Associates/ Surgical Eye Center, Morgantown, WV
- Bavarian Inn – Infinity Pool/ Pool Bar, Shepherdstown, WV



The West Virginia Board of Architects

certifies that

THOMAS F. PRITTS

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2019.



[Signature]
Board Administrator



B. Craig Miller, PE

Craig founded Miller Engineering in 2003, and serves as President and Principal Engineer. He has more than 20 years experience in design, specification, operations and project management. During his employment with WVU, Craig was directly involved with approximately \$130 million in new capital construction. His experience with a wide range of projects including HVAC, electrical, plumbing, infrastructure upgrades, building automation, energy efficiency and maintenance/renovation, among others, allows him to serve in multiple capacities within a given project. Craig will serve as the main communication interface between the Owner, the design team, contractors and end users.

Project Role: Relationship Manager – Primary Point of Contact

- Engineer in Responsible Charge
- Design and Project Management of Mechanical, Electrical, Plumbing Projects
- Concept and Construction Design
- Business Operations and Financial Management Oversight
- Quality Assurance and Control

Professional Project Highlights

- Bobtown Elementary HVAC
- WVU Life Sciences Building and Student Recreation Center – Owner’s Engineer
- Hawks Nest/Twin Falls HVAC
- Mapletown High School HVAC Replacement Phase I & II
- Advanced Surgical Hospital
- WV State Building 25 HVAC Piping Replacement
- WV State Building 36 HVAC Upgrades
- Cheat Lake Elementary & Middle School Renovations

Professional History

2003- Present	Miller Engineering, Inc.	President, Relationship Manager
2002-2003	Casto Technical Services	Existing Building Services Staff Engineer
2001-2002	Uniontown Hospital	Supervisor of Engineering
1995-2001	West Virginia University	Staff Engineer
1990-1995	BOPARC	Caretaker – Krepps Park
1983-1988	University of Charleston	Electrician/HVAC Mechanic

Education

1995	West Virginia University	BS- Mechanical Engineering
1988	University of Charleston	BA- Mass Communications

Licenses and Certifications

- Professional Engineer (West Virginia, Pennsylvania, Maryland, and Ohio)
- Licensed Master Plumber
- LEED-AP Certified



Travis Taylor, PE

Experience in project management facilitates Travis's ability to create and design constructible projects. Prior to joining the Miller Engineering team he was directly responsible for managing \$10 million in electrical construction budgets. His experiences encompass both new construction and renovation. Travis maintains professional competencies by attending seminars and continuing education classes. As lead engineer he provides HVAC, mechanical, plumbing and electrical design solutions and services for our clients. In addition, he is part of our team's complete assessment process in both

planning and MEP design through construction administration.

Project Role: Lead MEP Engineer

- *Design of Mechanical, Electrical, and Plumbing Systems*
- *Building Information Modeling - Revit*
- *Constructible Materials Evaluation*
- *Site Evaluation and Mechanical System Review*
- *Submittal and RFP Review*
- *RFI Coordination, Review, and Response*
- *Construction Observation*

Professional Project Highlights

- Suncrest Middle Gym HVAC
- MTEC Welding Shop
- North Elementary Gym HVAC
- WV State Building 36 HVAC Upgrades
- WV State Building 25 HVAC Piping Replacement
- Bobtown Elementary School HVAC Upgrades
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Pipestem Lodge McKeever Lodge HVAC Piping Replacement

Professional History

2011-Present	Miller Engineering, Inc.	Staff Engineer
2006-2011	Tri-County Electric, Co.	Project Manager
2006-2006	Schlumberger	Field Engineer Trainee - MWD

Education

2006 West Virginia University, BS – Mechanical Engineering

Licenses and Certifications

- Professional Engineer - State of West Virginia
- OSHA 10-hour Course: Construction Safety & Health

Staff – Qualifications and Experience



Jack Jamison

Jack brings 15 years as an electrical/building inspector and over 25 years of experience in the commercial electrical construction industry. His knowledge and experience are valuable resources to Miller's complete assessment process.

Project Role: Master Code Official

- *Facility Review, Code Research, Field Observations, Issue Resolutions, and Project Evaluation*

Professional History

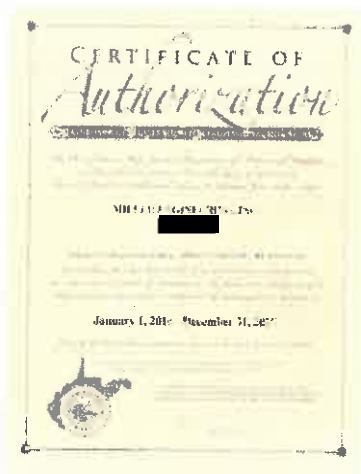
2010- Present	Miller Engineering, Inc.	Code and Construction Specialist
1999-2010	Megco Inspections	Chief Inspector
1972-1998	Jamison Electrical Construction	Master Electrician

Education

1971 Fairmont State College, BS-Engineering Technology-Electronics

Licenses and Certifications

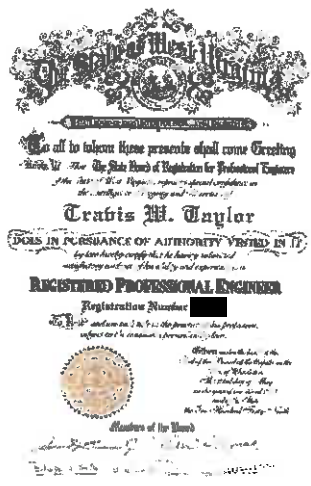
- Master Code Professional, IAEI Master Electrical Inspector, Class C Electrical Inspector – WV, PA, MD, & OH
- ICC Commercial Building, Building Plans, Commercial Plumbing, Residential Energy, and Accessibility Inspector/Examiner
- WV Master Electricians License
- NCPCCI-2B, 2C, 4B, 4C: Electrical & Mechanical General/Plan Review
- OSHA 30 Hour Course: General Industry
- NFPA Code Making Panel 14 – NEC 2014 Edition



