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Header @ 1

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 948938

Procurement Type: Central Contract - Fixed Amt

Vendor ID: VS0000013207

Legal Name: MONTUM ARCHITECTURE LLC

Alias/DBA:

Total Bid: \$0.00

Response Date: 12/19/2021

Response Time: 21:34

Responded By User ID: Montum

First Name: Thomas

Last Name: Pritts

Email: tom@montumarch.com

Phone: 304-276-7151

SO Doc Code: CEOI

SO Dept: 0805

SO Doc ID: PTR2200000001

Published Date: 12/14/21

Close Date: 12/20/21

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum #1 Mountain Transit Authority Upgrade

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: 948938
Solicitation Description: Addendum #1 Mountain Transit Authority Upgrade
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2021-12-20 13:30	SR 0805 ESR12122100000003591	1

VENDOR
 VS0000013207
 MONTUM ARCHITECTURE LLC

Solicitation Number: CEOI 0805 PTR2200000001
Total Bid: 0
Response Date: 2021-12-19
Response Time: 21:34:33
Comments:

FOR INFORMATION CONTACT THE BUYER

Jessica L Hovanec
 304-558-2314
 jessica.l.hovanec@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/Architectural Services				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

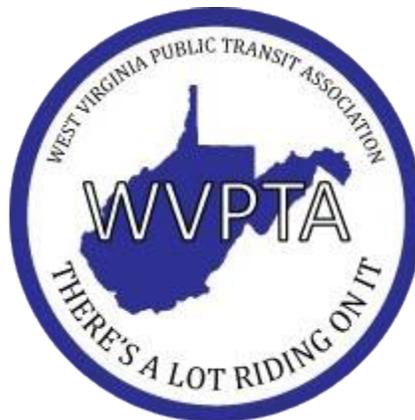
Commodity Line Comments:

Extended Description:

The scope of work involves adding an additional 3,000 sq. ft. to the existing building. Within the 3,000 sq. ft. expansion are contained additional offices, a training room, restrooms, a driver's room, a parts supply room and an extension of the current parking lot. In addition, the scope of work includes new LED lighting in the building, relocation of the building's existing downspouts, landscaping and site design, utility coordination/



Expression of Interest
Mountain Transit Authority Upgrade and Modification
CEOI 0805 PTR2200000001
December 14, 2021



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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December 14, 2021

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

**Subject: Mountain Transit Authority Upgrade and Modification
CEOI 0805 PTR220000001**

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

Montum has teamed with Miller Engineering, Inc. to provide mechanical, electrical, and plumbing design services. Experience-based design is a keystone to their approach to your project.

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.

The design team has reviewed the seven 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 4.1 – 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. Efforts will include the work identified in the EOI.

Montum Architecture, LLC

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

Goal 4.2 – The design team is currently working on two projects requiring National Environmental Protection Act documentation.

Goal 4.3 – 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 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. Code evaluation and authority approval are an integral part of this process.

Goal 4.4 – 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.

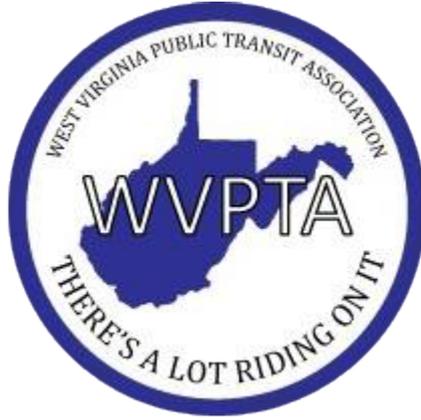
Respectfully submitted,
Montum Architecture LLC



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

Montum Architecture, LLC

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





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/Filteration

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

Engineering for Success

MULTIPLE ENGINEERING DISCIPLINES. MULTIPLE MARKETS. MANY SUCCESSES.

EARTHRES is a multi-disciplinary engineering consulting firm. We help our clients succeed with planning, designing and permitting projects across many industries, including solid waste, mining, energy, manufacturing, food and beverage, commercial, and government.

Our knowledge across industries is broad. Our engineering discipline is deep. We advocate for your success.

