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Header @ 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1286876

Procurement Type: Central Purchase Order

Vendor ID:

Legal Name: MONTUM ARCHITECTURE LLC

Alias/DBA:

Total Bid: \$0.00

Response Date:

Response Time:

Responded By User ID:

First Name:

Last Name:

Email:

Phone:

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2400000003

Published Date: 9/6/23

Close Date: 9/26/23

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 1286876
Solicitation Description: A&E - Coopers Rock New Laundry Facilities
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2023-09-26 13:30	SR 0310 ESR09262300000001523	1

VENDOR
 VS0000013207
 MONTUM ARCHITECTURE LLC

Solicitation Number: CEOI 0310 DNR2400000003
Total Bid: 0
Response Date: 2023-09-26
Response Time: 12:46:27
Comments:

FOR INFORMATION CONTACT THE BUYER
 Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional engineering services				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments: EOI Response

Extended Description:

Design and contract administration services of new laundry facilities at Coopers Rock State Forest.



Expression of Interest
A/E Services – Coopers Rock New Laundry Facilities
CEOI 0310 DNR2400000003
September 26, 2023



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

Montum Architecture, LLC
55 ER Path, Keyser, WV 26726 • 304-276-7151 • tom@montumarch.com
montumarch.com



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September 26, 2023

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

**Subject: A/E Services – Coopers Rock New Laundry Facilities, CEOI 0310
DNR240000003**

Dear Sirs and Madams,

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 20 years of experience designing a multitude of project types. He will be the primary contact for the duration including construction administration services, lead all architectural design efforts, and oversee the design team.

Montum has teamed with Miller Engineering, Inc. to provide mechanical, electrical, and plumbing design services and Arrow Engineering for structural design services. This team has worked on numerous projects together in various capacities, including many for WV DNR.

The design team has reviewed the three goals listed in the Goals/Objectives section of the EOI solicitation and the proposed approach is summarized below. Further documentation is presented in the firm profiles, qualifications, and experience sections of the EOI response.

Goal One – The design team prides themselves in starting new projects looking at all of the existing conditions, project needs, and limitations that inform the best approach to the design process and goals of the project. Our project sheets clearly reflect the extent of previous experience in working in that manner. Thorough assessment of existing conditions is the first key component to developing the project needs.

Goal Two – The design team’s modus operandi is to work from a master planning perspective on everything we do in order to holistically understand the needs of the

Montum Architecture, LLC

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

project and to integrate new work into overall operation of systems or facilities. In addition to existing building evaluations, functional and stylistic needs are identified with the Owner's stakeholders. This information is then boiled down into design plans, phasing approach if necessary, and budgetary impacts.

Goal Three – Each primary designer remains as the primary point person as the project progresses into construction. The continuity of the design-decision knowledgebase positively impacts the administration of construction activities.

The primary goal for any project is to provide exemplary designs that function to the greatest extent possible for the given budget constraints. 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

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

WEST VIRGINIA

state



parks

Montum



C. Qualifications, Experience, and Past Performance

Montum Architecture, LLC Firm Profile

Who We Are.

Montum Architecture, LLC was founded in 2017 to provide architectural design and consulting services. Montum Architecture is a Limited Liability Corporation filed in the state of West Virginia. The company is also registered in the State of Maryland as a foreign LLC. Montum is staffed by a licensed principal architect and a design professional. They work manage projects together, from conceptual to construction administration, allowing the utmost coordination of building plans and specifications with minimal potential for miscommunication.

Our Services

Government	Planning
Institutional	Building Assessment
K-12 schools	Architectural Detailing
Higher Education	Specification Writing
Multi-Dwelling	Contract Administration
Medical	Design/Bid/Build
Retail	Renovation
Emergency Services	Renderings
Automotive	Life Safety Evaluations
Financial	Design/Build
Warehouse	Project Management

Why Choose Us.

Communication

Tom Pritts will be the primary point of contact for Montum's architectural services. Montum will manage communication with the Owner, Contractor, and sub-consulted team of members on this project.