West Virginia State Board of Registration for Professional Engineers

BRIAN C. MILLER
WV PE [REDACTED]

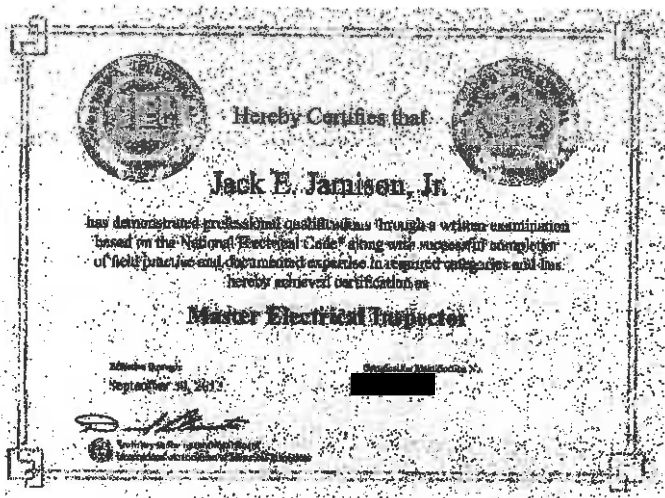
This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.



West Virginia State Board of Registration for Professional Engineers

TRAVIS W. TAYLOR
WV PE [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.





Robert Angus

20 Years of maintenance, operations, and construction management precede Rob's engagement with Miller Engineering. Professional expertise of construction project management was gained as an owner of his own contracting company specializing in residential and commercial construction, electrical, plumbing, and HVAC projects. Rob's hands-on approach, common sense and valuable work history knowledge enables him to interface with construction personnel seamlessly alongside engineers and architects. He is adept at preventing and handling issues. Rob is involved at the estimation phase

to allow for continuity within the project's design and construction.

Project Role: Construction Representative

- *Construction Project Representation and Management*
- *Construction Administration*
- *Project Cost Estimation*
- *Submittal Review*
- *RFI, RFPCO Review and Response*

Professional Project Highlights

- MTEC Welding Shop
- Cheat Lake Elementary HVAC Upgrade
- Suncrest Middle School Gym HVAC Upgrade
- North Elementary School Boiler/AC
- Mapletown Jr./Sr. High School HVAC/Boiler Upgrade
- 3RD Party Construction Observation – Canaan Valley Resort
- Hawks Nest/Twin Falls HVAC
- WVU Research Building Office Renovation

Professional History

2009- Present	Miller Engineering, Inc.	Project Construction Representative
2000-2009	Angus Contracting, LLC	Owner/Operator
1991-2000	BOPARC	Director of Maintenance

Education

2000	Monongalia County Technical Education Center	Heating, Cooling, and Refrigeration Certification
1996	West Virginia University	Recreation and Parks Administration

Licenses and Certifications

- Licensed West Virginia General Contractor
- Licensed West Virginia HVAC Contractor
- Certified HVAC Mechanical Contractor
- Licensed West Virginia Journeyman Electrician
- Licensed West Virginia Master Plumber
- OSHA 10-Hour Construction Safety & Health



Joseph Machnik

Joe has experience with AutoCAD, MEP and Revit MEP. He provides design modeling, drafting and supervised design services and construction support for Miller Engineering.

Project Role: MEP Designer

- *Revit/CADD Coordination of New Construction and Renovation Designs*
- *Building Information Modeling*

Professional Project Highlights

- **Bobtown Elementary HVAC**
- **WV State Building 25 HVAC Piping Replacement**
- **Suncrest Middle Gym HVAC**
- **North Elementary Gym HVAC**
- **WV State Building 36 HVAC Upgrades**
- **Westwood Middle Cooling Tower**
- **Pipestem Lodge HVAC Piping Replacement**

Professional History

2010 – Present Miller Engineering, Inc. MEP Designer

Education

2008 Penn State – Fayette, AS - Building Engineering Systems Technology: *Building Environmental Systems Technology*

2007 Penn State – Fayette, AS - Building Engineering Systems Technology: *Architectural Engineering Technology*

JOHN COLE, PE, PS | RK&K

Role: Project Manager

Education: BS, Civil Engineering Technology, Fairmont State College, 2001

Professional Registration: Professional Engineer: WV, 2008 [REDACTED] Also registered in MD, VA, and OH

Experience: 17 years

Mr. Cole has been actively involved in the planning, design, and construction of West Virginia's infrastructure projects for more than 17 years, providing industry leadership through addressing the region's infrastructure needs. He has diverse experience in the design of water and wastewater treatment plants, pumping stations, distribution and collection systems, subdivision development, and construction management. His responsibilities include full project delivery including feasibility studies, design, construction plans and specifications, cost estimating, construction administration inspection and engineering.

US Route 40 (National Highway) Water Distribution System Improvement, Lavale, MD: Project Engineer. Assisted in the design and construction of a water distribution mainline replacement project. Project consisted of installation of approximately 22,000 linear feet of water distribution line, 38 fire hydrants, 280 meter assemblies, and 24 connections to existing water line.