- Engineering
- Geosciences
- Water Resources
- Regulatory/Permitting/Compliance
- Environmental Services



Energy Facilities Engineering and Design

Clients trust our decades of oil and gas pipeline experience with their new asset, operations, and maintenance engineering requirements. They also appreciate our operating company focus that helps them understand the regulatory requirements and optimize the commercial aspects of the entire natural gas, natural gas liquids, oil and refined products value chain. We support the following segments of the energy industry:

- Upstream
- Midstream
- Downstream
- Unconventional Gas Services

Using our staff of licensed professional engineers and NACE® certified technicians, we provide operating companies with:

- Operations Engineering Support
- Energy Facilities Permitting
- Oil & Gas Construction Engineering Support & Inspection
- Energy Environmental Services



Mine to Market

Our firm's reputation is well known in the mining industry for mine planning, reserves analysis, mining engineering, process plant design, permitting, construction, reclamation, assessment for yield and efficiency improvements, process monitoring, and expert litigation services.

- Mine Permitting
- Hydrogeologic Services
- Mine Design & Operations Support
- Mine Planning
- Mining Engineering
- Mineral Processing Design / Evaluation / Operation
- Geologic Services
- Beneficial Reuse
- Process Control / Instrumentation
- Mineral Evaluations
- Modeling
- Plant Design
- Structural Design
- Construction Support



Solid Waste Facility Engineering

We know how competitive this industry is and how to manage the market factors to improve our client's bottom line.

- Landfill Engineering
- Facility Planning, Design & Operations Support
- Waste Diversion / Conversion Facilities Engineering
- Construction Engineering Services/CQA
- Biogas Management / Gas to Energy
- Leachate Management
- Water/Wastewater Engineering
- Environmental Investigation & Remediation
- Process Control / Instrumentation
- Monitoring and Reporting
- Air Quality Permitting & Compliance
- Solid Waste Permitting & Compliance
- Geologic & Hydrogeologic Services
- Geotechnical Engineering
- Modeling



Manufacturing/Industrial

Our team helps streamline manufacturing processes aiming at efficiency and profits. We optimize the process variables, including air quality, water and wastewater management, lowering operating costs, while maintaining compliance with environmental regulations and corporate sustainability programs.

- Facilities Permitting and Compliance
- Water Supply
- Air Quality Permitting & Compliance
- Water/Wastewater Engineering
- Environmental Investigation & Remediation
- Sustainability
- Process Control & Instrumentation
- Process Flow Evaluation & Design



Food & Beverage Manufacturing

Our expertise helps you meet strict FDA food safety standards by safeguarding the source for your bottled water and beverage manufacturing, optimizing process flow, proper water treatment, and wastewater management, while reducing operating costs.

- Water Sourcing & Permitting
- Process Engineering
- Facilities Permitting
- Water/Wastewater Engineering
- Sustainability
- Regulatory Compliance
- Process Control & Instrumentation
- PCQI certified



Commercial Development

We listen to you. From feasibility to completion, our professional staff joins your vision with fresh ideas. We bring the commercial engineering experience and foresight, and leading technologies necessary to yield the best standards and maintain a cost-effective approach.

- Land Development
- Environmental Investigation & Remediation
- Brownfield Development
- Water Supply
- Process and Mechanical Engineering
- Water/Wastewater Engineering
- Wetlands & Waterway

working with EARTHRES
multi-disciplinary services

The EARTHRES advantage is simply this: our team of experienced, certified, passionate, and hardworking engineers and scientists is invested in your success. That's our advantage and our promise.

Multiple engineering disciplines. Multiple markets. Many successes.