Project Budget

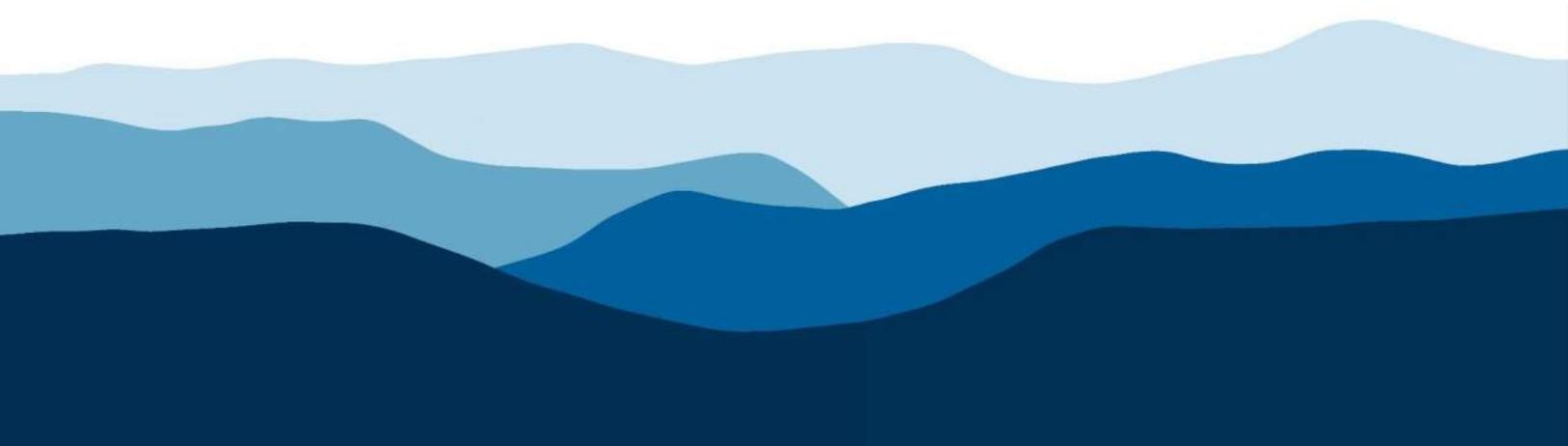
Previous work experience has shown a consistent +/-2%bid-to-budget ratio.

Project Schedule

Montum will monitor and adjust the design tasks in order to complete the design work in 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. Existing condition documentation includes drone imaging, 360 camera shots, and handheld LiDAR telemetry.



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



Residential

Commercial

Industrial

Arrow Engineering
is a structural
engineering firm
headquartered in
Morgantown, WV.
Serving clients in
the *residential,*
commercial and
industrial markets.

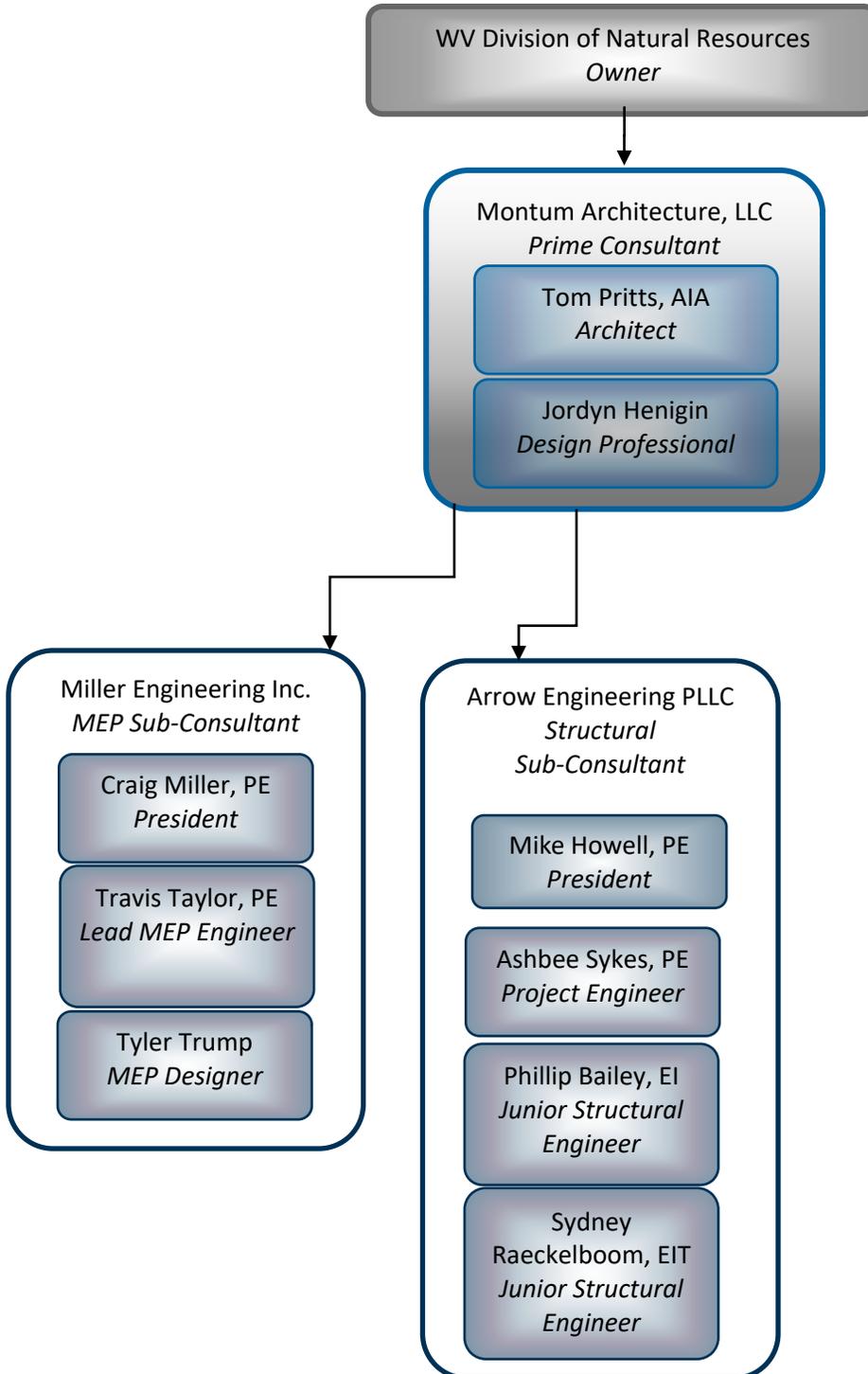
Arrow Engineering delivers success to our clients with three promises we commit to in every project we undertake:

- 1. Maintain exceptional knowledge of construction practices.**
- 2. Deliver quality documents that are practical and detailed.**
- 3. Pledge to rise above and beyond our clients' expectations.**

Arrow's founder and President, Michael Howell, PE SE has over two decades of industry experience as a structural engineer, civil engineer, and contractor. Arrow's team is prepared to bring that experience into every project.

We consider it a great honor to serve our clients.

Project Organization Chart



WEST VIRGINIA

state



parks

Qualifications

Montum





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

Tom founded Montum Architecture in 2017. He has more than 20 years of 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
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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 – former First Vice-President

Professional Project Highlights

- Mineral County Detention Center, Courthouse, and Annex Additions and Renovations, Keyser, WV
- WVGSD Elevator Modernizations, Charleston and Parkersburg, WV
- WVGSD Chiller Plant Annex, Charleston, WV
- Potomac State College – Bachelor of Nursing Renovation, Keyser, WV
- Wyoming East High School HVAC Renovation – Wyoming County Schools, WV
- Westside High School HVAC and Roof Renovation – Wyoming County Schools, WV
- Career and Technical Center Door and Window Replacement – Wyoming County Schools, WV
- Wyoming County Central Office – Wyoming County Schools, WV

Montum



Professional Project Highlights

- Bean's Lane Farm Labor Housing, Moorefield, WV
- Berkeley Springs State Park – Pool Bathhouse Roof Replacement
- Berkeley Springs State Park – Old Roman Bath Renovation
- Blackwater Falls State Park – Boiler Room Renovation
- Cass Campground, Cass WV
- Lost River Campground, Mathias, WV
- Watters Smith State Park Pavilion, Lost Creek, WV
- Greenbrier SF Headquarters, White Sulphur Springs, WV
- Plum Orchard WMA Maintenance Building, Scarbro, WV
- Mon Co Schools Transportation Addition, Morgantown, WV
- Jackson Co ARFC Wash Bay, Millwood, WV
- FWAATS Lockerroom and Bathroom Renovations, Bridgeport, WV
- WVANG USPFO Lockerroom and Bathroom Renovations, Buckhannon, WV
- BUMFS Staggers Recovery Office and Bathrooms, Burlington, WV
- BUMFS Hope Meadows Facility, Burlington, WV
- BUMFS Mill Meadow Life Safety, Keyser, WV
- BUMFS Maintenance Building and Exercise Addition Life Safety, Keyser, WV
- Aging & Family Services of Mineral County - Keyser Senior Center, Keyser, WV
- Aging & Family Services of Mineral County – Office Addition, Keyser, WV
- RISE – REACT, Cumberland, MD
- New Covenant UMC, Cumberland MD
- Our Lady of the Mountains Parish – Bathroom Renovation, Cumberland, MD
- Mountain View Assembly of God – Rec Hall Ceiling Design
- Larenim Park Amphitheater, Burlington WV
- Building 25 HVAC & Lighting Projects, Parkersburg WV
- Ed Kelley Memorial, Keyser WV
- Waxler Warehouse Renovations, Keyser WV
- Waxler Warehouse Fire Pump Replacement, Keyser, WV



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



Jordyn Henigin, M.Arch

Jordyn joined Montum Architecture in May 2020. A recent graduate of Fairmont State University, She has been eager to enhance her skills in the business field and develop a stronger knowledge of architectural design principals and methods. Jordyn is in the process of perusing her goal to becomea licensed Architect.

Project Role: Design Professional

- Concept and Construction Design
- Building Information Modeling – Revit
- Architectural Rendering - Lumion

Professional History

2020- Present	Montum Architecture	Design Professional
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Education