Sewer Improvements, Town of Oakland, MD: Manager. Responsible for the design of various sewer line replacements, I&I flow monitoring and smoke testing, and the installation of a bar screen at the Town's main pump station, upstream of the wastewater treatment plant. Project also included the preparation of both a Preliminary Engineering Report (PER) and Environmental Report (ER) for submission to USDA Rural Utility Service (RUS) for funding.

Northern Mineral County Regional Sewer System Wastewater System, Mineral County Commission, WV: Project Engineer. Responsible for assisting in the development of the facilities plan recommending a regional sewer project consisting of a new 1.2 mgd WWTP, 40 miles of sewer collection, 2.5 miles of sewer rehabilitation, 3 miles of sewer force mains, and 10 sewage pump stations; coordinated efforts involved in the funding and permitting process. **Phase 1- Design:** responsible for coordinating and overseeing the design of the WWTP including the following major components, influent pump station, mechanical fine screen, vortex grit unit, Aqua SBRs, post-equalization, automatic backwashing filters, aerobic digesters, and a belt filter press. **Phase 2 - Wastewater Treatment Plant, Mineral County Commission, WV:** Project Engineer responsible for overseeing the design expansion for increasing the treatment plant capacity from 0.6 mgd to 1.2 mgd. Work involved expanding the biological treatment by adding two new Aqua Aerobic SBR's, a third aerobic digester, additional recirculating sand filters, and other miscellaneous upgrades throughout the WWTP site. During construction, assisted with project oversight, reviewing contractor shop drawings, RFI's, applications for payment along with coordinating with the onsite inspector.

New Creek Public Service District, Mineral County, WV: Manager. Oversaw flow monitoring and smoke testing efforts for locating sources of inflow and infiltration entering the collection system.

Charles Town Utility Board On-Call Water & Sewer Projects, Charles Town, WV: Project Manager. Oversaw design and construction phase services for various water and sewer on-call projects. Projects included design and construction of new sewage lift stations; modifications to existing sewage lift stations; over 10 miles of water mains and sewage force mains; improvements to two of the Utility's three WWTPs; improvements to the single WTP including a 1 MG water storage tank; preparation of numerous reports, evaluations, and studies; construction of three emergency back-up generators; painting of several elevated water storage tanks.

JEFFREY STANISLAWCZYK, PE | RK&K

Role: Site Grading & Storm Water Management

Education: BS, Civil Engineering, West Virginia University, 1996

Professional Registration: Professional Engineer: WV, 2005

Experience: 22 years

Mr. Stanislawczyk joined RK&K in 2016, following a 19-year career with the WVDOH where he served as Design Engineer, Project Designer, Project Engineer and Inspector on numerous highway and bridge projects. His wide range of transportation experience includes asset management, pavement preservation, environmental permitting, traffic impact studies, hydraulic analysis, innovative contracting and project delivery methods, bridge preservation. Mr. Stanislawczyk manages technical aspects of transportation projects through the planning, design, construction and maintenance phases.

Town of Lonaconing, Town Hall Building, Lonaconing, MD: Assisted with finalizing the design of the new Town Hall Building. The building design included: site design work, utility modifications, erosion and sediment controls, and state/county permit applications and approvals for the project.

Mountain Laurel Medical Center, McCoole, MD: Finalized the design of the site plan for Mountain Laurel Medical Center. The building design included: site design work, erosion and sediment controls, hydraulic analysis, utility work, and state/county permit applications and approvals for the project.

McCoole Baseball Field, McCoole, MD: Finalized the design of the site plan for the McCoole Baseball Field in McCoole, MD. The baseball field design included: site design work, erosion and sediment controls, hydraulic analysis, and state/county permit applications and approvals for the project.

WVDOH | Hedgesville Bridge, Berkeley County, WV: Project Engineer. Assisted in the design of a replacement for a new single span two-lane bridge and the roadway approaches for the Hedgesville High School Bridge carrying West Virginia Route 9 and crossing Tulissus Branch.

WVDOH | Thomas Pedestrian Bridge, Tucker County, WV: Project Engineer. Assisted with the design and preparation of contract plans and related documents for the construction of a pedestrian accessible bridge crossing the North Fork of the Blackwater River connecting the Town of Thomas to trails on the opposite side of the river.

WVDOH | Waites Run Bridge, Hardy County, WV: Project Engineer. Assisted with traffic control and right-of-way plans for the replacement of an existing three-span continuous steel beam bridge carrying WV Rt. 55 and crossing Waites Run in Hardy County. The project consisted of construction of a single span bridge, 150' in length. The roadway width is 32' to the inside of parapets.

WVDOH | Inwood Bypass, Berkeley County, WV: Project Engineer. Provided phase II design development for contract plans for widening of existing WV Route 51 and I-81. Project includes widening I-81 to three lanes and an existing section of WV 51 to 5 lanes. The project also includes three roundabouts and a bridge replacement.

WVDOH | Roadway Departure Assessment, Various, WV and I-79/I-68 Cable Barrier, Marion/Monongalia County, WV: Project Engineer. Provided evaluation and recommendations of safety enhancements of 226 miles of roadway in five counties on various routes. Simultaneously designed over 24 miles of excavation and cable barrier installation along both Interstate 68 and 79.