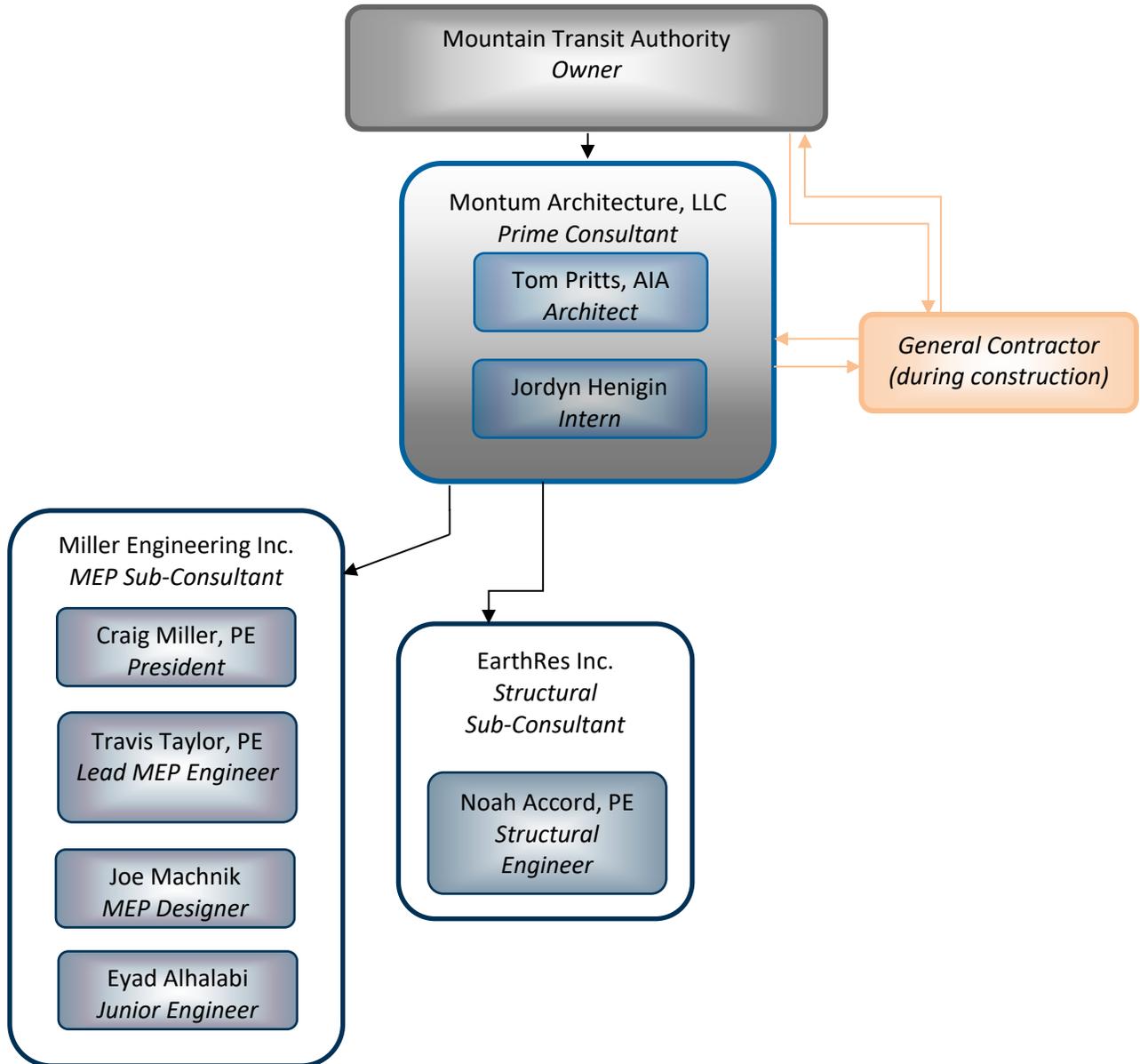


Government

EARTHRES engineers infrastructure development projects from concept through construction, including investigation, remediation, geotechnical assessment and more. We ensure compliance with environmental regulations so you can ensure public health and safety.

- Facilities Permitting
- Environmental Investigation and Remediation
- Civil Engineering
- Solid Waste Engineering
- Shoreline Protection / Restoration
- Water/Wastewater Engineering

Project Organization Chart







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

Tom founded Montum Architecture in 2017. He has more than 16 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 – 1st Vice President

Professional Project Highlights

- Potomac State College – Bachelor of Nursing Renovation
- Wyoming County Schools, WV - Wyoming East High School HVAC Renovation, Technical Center Door & Window Replacement, Board Office Renovation
- Monongalia County Schools, WV - Mountainview and MTEC HVAC Renovation, Bus Garage Addition, Alternative School Center
- WV Division of Natural Resources - Berkeley Springs State Park – Pool Bathhouse Roof Replacement, Old Roman Bath Renovation, District 2 Necropsy Lab, District 2 & 3 ADA Upgrades, Cacapon State Park Campground, Blackwater Falls Boiler Room Renovation
- Asbury Steeple Loft Apartments