2020	Fairmont State University	Bachelors of Architecture
2022	Fairmont State University	Masters of Architecture

Licenses and Certifications

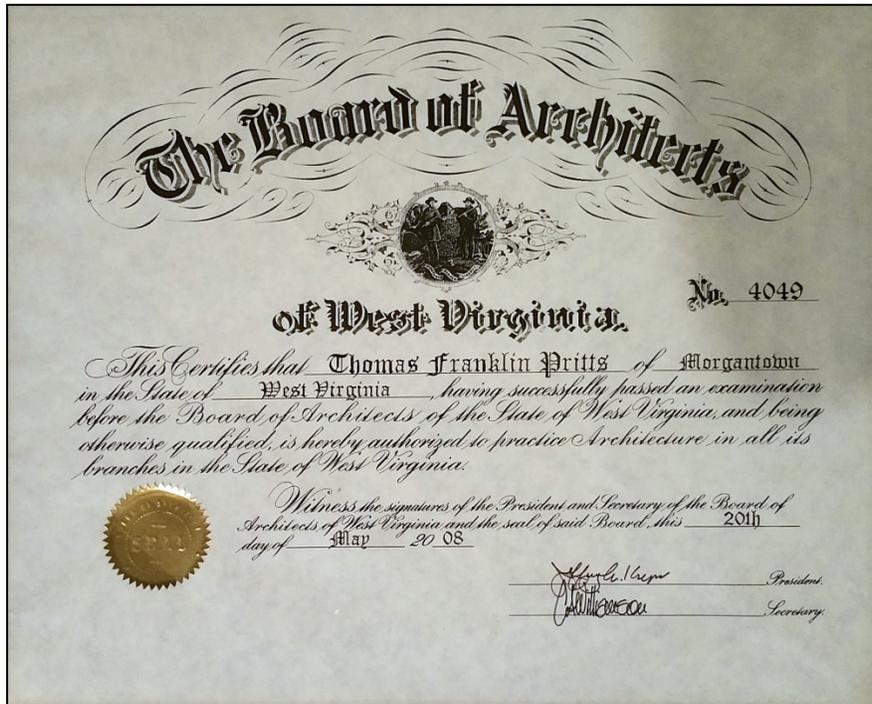
- LEED-Green Associate
- 30-hour OSHA Card

Associations and Memberships

- Assoc. AIA

Professional Project Highlight

- Watters Smith State Park, Lost Creek WV
- Mon Co Schools Transportation Addition, Morgantown WV
- Jackson Co ARFC Wash Bay, Millwood WV
- BUMFS Staggers Recovery, Burlington WV
- BUMFS Knobley Rehab, Burlington WV
- Aging & Family Services of Mineral County - Keyser Senior Center, Keyser WV
- Mineral County Detention Center, Courthouse, and Annex addition and renovations, Keyser WV
- New Covenant UMC, Cumberland MD
- Larenim Park Amphitheater, Burlington WV
- Building 25 HVAC, Parkersburg WV
- WVGSD Elevator Modernizations
- Westside HVAC and Roof, Clear fork WV
- Ed Kelley Memorial, Keyser WV
- Cass Campground, Cass WV
- Waxler Warehouse, Keyser WV
- Greenbrier SF Headquarters, White Sulphur Springs WV
- FWAATS, Bridgeport WV





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 and \$70million in deferred maintenance projects. 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 “Relationship Manager” for Miller Engineering as the main communication interface between the Owner, the design team, contractors, and stakeholders.

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

- WV Capitol Complex (Chiller Plant Upgrades, Elevators Phase I & II)
- Morgantown High School Area 4 HVAC Renovations
- WV B36 HVAC Upgrade
- Cacapon State Park Lodge Addition & Renovation
- Huntington Fourpole Creek Floodwall Station Electrical Upgrades
- Met Theatre (Renovations, Chiller Replacement, Rigging Upgrades)
- Beech Fork State Park – MEP New Construction Design
- WVU Life Sciences Building and Student Recreation Center – Owner’s Engineer
- Greer Building (Electrical Upgrades, HVAC Upgrades)
- WV Building 25 (Piping, HVAC, Elevator, Lighting)

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)
- 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. These include local ASHRAE classes in addition to classes on electrical systems, and also steam systems through Shippenburg Pump Company. 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

- Camp Dawson FMS4 Fire Protection
- Pipestem Resort State Park (HVAC Piping, Sprayground, Fire Alarm, Locker Room)
- Mineral County Facility Additions & Renovations
- City Hall Plumbing Renovations
- WV Dept. of Agriculture Warehouse Electrical Upgrades
- Holly River Electrical Upgrades (Phase I & II)
- WV State Building 25 (Piping, HVAC, Lighting)
- Alderson Broaddus Withers Hall
- Morgantown High School Area 4 HVAC Renovations

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 - West Virginia, Maryland
- OSHA 10-hour Course: Construction Safety & Health



Tyler Trump

Tyler joined Miller Engineering in August 2022. A recent graduate of West Virginia University, he has been eager to learn the means and methods of MEP consulting. Tyler assists the MEP design team with design calculations and is rapidly learning design software such as Autodesk REVIT and Hourly Analysis Program by Carrier. He assists the engineers with material takeoffs and creating construction estimates. He is also learning construction administrations along with building, electrical, and plumbing codes and standards. Tyler is currently preparing to take the Fundamentals of Engineering Exam.