WVDOH | District 5: Roadway Design Engineer. Involved with overseeing the district's prioritization and funding for maintenance and rehabilitation of the nearly 3,200 miles of roadway in the District's inventory. Oversaw the design development and construction support of roughly 30 projects in various stages in any given year.

ANTHONY D. FISH, JR, PE | RK&K

Role: Site Grading & Storm Water Management

Education: BS, Civil Engineering, WV Institute of Technology, 1992; AS, Drafting and Design Engineering Technology, WV Institute of Technology, 1987

Professional Registration: Professional Engineer: WV, 2004

Experience: 25 years

Mr. Fish joined RK&K as Senior Project Engineer in RK&K's Charleston, WV office. He brings 25 years of experience as a civil engineer, including work on projects in West Virginia, with strong design and project management skills. His experience includes problem identification, conceptual solutions, cost estimating, preliminary and final design, plan production, contract development, work selection, contract administration, construction inspection and field engineering.

Union Williams PSD, Waverly County, WV: Planner and Project Manager. For a major rehabilitation to the existing Union Williams PSD sewer and water systems. Union Williams PSD is a public sewer and water utility located in Waverly County, WV. It serves an average of 3212 water customers and 1810 sewer customers in northwestern WV, including the Emmerson Avenue / WV 2 Corridor from Eastern Parkersburg, along I-77 to the Ohio River approaching Saint Mary's, WV. The project included the restoration of three lift stations experiencing significant deterioration from hydrogen sulfide exposure, some combination of backup pumps and/or permanent bypass pumps for seven pump stations, including the three major rehabilitations, several process and facility improvements at the waste water treatment plant, an upgrade of the lift station that serves the WVANG facility at the nearby regional airport, replacement pumps to serve the Loren Cullum Addition sewer line, some facility improvements for the main Union Williams PSD office, protection of an exposed sewer line in Reeds Bend, variable frequency drives for Northwood Villa lift station, a new SCADA system for Mullinex lift station, and the purchase and implementation of vacuum pit failure indicator lights to be used to improve and speed up field diagnostic work throughout the system.

Garrison Avenue / Magazine Branch Storm Sewer Rehabilitation, Charleston, WV: Lead Designer. Oversaw construction of a major rehabilitation to the Garrison Avenue storm sewer. The main line consisted of twin structures 96" to 60" in diameter and 10,600 lf and was rehabilitated fully at several joints and a new pipe invert was placed using shotcrete and pumped epoxy. Several laterals were replaced and access / manholes were rehabilitated and replaced at seven locations.

Virginia Street Pump Station Rehabilitation, Charleston, WV: Project Manager. Responsible for overseeing a replacement of a failing lift station pump located at the Railroad underpass on Virginia Street West in Charleston. A lift station serving a narrow urban railroad underpass failed during the particularly wet WV Spring of 2013, causing localized flooding resulting in full roadway closure. Designed and implemented an emergency pump replacement and control and power system rehabilitation to quickly return the lift station and the roadway to service. Riverfront and Schoenbaum Amphitheater, South Side Bridge rehabilitation, Farnsworth Bridge rehabilitation, bicycle and pedestrian trails and numerous retaining structures.

Assistant City Engineer, City of Charleston, WV: Worked in a variety of disciplines including structural, architectural, transportation and geotechnical engineering design and mapping and GIS development. Management of small, medium and large design and construction projects.

MATTHEW YOUNGBLOOD, PE | RK&K

Role: Utilities | Water | Sewer

Education: BS, Civil Engineering, West Virginia University, 2006

Professional Registration: Professional Engineer: WV, 2016

Experience: 6 years

Mr. Youngblood works closely with engineers from our Transportation Sector preparing engineering and design documents according to the scope-of-services for transportation design projects. He is highly experienced in drafting designs to create and transform ideas and concepts into reality using computer-aided drafting (CAD) system, as well as the use of MicroStation and GEOPAK Civil Engineering Suite. He has experience preparing bid packages to advertise projects and bidding the project to make sure it is awarded in accordance with state funding requirements. He also has experience with construction engineering from submittal review, to making sure the project is completed to contract plans and specifications during construction from start to finish.

Tuscan Ridge Subdivision, WV: Assisted with design of roadway layout, which included sizing culverts for drainage in the subdivision. Also assisted with the design and layout of the water and sewer utilities.

Mineral County Commission | Northern Mineral County Regional Sewer System Phase 1 Collection System (CM/CI), Mineral County, WV: Construction Engineer. Assisted with new regional sewer collection system which includes over 20 miles of sewer collection lines. Engineering oversight of 0.6 mgd Wastewater Treatment Plant to serve Northern Mineral County.

Mineral County Commission | North Mineral County Regional Sewer Phase 2&3, Mineral County, WV: Construction Engineer. Assisted with the construction of new gravity collection and force main sewage system to replace individual septic systems and old collection system which was in non-compliance with state regulations. The project included a river crossing and installation of three duplex pump stations with auto-dial alarm systems. Both portable and permanent generators were provided as part of the project.

Water System Improvements, Town of Lonaconing, MD: Construction Engineer. Assisted with the replacement of Koontz Run Dam. Existing earth dam was replaced with three million gallon pre-fabricated concrete tank.

Wiley Ford Water Line, Mineral County, WV: Designer. Project included the replacement of water lines to improve service and quality of water. The project also includes a new water tank to provide improved water pressure and supply.

Oakland Water Distribution System Study, Town of Oakland, MD: Engineer. Design of waterline replacements on numerous streets in Oakland, which included the design of booster stations to provide adequate pressure to water customers within the system.