- Short Gap Volunteer Fire Company Addition
- WV General Services Division Capitol Complex Chiller Plant Expansion

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, Center for Alternative Fuel Engines and Emissions, Colson Hall Water Infiltration Repairs, Mountainlair Water Infiltration Repairs, Chemistry Research Laboratories Fit-Out, 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
- Wyoming County Schools, WV - Pineville Elementary School, Huff Consolidated School
- 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





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 “Relationship Manager” for Miller Engineering 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

- WVU Life Sciences Building and Student Recreation Center – Owner’s Engineer
- WV Bldg 25 HVAC Renovations
- Morgantown HS Area 4 HVAC Replacement
- Advanced Surgical Hospital
- Washington High School Athletic Facilities
- Cheat Lake Elementary School
- Cacapon Lodge Addition & Renovations
- South Middle School HVAC Upgrades
- WVDNR Pipestem Piping Replacement

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*
- *Constructible Materials Evaluation*
- *Site Evaluation and Mechanical System Review*
- *Submittal and RFP Review*
- *RFI Coordination, Review, and Response*
- *Construction Observation*

Professional Project Highlights

- *Cacapon Lodge Addition & Renovations*
- *Morgantown High School Area 4 HVAC*
- *South Middle School HVAC Upgrades*
- *South Middle & North Elementary Schools Gymnasium HVAC Upgrades*
- *WVDA Ripley Warehouse Electrical Upgrades*
- *MTEC & Mountainview Elementary HVAC Upgrades*
- *MTEC Welding Shop*

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



Joseph Machnik

Joe brings his extensive experience with mechanical and plumbing construction to provide design and drafting of MEP systems for Miller Engineering. BIM coordination is a responsibility of Joe's to incorporate drawings and models from other firms and clients into MEI's building models to ensure coordination amongst trades. Construction administration duties include submittal review, jobsite visits and meetings, and reviewing pay apps among others.

Project Role: MEP Designer

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

Professional Project Highlights

- Bobtown Elementary HVAC
- WV State Building 25 HVAC Piping Replacement
- Blackwater Falls Boiler Replacement
- Suncrest Middle Gym HVAC
- North Elementary Gym HVAC
- Graftek Steam Systems Evaluations and Modifications
- WV State Building 25 HVAC Piping
- Pipestem Lodge HVAC Piping Replacement
- Westwood Middle Cooling Tower

Professional History

2010 – Present Miller Engineering, Inc. MEP Designer

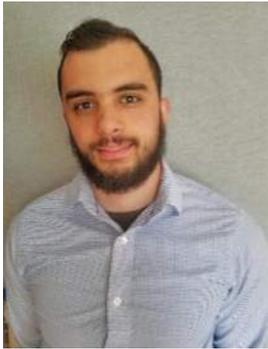
Education

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*

Additional Training

2016 – Shippensburg Pump Company – Steam Systems Training



Eyad Alhalabi

Eyad joined Miller Engineering in June 2019. A recent graduate of West Virginia University, he has been eager to learn the means and methods of MEP consulting. Eyad assists the MEP design team with design calculations and is rapidly learning design software such as Autodesk REVIT. He is also learning construction administrations along with building codes and standards. Eyad 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

- Morgantown ALC
- WVDA Ripley Warehouse Electrical Upgrades
- Huntington 8th & 10th Street Pump Stations
- Huntington Floodwall Pump Station Automation
- Hawks Nest Lodge
- Blackwater Falls Lodge