Project Role: Junior Engineer

- *Design Calculations*
- *Drafting of MEP Systems*
- *Assist with Construction Administration*

Professional Project Highlights

- Cass Scenic Railroad State Park Campground
- Lost River Campground
- Mountain Line Transit Authority Office Renovation
- WV Building 25 Lighting Upgrades
- Ronald McDonald House Morgantown Addition & Renovations
- Pipestem State Park (Boiler Replacement, Fire Alarm)
- RISE / REACT
- Fresh Kraez Restaurant
- WVARNG Challenge Academy Maclin Hall MAU Replacement

Professional History

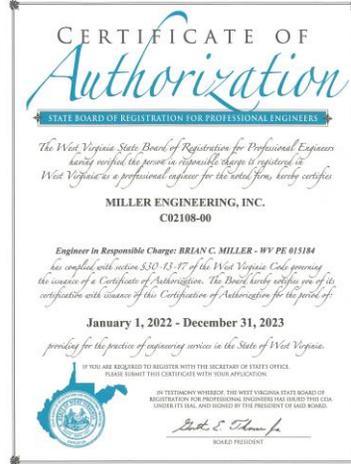
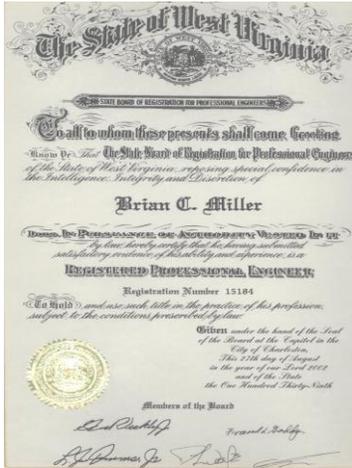
2022- Present Miller Engineering, Inc. MEP Designer

Education

2022 West Virginia University, BS - Mechanical Engineering

Licenses and Certifications

Licenses & Certifications





Michael Howell PE, SE

President

With more than 20 years of experience, Michael is the force behind Arrow. Originally from Pittsburgh, Pennsylvania, he founded this company in a town that he grew to love as a child, Morgantown West Virginia.

From holding a hammer in his hand and going in crawl spaces, to attaining his PE and SE and working with many different project types and scales throughout the years, he has a background in both construction and engineering.

Michael's experience includes residential, commercial, and industrial projects of all sizes throughout the United States and across the world. He brings a straightforward and practical approach to projects that saves clients time and money while ensuring the Arrow team produces the highest quality materials and goes the extra mile to give people what they need.

EDUCATION

UNIVERSITY OF PITTSBURGH

BACHELOR'S OF SCIENCE
CIVIL ENGINEERING

WEST VIRGINIA UNIVERSITY

MASTER'S OF ARTS
BUSINESS ADMINISTRATION

PROFESSIONAL LICENSURE

WV, VA, PA, IN, LA, CA,
MD, KY, TN, NJ, OH

CURRENT AFFILIATIONS

Spark! Imagination and Science Center

Bartlett House

Pace Enterprises, Inc

BNI International

Habitat for Humanity

American Society of Civil Engineers

RECENT PROJECT EXPERIENCE

Bridgeport Fire Department

Bridgeport, WV

Grow West Expansion Phase II

Cumberland, MD

Parkersburg Children's Museum

Parkersburg, WV

Sweet Springs Resort Bathhouse Restoration

Sweet Springs, W.V.

Mon General Community Hospital

Fairmont, WV





Ashbee Sykes, PE

Project Engineer

Growing up working in a family construction business, Ashbee has a great appreciation for construction and structures. From framing houses to planning and engineering on multimillion dollar infrastructure projects, he has experience in many facets of the industry and understands the hard work that goes into projects and the impact design decisions may have.

As a Structural Project Engineer, Ashbee's work as a young carpenter inspired his appreciation for structural engineering and led him to where he is today. His vast knowledge and practical experience is a valuable asset to the Arrow team.

EDUCATION

WEST VIRGINIA UNIVERSITY
BACHELOR'S OF SCIENCE
MECHANICAL ENGINEERING

WEST VIRGINIA UNIVERSITY
MASTER'S OF SCIENCE
AEROSPACE ENGINEERING

THE CITADEL
GRADUATE CERTIFICATE
STRUCTURAL ENGINEERING

PROFESSIONAL LICENSURE

WV, VA, PA, NC

CURRENT AFFILIATIONS

American Society of Civil Engineers
Structural Engineering Institute
American Institute of Steel Construction

FORMER PROFESSIONAL EXPERIENCE

The Thrasher Group — Bridgeport, WV
Sykes Construction — Kitty Hawk, NC

RECENT PROJECT EXPERIENCE

300 South Campus Drive

Imperial, PA

APM Apartments

Martinsburg, WV

Connellsville Event Center

Connellsville, PA

New Hope Commons Chipotle

Uniontown, PA

Sutherland Residence

Morgantown, WV

Opequon-Hedgesville WWTP Upgrades

Martinsburg, WV





Phillip Bailey, EI

Junior Structural Engineer

A Junior Structural Engineer and native Mountaineer, Phillip was born and raised in the small town of Bridgeport, West Virginia. As a student, prior to his graduation from West Virginia University, he assisted West Virginia University's Women and Children's Hospital as a Project Manager for two years and has experience with large-scale projects.

Phillips passion for construction and advanced knowledge of structural engineering analysis software programs brings great value to Arrows clients.