Greater Marion Public Service Authority | Carolina and Idamay Sewer System Replacement Project, Marion County, WV: Assisted with Inflow and Infiltration study with sewer camera inspections. Designer on vacuum sewer line relocation to improve the efficiency of the sewer collection system in the Town of Idamay. Assisted with design to replace the vacuum system with gravity and force main sewer system.

ANDREW P. SUTER | RK&K

Role: Utilities | Water | Sewer

Education: BS, Civil Engineering, West Virginia University, 2007

Experience: 11 years

Mr. Suter is an Engineer with RKK's Transportation Group. His focus is in the field of Water Resources. His responsibilities relate to all phases of project development design, including layout, grading, stormwater management, hydraulic modeling, storm sewer system, water quality and sediment control designs.

WVDOH | Keyser McCoolle Bridge – McCoolle Water & Sewer Pump Station: Assisted with design of building and site layout and development. Assisted in the water and sewer line layout, crossing under the Potomac River.

Douglas Avenue Storm Drainage Project, Town of Lonaconing, MD: Engineer. Responsible for aiding in the design of a new stormwater collection system for Douglas Avenue. From Town limits to Georges Creek. This consisted of designing a system that would not interfere with the numerous existing utilities already located under the street. New storm drains and inlets, new concrete curbs, and in some locations, new sidewalks were utilized in creating the collection system. After installation of storm water collection system, a new streetscape had to be laid out. Several sections had sidewalk removed and curb put back in its place, thus street widening was a result in some areas. A full paving overlay of the street was completed at the final stage of the project.

Dan's Mountain Access Road, Maryland Department of Natural Resources, Dan's Mountain, Allegany County, MD: Engineer. Assisted with development of the Erosion & Sediment Control Plan for access road that consisted of 1 ½ miles of existing road, upgraded and 1 mile of new construction through Dan's Mountain Wildlife Management Area. Drainage areas and E&S control measures were designed to control storm run off during and after project and used for submission and applications to State and Federal Agencies, such as Maryland Department of Environment and Maryland Department of Natural Resources.

Carolina and Idamay Sewer System Replacement Project, Greater Marion Public Service District, Marion County, WV: Engineer. Responsible for developing a comprehensive I & I study of the sewer system. Conducted I&I study in the field, as well as, sewer inspection of individual homes in both communities. Assisted in the design of sewer repairs and inspection at the conclusion of I&I study. Also prepared an Engineering Report for the Greater Marion Public Service District class action lawsuit.

Tuscan Ridge Subdivision Site Development, Atlantic Land Corporation, Davis, WV: Project Designer responsible for roadway layout and design, as well as lots and right-of-way design. Assisted in E & S Design of Phase 3, as well as water tank site design on Phase 4.

Noah Accord, PE

Noah has more than 12 years experience in structural engineering, design, specification, and project management. During his employment with Alpha Associates and EarthRes Engineering, Noah provided structural design and managed multiple built projects. His experience encompasses a wide range of projects including K-12 and higher education facilities, financial Institutions, emergency services buildings, natural gas facilities, and automotive dealerships. A native of Braxton County, Noah is a Licensed Professional Engineer in Pennsylvania and West Virginia.

Project Role: Structural Engineer

- Structural Engineering and Design
- Concept and Construction Design
- Quality Assurance and Control

Professional History

2015- Present	EarthRes Engineering	Project Manager
2005-2015	Alpha Associates	Associate and Structural Engineer

Education

2004	University of Pittsburgh	B.S Civil Engineering
2005	University of Pittsburgh	M.S Civil Engineering

Licenses and Certifications

- Licensed Professional Engineer (West Virginia, Pennsylvania)

Professional Project Highlights

- Potomac State College – ADA Connector Building
- Potomac State College – Church-McKee Plaza
- Potomac State College – Shipper Library Façade
- WVU Engineering Sciences Building – East Wing Addition, 10th Floor Fit-Out, Basement Renovation
- WVU Engineering Research Building -- G07 & G08 Renovation
- WVU College of Physical Activities and Sports Sciences/ Student Health Center
- WVU Center for Alternative Fuel Engines and Emissions
- Alderson Broaddus University – Pyles Arena Deck Replacement
- Glenville State College – Morris Stadium Skybox
- Washington High School, Jefferson County Schools, WV
- Pineville Elementary School, Wyoming County Schools, WV
- Huff Consolidated School, Wyoming County Schools, WV
- Aurora School Addition, Preston County Schools, WV
- Riverview High Field House Design-Build, McDowell County Schools, WV
- Safe School Entries, Monongalia County Schools, WV
- Morgantown High Elevator, Monongalia County Schools, WV
- Clear Mountain Bank, Oakland, MD
- Clear Mountain Bank, Reedsville, WV
- Clear Mountain Bank-Kroger, Sabraton, WV
- Fairmont Federal Credit Union, Bridgeport, WV
- Freedom Ford, Kia, and Volkswagen Automotive Dealerships, Morgantown, WV
- Jenkins Subaru Addition, Bridgeport, WV
- Elkins Fordland Renovation, Elkins, WV
- Elkins Chrysler Dealership, Elkins, WV
- Harry Green Nissan Design-Build, Clarksburg, WV
- Cool Green Automotive Addition and Renovation, Shepherdstown, WV

Professional Project Highlights (continued)