Professional History

2019- Present Miller Engineering, Inc. Junior Engineer

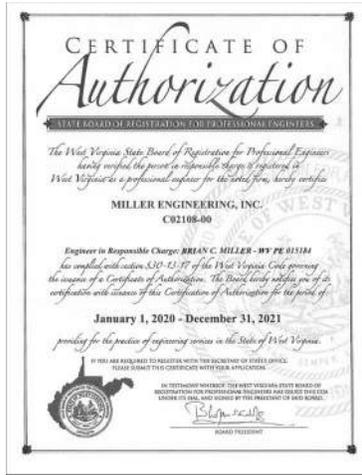
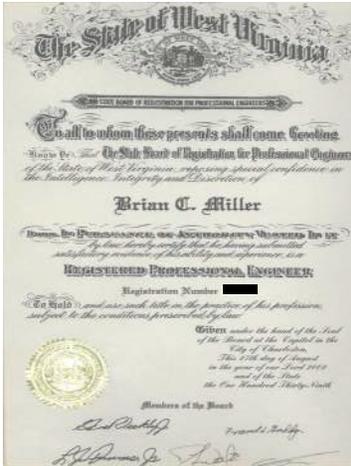
Education

2019 West Virginia University, BS - Mechanical Engineering

Licenses and Certifications

- ASHRAE Student Member

Staff – Proposed Staffing Plan





N. BLAINE ACCORD, P.E.

SENIOR PROJECT MANAGER

APPALACHIAN REGION

PO Box 794, Morgantown, WV 26508

Office:
304-212-6866

Mobile:
304-692-0533

baccord@earthres.com

PROFESSIONAL REGISTRATIONS

- OSHA Hazard Recognition
- Professional Engineer, KY [REDACTED]
- Professional Engineer, PA [REDACTED]
- Professional Engineer, WV [REDACTED]
- Professional Engineer, MD [REDACTED]
- Adult CPR Certification

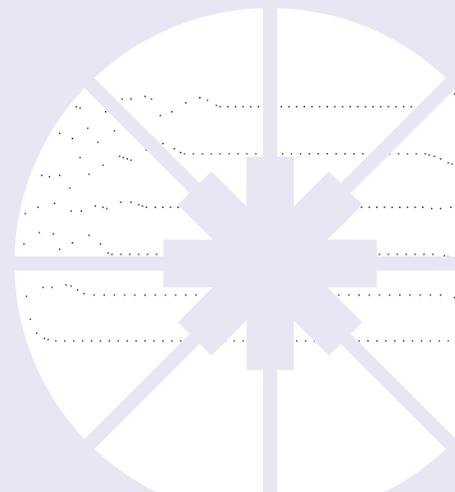
MEMBERSHIPS

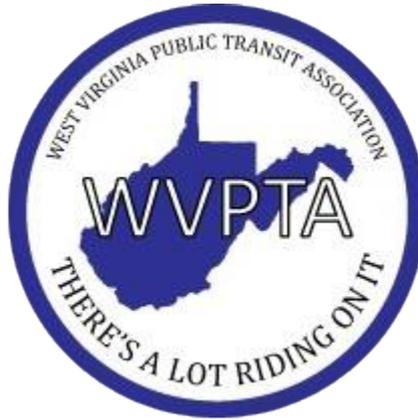
- Member, American Concrete Institute (ACI)
- Member, American Institute of Steel Construction (AISC)
- Member, American Society of Civil Engineers (ASCE)

PROFILE

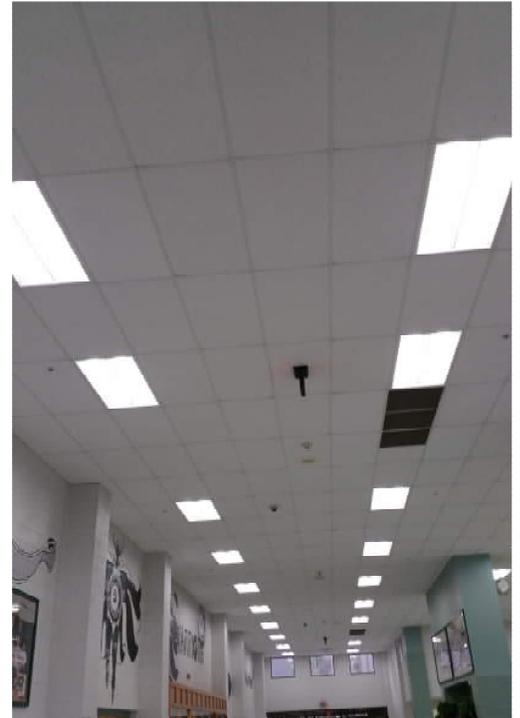
Mr. Blaine Accord has 16 years of professional experience in structural engineering, serving in all sectors at EARTHRES. In addition to design, Blaine is experienced in site inspection, construction administration, and in all aspects of project management. Blaine has designed commercial, industrial, and institutional buildings using materials including: structural steel, reinforced concrete, masonry, and wood. Blaine has significant experience managing multi-disciplinary engineering teams to complete complex projects. Areas of specialization:

- Structural Steel Design
- Reinforced Concrete Design
- Masonry Design
- Wood Design
- Structural Inspection
- Construction Inspection
- Project Management
- ASME B31.3 and B31.8 Code
- Facility As-Built Surveys
- Building Code Analysis





WYOMING COUNTY SCHOOLS WYOMING EAST HIGH SCHOOL HVAC AND ROOF REPLACEMENT



The West Virginia School Building Authority funded replacement of the HVAC systems and roofing at the existing Wyoming East High School in 2017. Montum Architecture is the architect-of-record for the HVAC project and integrated the roofing design consultant's information into bid package scenarios. Work is being performed within an occupied building 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.

COMPLETION: SUMMER 2019

BUDGET: \$3.2M

SIZE: 130,000 SF EXISTING

LOCATION: NEW RICHMOND, WV

CONTACT:
Donald Clay
Director of Facilities
304-732-6262

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



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



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

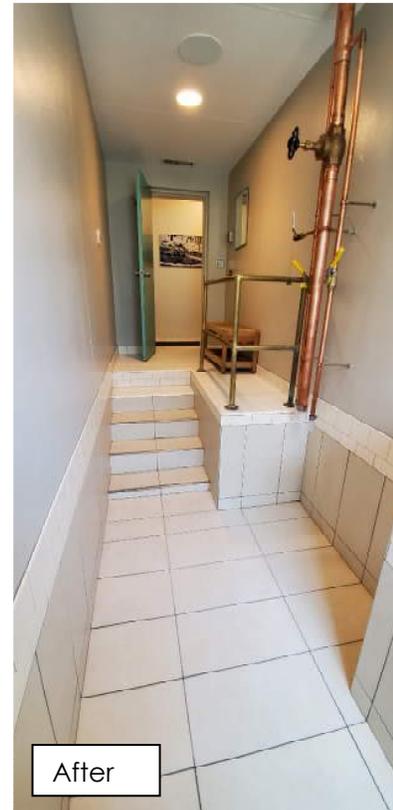
CONTACT:
Carolyn Mansberger
DNR Project Manager
304-558-2764



Montum Architecture, LLC

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BERKELEY SPRINGS STATE PARK OLD ROMAN BATHHOUSE RENOVATIONS



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

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Descriptions of Past Projects Completed – Addition/Renovation

Panhandle Area Transit Authority

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Alarm
- Tel/Data

Estimated Budget: \$500k

Facility Area: 3,200 ft²

Owner: Panhandle Area Transit



The PANTRAN facility is a combination office and bus service facility which had grown beyond its existing space functionality. A new addition increases office space and permits the aggregation of some underutilized spaces into a conference and training room. The addition and renovation incorporated several technical facets. The mechanical spaces and accesses are mostly fixed, so the system had to be designed to coordinate with the existing building. The owner requested that the existing HVAC system be replaced with a newer system incorporating more control, as occupant comfort has been an ongoing issue. By using single action variable air systems, the occupant comfort is increased at a reasonable cost. The system does not require a complex control system as more complex variable air systems often do. The renovation included converting part of the facility to a training area/conference room. Utilities also had to be relocated and new electric and data/phone wiring was installed in the renovation sections.

Project Contact:
Rick Colebank, PE
ALPHA Associates
(304) 296-8216

Descriptions of Past Projects Completed – Electrical

Potomac Valley Transit Authority Generator

Petersburg, WV

Services Provided:

- Backup Power

Electrical Budget: \$74K

Facility Area: Approx 10,000 sq ft

Owner: Potomac Valley Transit Authority



PROJECT GOAL:

Provide Generator to handle facilities operations.