EDUCATION

WEST VIRGINIA UNIVERSITY

BACHELOR'S OF SCIENCE
CIVIL ENGINEERING

CURRENT AFFILIATIONS

Former Marshall of WVU Chi Epsilon Chapter
Young Life Youth Ministry Leader

RECENT PROJECT EXPERIENCE

Bridgeport Fire Department

Bridgeport, WV

Boone Memorial Hospital

Danville, WV

Ascend West Virginia

Morgantown, WV

Birchwood Power Station Demolition

King George, VA

Fairmont United Methodist Renovation

Fairmont, WV

Crown Jeep Dealership and Service Center

Washington, PA





Sydney Raeckelboom, EIT

Junior Structural Engineer

Originally from South Carolina, Sydney has roots in West Virginia. Her grandmother grew up in War and went to Big Creek High school, the historic home of the Rocket Boys, portrayed in the popular movie "October Sky".

A Project Engineer, Sydney began her career working on pre-manufactured metal building systems. She soon moved onto working with various commercial projects for government bases around the world. As a junior engineer, she has over 5 years experience collectively.

Sydney brings a fresh perspective and modern approach to Arrow's projects.

EDUCATION

CLEMSON UNIVERSITY

BACHELOR'S OF SCIENCE
CIVIL ENGINEERING

FORMER PROFESSIONAL EXPERIENCE

Cranston Engineering — Augusta, Ga
SS&A — Montgomery, Al
Nucor Building Systems — Swansea, SC

RECENT PROJECT EXPERIENCE

Augusta Preparatory School

Augusta, GA

Beverage Outlet

Evans, GA

Veterinary Clinic

San Francisco, CA

Starbucks Middletown

Middletown, WV

Advanced Learning Center Addition

Morgantown, WV

Spencer Middle School

Spencer, WV



WEST VIRGINIA

state



parks

Montum



Experience



Before



After

Berkeley Springs State Park Old Roman Bathhouse renovations

Description of Project:

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.

Construction Cost

\$782,800

Project Size

2,500 SF Renovated

Project Location

Berkeley Springs, WV

Construction Completion

Spring 2020

Contact

Carolyn Mansberger
DNR Project Manager
304-558-2764



Mineral County Commission

Facility Renovations and Additions

Description of Project:

The Mineral County Commission operates three primary buildings at the Courthouse Complex which are the Courthouse, the Judicial Annex, and Sheriff Building. Additional office space is provided via a second-story addition to the Sheriff Building with elevator access. The Courthouse gains a security checkpoint vestibule, egress stair, and elevator access to all three existing floors. The Judicial Annex improvements include the fitout of the existing second floor, an addition of a security checkpoint vestibule, egress stair, and elevator. The project includes fire alarm and sprinkler system installations for code compliance. The existing courthouse and annex structures are under the purview of the State Historic Preservation Office. Section 106 approvals were gained before construction began.

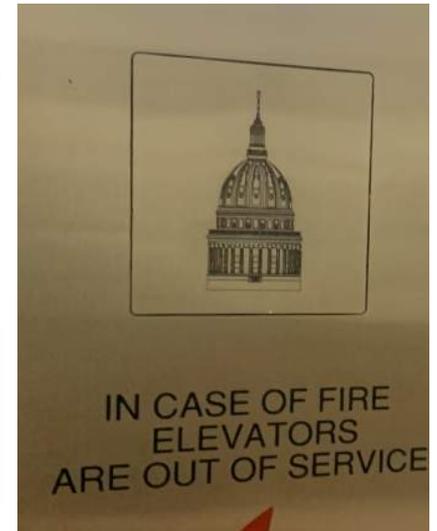
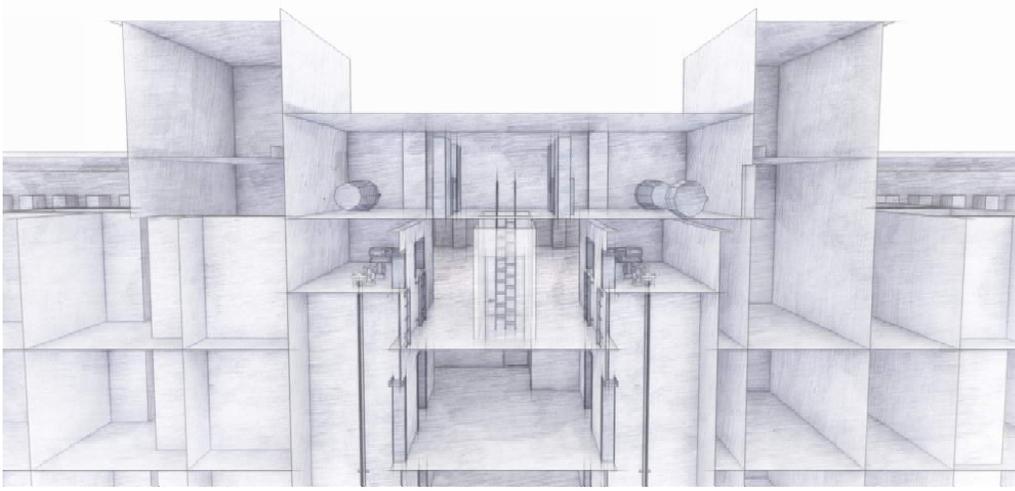
Construction Cost
\$8.5 Million