- OPM, Eastern Management Development Center Addition, Shepherdstown, WV
- US Coast Guard – Conference Room Renovation, Martinsburg, WV
- Eastern Panhandle Transit Authority Addition, Martinsburg, WV
- WV National Guard - Armory Office Fit-out, Parkersburg, WV
- South Berkeley Fire Station, Inwood, WV
- Jefferson County Emergency Services Agency – New Headquarters
- Berkeley County Ambulance Authority – South Station Renovation and Addition
- Community Center, Ridgeley, WV
- Wastewater Treatment Plant Renovations, Martinsburg, WV
- Public Works Building, Fairmont, WV
- Clarion Hotel Renovation, Shepherdstown, WV
- FBOP Hazelton Prison Medium Security Complex, Hazelton, WV
- Regional Eye Associates/ Surgical Eye Center, Morgantown, WV
- Bavarian Inn – Infinity Pool/ Pool Bar, Shepherdstown, WV

BERKELEY SPRINGS STATE PARK
OLD ROMAN BATHHOUSE
RENOVATIONS

Montum

Architecture



West Virginia Division of Natural Resources contracted Montum Architecture to design repairs and improvements to the Old Roman Bathhouse at Berkeley Springs State Park. The structure was built in 1815 with various changes and updates since then. Work includes repairs to the tub structure and plumbing, replacement of the boiler, floor tile replacement, and other updates to fit and finish.



COMPLETION: SPRING 2019

COST: \$782,800

SIZE: 2,500 SF RENOVATED

LOCATION: BERKELEY SPRINGS, WV

CONTACT:
Carolyn Mansberger
DNR Project Manager
304-558-2764

Montum Architecture, LLC

37 ER Path, Keyser, WV 26726 ● 304-276-7151 ● tom@montumarch.com ● montumarch.com

POTOMAC STATE COLLEGE
BACHELORS IN SCIENCE OF
NURSING RENOVATION

Montum

Architecture



West Virginia University - Potomac State College received the former National Guard Armory in 2016. In addition to recreational facilities, the newly named J. Edward Kelley Center will house the 4-year WVU School of Nursing BSN program. The project converted former meeting spaces into demonstration nursing laboratories and lecture spaces. Office spaces were renovated. Electrical and HVAC systems were updated to meet the new needs.

COMPLETED: 2018

BUDGET: NOT DISCLOSED

SIZE: 3,900 SF RENOVATED

LOCATION: KEYSER, WV

CONTACT:
Mike Simpson
Director of Facilities
304-788-6886



Montum Architecture, LLC

37 ER Path, Keyser, WV 26726 ● 304-276-7151 ● tom@montumarch.com ● montumarch.com

BERKELEY SPRINGS STATE PARK
POOL BATHHOUSE ROOFING
REPLACEMENT

Montum

Architecture



West Virginia Division of Natural Resources contracted Montum Architecture to specify and administer roofing replacement of the Pool Bathhouse at Berkeley Springs State Park. The existing roofing was a combination of EPDM and built-up roofing. Failing wood framing was replaced and ACM abatement was incorporated in the demolition.

COMPLETED: 2018

COST: \$155,400

SIZE: 2,800 SF RENOVATED

LOCATION: BERKELEY SPRINGS, WV

CONTACT:
Carolyn Mansberger
DNR Project Manager
304-558-2764



Montum Architecture, LLC

37 ER Path, Keyser, WV 26726 ● 304-276-7151 ● tom@montumarch.com ● montumarch.com



Montum Architecture - Experience

Montum Architecture, LLC was founded in 2017 by Tom Pritts. Prior to that, Tom worked with Miller Engineering as a consultant on the following built projects (projects underlined were designed with Noah Accord as the structural engineer):

- WVU Creative Arts Center Wheelchair Lift
- Glenville State College – Morris Stadium Skybox
- Riverview High Field House Design-Build, McDowell County Schools, WV
- Clear Mountain Bank, Oakland, MD
- Clear Mountain Bank, Reedsville, WV
- Clear Mountain Bank-Kroger, Sabraton, WV
- Grant County Bank, Petersburg, WV
- Freedom Ford, Kia, and Volkswagen Automotive Dealerships, Morgantown and Clarksburg, WV
- Jenkins Subaru Addition, Bridgeport, WV
- Eastern Panhandle Transit Authority Addition, Martinsburg, WV
- Cacapon State Park – Old Inn HVAC and Interior Renovation
- WV National Guard - Armory Office Fit-out, Parkersburg, WV
- Jefferson County Emergency Services Agency - New Headquarters
- Berkeley County Ambulance Authority – South Station Renovation and Addition
- Poolhouse Renovation, McMechen, WV
- Community Center, Ridgeley, WV
- Public Works Building, Fairmont, WV
- Oatesdale Park Little League Fields, Martinsburg, WV

In order to protect his former employer's instruments of service, further documentation will not be included as part of the Montum submission. Additionally, references for Tom Pritts personal performance can be provided upon request.

Descriptions of Past Projects Completed – Adaptive Renovation

MedExpress National Headquarters

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Protection/Alarms

Estimated Budget: \$12M
Facility Area: 31,000 ft²
Owner: MedExpress, Inc.



A full mechanical, electrical and plumbing upgrade was necessary for this former grocery store in order to meet the needs and demands of the client's use. A full computational model of the building and the new floor plan revealed that use of rooftop units of varying configurations would effectively condition the facility. Variable air volume (VAV) and constant volume systems were utilized to accomplish this goal. In addition, a dedicated air system was required for the critical corporate data center which would also accommodate both the current system load and anticipated growth of the owner. Halon systems, extensive fire and alarm systems, were installed to bring the facility to safety and state regulation codes. The critical corporate data center also required the design of a full standby power system with generator, uninterruptible power supply and transient voltage surge suppression. All project goals were met and the project was a success.