MEI reviewed the existing drawings, distribution, and utility usage bills to determine 150kW generator could handle the entire facility. A service rated transfer switch was installed over a weekend to limit disruption to operations.

Miller Engineering was called back to the Potomac Valley Transit Authority to design a backup power system for the facility which is comprised of bus garages, dispatch, and office space. When evaluating the existing electrical distribution, it was determined that a whole facility generator would be the most cost effective, opposed to breaking out circuits and installing emergency distribution equipment. MEI worked with the PVTA staff to determine a location which would not interfere with bus routing and be above the flood plain. A new service rated automatic transfer switch was installed. The new ATS was installed over a weekend to keep the garage in operation. The project was placed to bid and successfully completed in September of 2017.

Project Contact:
J. Douglas Carter
Potomac Valley Transit Authority
(304) 257-1414

Descriptions of Past Projects Completed – MEP

Freedom Automotive Dealerships

Granville, WV & Bridgeport, WV

Services Provided:

- HVAC
- Electrical
- Plumbing
- Building Automation
- Fire Protection
- Fire Alarm

MEP Budget: \$3.6M

Owner: Freedom Automotive



PROJECT GOALS:

Design all three dealerships to act as a campus.

MEI integrated the BAS, security, fire alarm, and utilities to all tie from Kia and VW to Ford. This required extensive coordination between all three building models to ensure the interconnecting elements were installed properly.

Miller Engineering was the MEP consultant for three new dealerships from Freedom Automotive: Ford, Kia, & Volkswagen. Each facility required a complete design of HVAC, plumbing, electric, fire protection, fire alarm, and communications for the showrooms, offices, service departments, and support spaces. The dealerships are a "campus" in which the Ford dealership acts as the main building, and sub-feeds to Kia and Volkswagen. This required MEI to design interconnecting utilities between buildings. The Ford dealership utilizes waste oil boilers which use old oil as a heating source. The Ford dealership also uses radiant in-floor heating. All three building had to meet the owner's requirements in addition to meeting the requirements of Ford, Kia, & Volkswagen. Additionally, MEI & Alpha designed an additional Kia Dealership for Freedom Automotive in Clarksburg, WV. This facility was very similar to the Granville location, with the exception of being a stand-alone facility.

Project Contact:
Brian Gaudiano
Fairchance Construction
(724) 564-7485

Descriptions of Past Projects Completed – Fire Protection

Camp Dawson FMS4 Fire Protection

Kingwood, WV

Services Provided:

- Fire Protection

Budget: \$130K

Facility Area: 7,400 sq ft

Owner: WVARNG



FMS4 is a vehicle and equipment repair facility located on the Camp Dawson Army National Guard base located near Kingwood, WV. The 7,400 square foot facility includes 4,800 square feet of high bay service area, with the remaining area dedicated to office space, storage, and locker rooms. The facility contains bulk storage of oil and other equipment fluids, requiring fire protection. MEI was tasked with designing a fire protection system which would provide adequate coverage of FMS4 and meet applicable codes. Through research of NFPA 30 and NFPA 13, MEI was able to determine the size of the service and coverage requirements. MEI determined that by providing separation of the bulk storage from the rest of the facility, the fire protection service requirements could be reduced, eliminating a water service upgrade by the utility. Montum Architecture was brought on board to provide architectural support in regards to the separation of the bulk storage room and for the construction of the sprinkler room. The project was successfully completed in December 2019, one month ahead of schedule.

Project Contact:

Jim Skaggs

WV ARNG

(304) 561-6550

Project Experience: MEP

Cacapon Lodge Addition & Renovation

Services Provided:

- Electrical
- Plumbing
- HVAC
- Fire Alarm
- Fire Protection
- Pool

Estimated Budget: \$26M

Facility Area: 113,000 sq ft

Owner: WV Department of Natural Resources



Miller Engineering teamed with Paradigm Architecture to design the addition to the lodge at Cacapon State Park. The addition includes approximately 80 guest rooms, new kitchen and dining areas, a spa, indoor/outdoor pool, and support spaces. All of the utilities were upgraded. A new boiler / chiller plant will be installed with distribution to local air handling units. The electrical service includes an upgrade to 480V while using the existing distribution panels where possible as local branch panels. The existing registration, lobby, & approximately 40 guest rooms will also be renovated. The existing portion will also be renovated to accommodate new, upgraded laundry facilities to serve the entire lodge.