Project Size
40,000 SF Existing
10,500 SF New

Project Location
Keyser, WV

Construction Completion
Spring 2025

Contact
Luke McKinzie
County Coordinator
304-788-5921



West Virginia General Services Division Various Elevator Modernizations

Description of Project:

Miller Engineering, Richard Kennedy & Associates, and Montum Architecture partnered for the project. They were tasked with evaluating 31 current elevator systems and developed modernizations for each in a three-phase project method. Modernizing the machine rooms and bringing the systems into compliance with as few or no deviations as possible is a key aspect in the scope of service. To ensure that State decision-makers better understand the findings, the team created a full report including discussions, projections, suggestions, an executive summary, and an elevator system "primer". Phase I included seven elevators at the West Virginia Capitol Building, two at WV Building 7, and two at WV Building 25. Work at the Capitol Campus was reviewed and approved by the Capitol Building Commission, including historic restoration and complimentary aesthetics in the WV Capitol Building. Phases 1 & 2 are currently in construction.

Construction Cost
\$20M

Project Size
N/A

Project Location
Charleston, WV

Construction Completion
In Construction

Contact
Pat O'Neill
Project Manager
WV General Services Division
112 California Ave
Charleston, WV
304-957-7133
Patrick.s.oneill@wv.gov

POTOMAC STATE COLLEGE BACHELORS IN SCIENCE OF NURSING RENOVATION



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



Wyoming County Schools

Wyoming East High School & Westside High School HVAC & Roof Replacement

Description of Project:

The West Virginia School Building Authority funded replacement of the HVAC systems and roofing at the existing Wyoming East High School in 2017. The County received ARP ESSER funds through the West Virginia Department of Education for HVAC system upgrades at Westside High School in 2021. The County locally funded the replacement of the EPDM roofing in sequence with this HVAC project. Work was performed within a occupied buildings with close coordination of school daily schedules and calendar of events. Many of the units are being replaced one-for-one with some zones being split into multiple units to allow flexibility of new curriculum within the spaces or needs for additional comfort control. Ceilings are being replaced to meet updated guidelines for educational facility acoustics.

Construction Cost

\$3.2M & \$3.3M

Project Size

130,000 SF Existing, Each

Project Location

New Richmond, WV
Clear Fork, WV

Construction Completion

WEHS – Summer 2019
WES – Spring 2023

Contact

Robert Lyons
Director of Facilities
304-732-6262

Descriptions of Past Projects Completed – Misc. Upgrades

Blackwater Falls State Park Lodge Upgrades

Davis, WV

Services Provided:

- General Trades
- Plumbing
- Electrical
- Mechanical
- Pool

Estimated Budget: \$1.1 Mil

Facility Area: 46,000 ft²

**Owner: West Virginia Division of
Natural Resources**



Project Contact:

*Bradley S. Leslie, PE, Assistant Chief
State Parks Section*

Phone: (304) 558-2764 ext. 51826

MEI has performed several projects at the Blackwater Falls State Park Lodge that cover many trades. Miller Engineering designed new HVAC systems for the dining room and make up unit for the Kitchen. The units were installed in a manner to not interfere with views of the park. The second floor plumbing piping was upgraded and routed out of the attic for freeze protection. The bathrooms were re-connected with new GFCI receptacles to eliminate nuisance tripping. New panel boards, hallway lighting, and hallway ceilings were installed as well. A MEI project which was just completed is the replacement and re-piping of the hot tub. The existing spa was leaking and had maintenance issues. A new hot tub was installed along with tiling. A new chemical and pump room was installed as well. Miller Engineering was recently contracted to design the replacement of the existing boiler system and convert them from steam to hot water. The project is currently in the final phases of construction.

Project Experience: Indoor/Outdoor Public Pool

Cacapon Lodge Addition

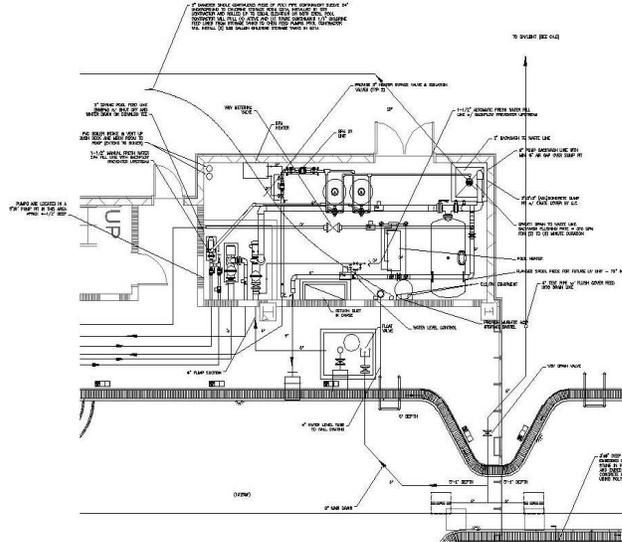
Services Provided:

- Electrical
- Plumbing
- HVAC
- Indoor/Outdoor Pool
- Swim Under Wall
- Up-flow Spring Pool

Estimated Budget: \$400k

Facility Area: 2,500 ft²

Owner: WV Department of Natural Resources



The pool renovation/upgrade will have three components: a main pool with an indoor and outdoor section connected by a “swim under” wall, a hot tub or spa with integral seating and an up-flow “spring pool” for groups of guests to gather and socialize. Project includes the design of a marcite finish, concrete pool, stainless steel gutters and sand filtration systems. The design incorporates durable technology for construction and operating systems, such as: high rate fiberglass sand filters, commercial pumps and combination supply tube gutters to provide circulation and filtration of the pool water. The pools are heated and the exterior portion of the pool may be closed off and covered during winter months.