Descriptions of Past Projects Completed – Electrical

Elkins DNR Operations Center Standby Generator

Elkins, WV

Services Provided:

- Backup Power
- Electrical Distribution
- Emergency Lighting

Electrical Budget: \$92K

Facility Area: Approx 30,000 sq ft

Owner: WV DNR



The WV DNR Operations Center in Elkins, WV requested to have an emergency generator installed due to losses incurred from a long power outage caused by Hurricane Sandy. MEI coordinated which systems the DNR wanted on standby power. This required the installation of new panels which are fed through a transfer switch. Critical operation loads were installed in these panels. The owner requested a natural gas fueled generator, requiring modifications to the building's gas service. Some of the buildings light fixtures were retrofitted to LED with battery backup to provide some emergency lighting in common areas.

Project Contact:
Brad Leslie, PE
WV DNR
(304) 558-2764

Project Experience: HVAC Upgrade

West Virginia State Building 36 (1 Davis Sq.)

Charleston, WV

Services Provided:

- HVAC System Replacement
- Mechanical Piping
- Electric
- Construction Administration

Estimated Budget: \$2.1M

Facility Area: 58,400 ft²

**Owner: State of West Virginia –
General Services Division**



The 30-plus year old chiller serving Building 36 failed in the spring of 2016. MEI was retained to design the installation of a temporary rental chiller, which remains in service at this time. MEI was then retained to design a full HVAC retrofit to the building due to the condition of the air handlers, ductwork, VAV boxes, and associated systems. The building presented unique challenges as it was originally two buildings in which the common space was later in filled to create one building. The deck to deck heights in some areas are very limited, resulting in the need for accurate evaluation, design, and detailing in the construction documents. MEI designed a phased approach to accomplish the project. The phasing was developed directly with the owner to minimize the impact on the building occupants; who had to relocate to swing space phase by phase. Instead of just replacing the existing system in-kind, MEI designed a system utilizing three rooftop units ducted vertically through the building, which eliminates the sole source failures that have plagued the system for several years. The project is ready for bid at this time.

Project Contact:

*David Parsons, Operations and
Maintenance Manager
State Capitol, Room E-119
(304) 957-7122*

UNION WILLIAMS PUBLIC SERVICE DISTRICT

PARKERSBURG, WV



In the Fall of 2018, RK&K was selected to design and facilitate construction of a major rehabilitation to the existing sewer system, to be followed by a series of upgrades to the PSD water system. Union Williams PSD, a public sewer and water utility, located in Waverly, Wood County, WV. The PSD serves an average of 3212 water customers and 1810 sewer customers in northwestern WV. This includes the areas of Emmerson Avenue / WV 2 Corridor from Eastern Parkersburg, along I-77 to the Ohio River approaching Saint Mary's, WV.

Lift Station Improvements: A major component of the project is the design and implementation of the restoration of three lift stations experiencing significant deterioration from hydrogen sulfide exposure, and some combination of backup pumps and/or permanent bypass pumps for 7 total lift stations, including the three major rehabilitations. Each pump station required a bypass system to be installed so interior components of the system can be removed to accommodate concrete rehabilitation via spray lining application. The internal pump station components will then be reinstalled, replacing any damaged or excessively deteriorated or worn elements, and the pump station will be restarted and returned to service.

Additionally, the project included an upgrade of the lift station that serves the WVANG facility at the nearby regional airport, replacement pumps to serve the Loren Cullum Subdivision Addition sewer line, variable frequency drives for Northwood Villa lift station, a new SCADA system for Mullinix lift station, and the evaluation, purchase and implementation of several vendor-supplied appurtenances such as vacuum pit failure indicator lights to be used to improve and speed up field diagnostic work throughout the system.

Waste Water Treatment Plant: The Union Williams PSD waste water treatment plant is receiving several updates and rehabilitation elements as a part of the project, including a bypass and complete rehabilitation of the sewer plant trough, replacement of the headworks control panel, variable frequency drives for the effluent pumps, new aeration / mixing systems for the digesters and day tank, and a new driveway and parking surface.

Client: Union Williams Public Service District

Contact: Kelley Sanders, General Manager | 4468 Williamstown Pike; Williamstown, West Virginia 26187

Year: 2018 (ongoing)

Cost: \$2 Million

TOWN OF LONACONING TOWN HALL

LONACONING, MARYLAND



In 2018, RK&K provided engineering services to the Town of Lonaconing for the construction of a new Town Hall building to be located on the west side of E. main Street, MD Route 36. Services included site development; preparation of site plans and construction documents; and construction engineering management and project representative services.

Site Plans: RK&K provided site design and utility design for the building including, site grading, drainage, and utility service to the building (water, sewer, electrical and communication conduits). Work also included site paving design and stormwater management.

Funding: RK&K assisted the Town of Lonaconing in obtaining funding for the project. The project is being funded by United States Department of Agriculture Rural Development (USDA).

Permits: RK&K assisted the Town of Lonaconing in obtaining all required State and federal environmental permits, including a Maryland State Highway Administration Permit for construction of a 27.5' wide depressed curb commercial entrance as part of the proposed building.

Construction Documents: RK&K prepared bidding and construction documents and assisted with the bidding process. Bids were opened June 1, 2018 with bids within RK&K's estimated cost. Construction began in December of 2018 with substantial completion scheduled for August of 2019.