Project Contact:

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

Descriptions of Past Projects Completed – MEP

South Middle School HVAC Renovations

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Alarm

Contract Amount: \$1.45M

Facility Area: 111,800 ft²

Owner: Monongalia County Board of Education



PROJECT GOALS: Improve air quality and temperature controls. Limit school disruptions.

MEI designed retrofits to existing HVAC equipment which will allow the system to perform correctly. The project was detailed in phasing to permit some work to be performed during the school year during breaks and holidays to keep the school in operation.

South Middle School was served by a single DX AHU with various terminal devices such as VAV and self-piloted boxes. The school has been suffering from poor air quality and temperature control issues. Additionally, the condensing unit had failed. MEI designed a rebuild of the AHU; replacing the DX coils with HW and CW coils. The two large supply fans were replaced using a fan wall system which allowed the fans to operate at max output and minimize noise and vibration issues which plagued the old sled mounted fans. A new boiler serves the hot water coil and two chillers were installed with piping on the roof to serve the AHU cooling coil. The air terminal devices will be rebuilt and retrofitted to provide better control. A new Building Automation System (BAS) main control panel was installed which allowed control systems which were installed under other contracts to be incorporated to communicate under one system.

Project Contact:
Robert Ashcraft
Monongalia County Facilities
Phone: (304) 291-9210

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





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: 948938		Reason for Modification:	
Doc Description: Mountain Transit Authority Upgrade and modification			
Proc Type: Central Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-11-18	2021-12-14 13:30	CEOI 0805 PTR2200000001	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 :
State : West Virginia **Country :** USA **Zip :** 26726
Principal Contact : Thomas Pritts, AIA
Vendor Contact Phone: 304-276-7151 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Jessica L Hovanec
 304-558-2314
 jessica.l.hovanec@wv.gov

Vendor
 Signature X 

FEIN# 82-1385831

DATE December 14, 2021

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)
55 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.

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.

Montum Architecture, LLC

(Company)

 _____, Member

(Authorized Signature) (Representative Name, Title)

Thomas Pritts, Member

(Printed Name and Title of Authorized Representative)

December 14, 2021

(Date)

304-276-7151

(Phone Number) (Fax Number)

EXPRESSION OF INTEREST
Mountain Transit Authority Upgrade and Expansion

BID FORM #1

BID FORM – SUBMITTED WITH BID

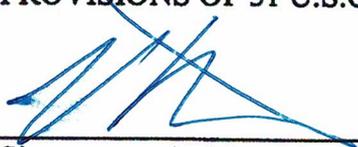
**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract),
Montum Architecture, LLC (COMPANY NAME) certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),
Montum Architecture, LLC, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ. ARE APPLICABLE THERETO.


_____, Member
Signature and Title of Authorized Official

EXPRESSION OF INTEREST
Mountain Transit Authority Upgrade and Expansion

BID FORM #2
BID FORM – SUBMITTED WITH BID

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

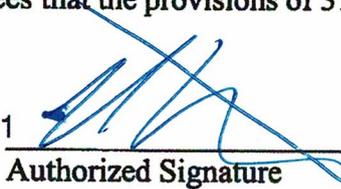
1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, or the extension, continuation, renewal, amendment, or modification of any Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance.
2. If any funds other than Federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with any application for a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, the undersigned assures that it will complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," Rev. 7-97; and
3. The undersigned understands that the language of this certification shall be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, sub agreements, and contracts under grants, loans (including a line of credit), cooperative agreements, loan guarantees, and loan insurance.

Undersigned understands that this certification is a material representation of fact upon which reliance is placed by the Federal government and that submission of this certification is a prerequisite for providing a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance for a transaction covered by 31 U.S.C. 1352. The undersigned also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The (Vendor, Contractor) Montum Architecture, LLC, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (Vendor, Contractor) understands and agrees that the provisions of 31 U.S.C. §§ 3801, et seq., apply to this certification and disclosure.

December 14, 2021

Date


Authorized Signature

Member

Title

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI PTR2200000001

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 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

December 14, 2021

Date

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