Project Contact:

*Bradley S. Leslie, PE, Assistant Chief
 WVDNR State Parks Section
 (304) 558-2764 ext. 51826*

Descriptions of Past Projects Completed – HVAC Piping

Pipestem McKeever Lodge

Pipestem, WV

Services Provided:

- HVAC
- Plumbing
- Electrical
- Accommodation of Existing Systems

Estimated Budget: \$1.7M

Facility Area: 63,000 ft²

Owner: West Virginia Division of Natural Resources



The original HVAC piping at McKeever Lodge had exceeded its lifespan and had been suffering from corrosion leading to multiple leaks, including one causing an electrical service outage. Miller Engineering was hired to investigate the existing piping, discovering all of the some 4,000 linear feet of piping required replacement. As this lodge is regularly occupied for larger conferences, the project had to be phased to minimize the amount of guest rooms taken out of service at one time. MEI also designed provisions to interconnect the lodge's two separate boiler/chiller plants so one plant could operate the entire lodge at a partial capacity while the other plant was replaced and re-piped. This interconnect also allows the lodge to operate in the event of a boiler or chiller outage.

Power was provided to new equipment, and motor control centers were added to control the building loop pumps. A new building controls system was installed to allow the plants to run at optimum efficiency while meeting the lodges heating and cooling needs.

Project Contact:

Carolyn Mansberger, Project Manager
State Parks Section
(304) 558-2764



Recreational & Athletic Project List

Residential | Commercial | Industrial

Arrow Engineering or its Principals have experience as the design engineer, Engineer of Record, or project manager for the following recreational projects:

Krepps Park New Playground Installation	<i>Morgantown, WV</i>	Parkersburg Children's Museum Masonic Lodge Bldg. Renovation	<i>Parkersburg, WV</i>
Mary Lou Retton Park Multi-use building upgrades	<i>Fairmont, WV</i>	Dorsey's Knob BOPARC Lodge Renovation and Deck Replacement	<i>Morgantown, WV</i>
Whitmore Park Pedestrian Trail Bridge Replacement	<i>Morgantown, WV</i>	Marilla Park Concession Building and Dugout Upgrades	<i>Morgantown, WV</i>
Ruby Amphitheater Lighting and Equipment Design	<i>Morgantown, WV</i>	Davis & Elkins College Outdoor Amphitheatre Steel Design	<i>Elkins, WV</i>
5th St Dance Structural Renovation Assessment	<i>Fairmont, WV</i>	Ariel Opera House Structural Renovation and HVAC Upgrades	<i>Gallipolis, OH</i>
High Bridge State Park Rail to Trail Bridge Conversion	<i>Farmville, VA</i>	New River State Park Pedestrian Bridge Rail to Trail	<i>Blacksburg, VA</i>
Marion County Wave Pool Locker Room Renovation	<i>Fairmont, WV</i>	Kingwood Civil Center Soundproofing Upgrades	<i>Kingwood, WV</i>
The Island Amusement Park Light Netting Upgrades	<i>Fairmont, WV</i>	Sustainable Living Market Structural Design of Building and Stage	<i>Lewisburg, WV</i>

WEST VIRGINIA

state



parks

Montum





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

State of West Virginia
 Centralized Expression of Interest
 Architect/Engr

Proc Folder: 1286876			Reason for Modification:
Doc Description: A&E - Coopers Rock New Laundry Facilities			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2023-09-06	2023-09-26 13:30	CEOI 0310 DNR2400000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000013207
Vendor Name : Montum Architecture, LLC
Address : 55
Street : ER Path
City : Keyser
State : West Virginia **Country :** USA **Zip :** 26726
Principal Contact : Thomas Pritts, AIA
Vendor Contact Phone: 304-276-7151 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X  **FEIN#** 82-1385831 **DATE** September 26, 2023

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.

(Printed Name and Title) Thomas Pritts, Member

(Address) 55 ER Path, Keyser, WV 26726

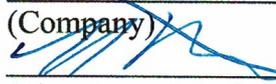
(Phone Number) / (Fax Number) 304-276-7151

(email address) tom@montumarch.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

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

Montum Architecture LLC

(Company) 

(Signature of Authorized Representative)

Thomas Pritts, Member 9/26/23

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

304-276-7151

(Phone Number) (Fax Number)

tom@montumarch.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0310 DNR 24*3

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: **None**
(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.

Montum Architecture LLC

Company

Authorized Signature

9/26/23

Date

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