Construction Management: RK&K is providing construction management services during construction of the project which includes submittal review, construction oversight, monthly progress meetings, monthly payment application review, and project close-out.

Project Representative Services: RK&K is providing full-time project representative services during construction of the project, which includes onsite inspection of work and documentation.

Owner: Town of Lonaconing

Contact: John W. Coburn, Jr., Mayor | 301 463 6233

Completed: Ongoing

Cost: \$604,900

POTOMAC PLAZA

MINERAL COUNTY, WV



RK&K provided site design of a 50,000 SF shopping center to be surrounded by 20 outparcels. RK&K submitted the site design to the Mineral County Planning Commission and obtained approval for the development to be located on US Route 220, south of Keyser, West Virginia. The total site contains over 55 acres with the original development containing 23 acres.

RK&K's services included coordination of boundary and lot survey and topographic survey of the site. RK&K completed a grading plan for the entire development. RK&K provided utility design for the entire project, including water, sanitary sewer, natural gas, electric, storm sewer and communication. For the design of the utilities, RK&K coordinated the connections with the appropriate utility and obtained all state and local permits. A stormwater collection system including an underground stormwater containment was also designed for the site with discharge into New Creek.

The development contains entrance on US Route 220, two entrances on Pine Swamp Road, and an interconnection with Walmart. As part of the WV Division of Highways approval process, a traffic study was required. The results of the traffic study requires the development of a de-acceleration lane on US Route 220 when generated traffic flow reaches a higher specified volume, and also required a traffic light. Following approval of the traffic study, entrance permits were obtained.

As part of the traffic study, a habitat study for Indiana bat migration was conducted to satisfy US Department of Interior Fish and Wildlife. A wetland delineation was conducted and permits for stream crossings were obtained from the Army Corp of Engineers. Impacts to wetlands on the site were avoided in the design of the development for phase I.

RK&K has provided the site design for three of the outparcels, the Mineral County Office of Emergency Management & Home Land Security/ 911 Call Center, Microtel Motel, and West Virginia Department of Health and Human Resources.

Owner: Greyhound Properties
Contact: Tim Michaels | 301.722.4455
Completed: 2009
Cost: \$818,000

MOUNTAIN LAUREL MEDICAL CENTER

MCCOOLE, MD



RK&K is currently providing engineering and surveying services to Omni Associates – Architects, Inc. for the construction of the Mountain Laurel Medical Center located along MD 135 in McCoole, MD. The site is situated on 1.132 acres that includes an existing building currently being renovated by Daystar Builders out of Grantsville, MD.

RK&K provided surveying services, including a boundary survey and preparation of a plat and legal description per State of Maryland requirements. A topographic survey of the site was also performed for preparation of a site and grading plan as well as drainage and stormwater management design plan. Work also included survey of all utilities, drainage, and building features.

RK&K prepared site map and site plan showing proposed grading, drainage, paving and parking that was incorporated into the architectural plans. A stormwater management plan was also prepared, including water quality and quantity necessary to meet County and State requirements, as well as a sediment and erosion control plan.

RK&K also obtained an entrance permit from the MDSHA by preparing entrance design with details and submitting application for approval.

As the Certifying Engineer during construction, RK&K is conducting as-needed inspection to verify proper construction of stormwater features. RK&K will also provide as-built drawings to Allegany County for their records.

Owner: Omni Associates – Architects, Inc.
Contact: Adam Rohaly, AIA, Principal | 304 367 1417
Completed: Ongoing
Cost: \$25,000

REFERENCES

RK&K is pleased to provide the following professional references to demonstrate successful experience on similar contracts. We encourage you to call each of our clients to further articulate the value RK&K provides. Please ask not only about the technical credentials of our staff, but also our commitment to schedule compliance, cost performance and communications.

Client	Project	Address	Contact
Union Williams PSD	Union Williams PSD	468 Williamstown Pike; Williamstown, WV 26187	Kelley Sanders, General Manager 304.464.5121
Huber Michaels & Co	Potomac Plaza	110 S. Centre Street, Cumberland, MD 21502	Tim Michaels, CPA 301.722.4455
Town of Lonaconing	Lonaconing Town Hall	7 Jackson Street, Lonaconing, MD 21539	John W. Coburn, Jr., Mayor 301.463.6233
Omni Associates- Architects, Inc.	Mountain Laurel Medical Center	207 Jefferson St., Fairmont, WV 26554	Adam Rohaly, Principal 304.367.1417



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 568443

Doc Description: A/E Services for New District VI Office Complex

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-04-08	2019-04-30 13:30:00	CEOI 0310 DNR1900000010	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Brittany E Ingraham
 (304) 558-2157
 brittany.e.ingraham@wv.gov


Signature X

FEIN # 82-1385831

DATE April 26, 2019

All offers subject to all terms and conditions contained in this solicitation

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.

 , Member

(Name, Title)
 Thomas Pritts, Member

(Printed Name and Title)
 37 ER Path, Keyser, WV 26726

(Address)
 304-276-7151


(Phone Number) / (Fax Number)
 tom@montumarch.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.

Montum Architecture, LLC

(Company)

 , Member

(Authorized Signature) (Representative Name, Title)

Thomas Pritts, Member

(Printed Name and Title of Authorized Representative)

April 26, 2019

(Date)

304-276-7151

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DNR19*10

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.

Montum Architecture, LLC

Company



Authorized Signature

April 26, 2019

Date

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

Revised 6/8/2012