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Header 1

List View

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

Procurement Folder: 1017124

Procurement Type: Central Contract - Fixed Amt

Vendor ID:

Legal Name: MILLER ENGINEERING INC

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: 0211

SO Doc ID: GSD2200000004

Published Date: 3/16/22

Close Date: 4/6/22

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: 1017124
Solicitation Description: EOI: Building 3 Hydronic Boiler System Upgrade Project
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2022-04-06 13:30	SR 0211 ESR04052200000006109	1

VENDOR
000000229419
MILLER ENGINEERING INC

Solicitation Number: CEOI 0211 GSD2200000004

Total Bid: 0 **Response Date:** 2022-04-05 **Response Time:** 11:25:36

Comments:

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey
(304) 558-0094
melissa.k.pettrey@wv.gov

Vendor Signature X	FEIN#	DATE
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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	EOI: Building 3 Hydronic Boiler System Upgrade Project				0.00

Comm Code	Manufacturer	Specification	Model #
81101600			

Commodity Line Comments:

Extended Description:

EOI: Building 3 Hydronic Boiler System Upgrade Project



Expression of Interest
West Virginia –General Services Division
Building 3 Hydronic Boiler System Upgrade Project
CEOI GSD2200000004
April 6th, 2022



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

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The Miller Engineering Difference



We are very pleased to submit our response for the Building Three Hydronic Boiler System Upgrade Project. MEI has decided to propose as the prime consultant while utilizing Montum Architecture and CAS for architectural and structural support respectively. MEI regularly performs as a prime consultant for multiple clients including for the state of West Virginia. MEI is currently the acting prime consultant for GSD projects including the Elevator Modernizations Project and Capitol Complex Central Chiller Plant Modifications currently under construction and HVAC Upgrades to WV Buildings 25 and 54 currently in design. We have also delivered several projects as the prime consultant for WVGS D including B25 HVAC Piping Replacement and B22 Second Floor HVAC Modifications.

We're not your typical MEP firm; we ensure our designs meet very specific, time-tested criteria, including but not limited to being constructible, operable and maintainable. Based on the EOI, we see those methodologies as valuable to GSD on the project. Our hands-on staff takes great pride in their construction and operations backgrounds, which helps visualize the project as it would be built instead of just lines on paper. We perform takeoff level cost estimating whenever possible and some level of commissioning occurs on each project, due to our "boots on the ground" construction administration approach.

While MEI utilizes many system types for HVAC, we are very experienced in Hydronic systems including boilers. The EOI mentions the current system is steam and the Owner intends to convert the facility of a Hydronic hot water system. MEI has performed similar conversions including Blackwater Falls Lodge where MEI converted the fuel oil fired steam boilers to propane fired, Hydronic boilers which greatly improved reliability and energy efficiency. We have used modulating boilers in many facilities including WV Building 25.

The EOI mentions evaluating options for locations for the boiler. Montum and CAS will assist us in evaluating, recommending, and designing the boiler rooms. MEI has worked with Montum and CAS to perform similar scopes of work including building a code compliant boiler room in the aforementioned Blackwater Falls Lodge. Montum and CAS also have extensive experience working with state entities including WV General Services Division to understand the requirements of the state. All three consultants have successfully delivered several projects as a team, with each member acting as both the prime consultant and as a sub-consultant to the other team members. We believe this team communicates well and have a great understanding of each other to complete this project successfully.

MEI would once again like to thank you for the opportunity to submit on the Building Three Hydronic Boiler System Upgrade Project. We would like to wish best of luck on the project and hope to speak with you in the near future.

Best regards,

A handwritten signature in blue ink, appearing to read 'Craig Miller', with a long horizontal flourish extending to the right.

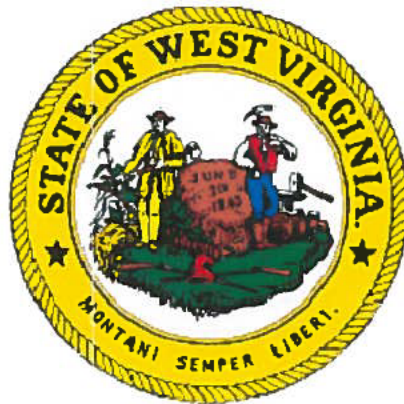
Craig Miller

President/Owner

Miller Engineering, Inc.



TAB 1 – FIRM PROFILES





Firm Profile

MILLER ENGINEERING is a solely held (S) corporation owned by Craig Miller PE, President. The corporation maintains a Certificate of Authority with the WV State PE Board and has carried professional liability insurance since its inception. Neither the firm nor its professional engineers have ever faced disciplinary action in any form from the states in which they are registered.

Our engineered solutions involve a detailed assessment process. We approach each and every project with the guiding principle that buildings are designed to be livable and function in their intended purpose with reasonable maintenance. Neither the firm nor its professional engineers have ever faced disciplinary action in any form from the states in which they are registered.

Over the past 18 years Miller Engineering, Inc. (MEI) has engineered solutions in MEP 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 10 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 facilities operations.

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
- Building Information Modeling

HVAC Design

Commerical, Institutional
Educational
Bldg, and District Chiller Plants
Plumbing and Piping

Construction Administration

Maintenance/Facility Plans
Contract Administration
Code Observation

Communication System

Intercomm & Public
AddressVoice/Data/CATV

Energy

Power Supply (Main/ Standby)
Green & Renewable Consulting
Systems Utilization & Upgrades
Emergency Power systems

Facility Utilization

Energy Conservation Projects
Adaptive Re-use
Planning/Life-Cycle Control
Engineered Replacement
Life Safety, Fire Alarm/ Sprinkler
Access Control
Emergency Response

Industry Experience

Education
Local & State Government
Commercial Development
Healthcare
Department of Parks &
Recreation
Industrial



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

<u>Craig Miller, PE</u>	President, Principal in Charge
<u>Travis Taylor, PE</u>	Lead MEP Engineer
<u>Joseph Machnik</u>	Designer / BIM Coordinator
<u>Jack Jamison</u>	Code Review

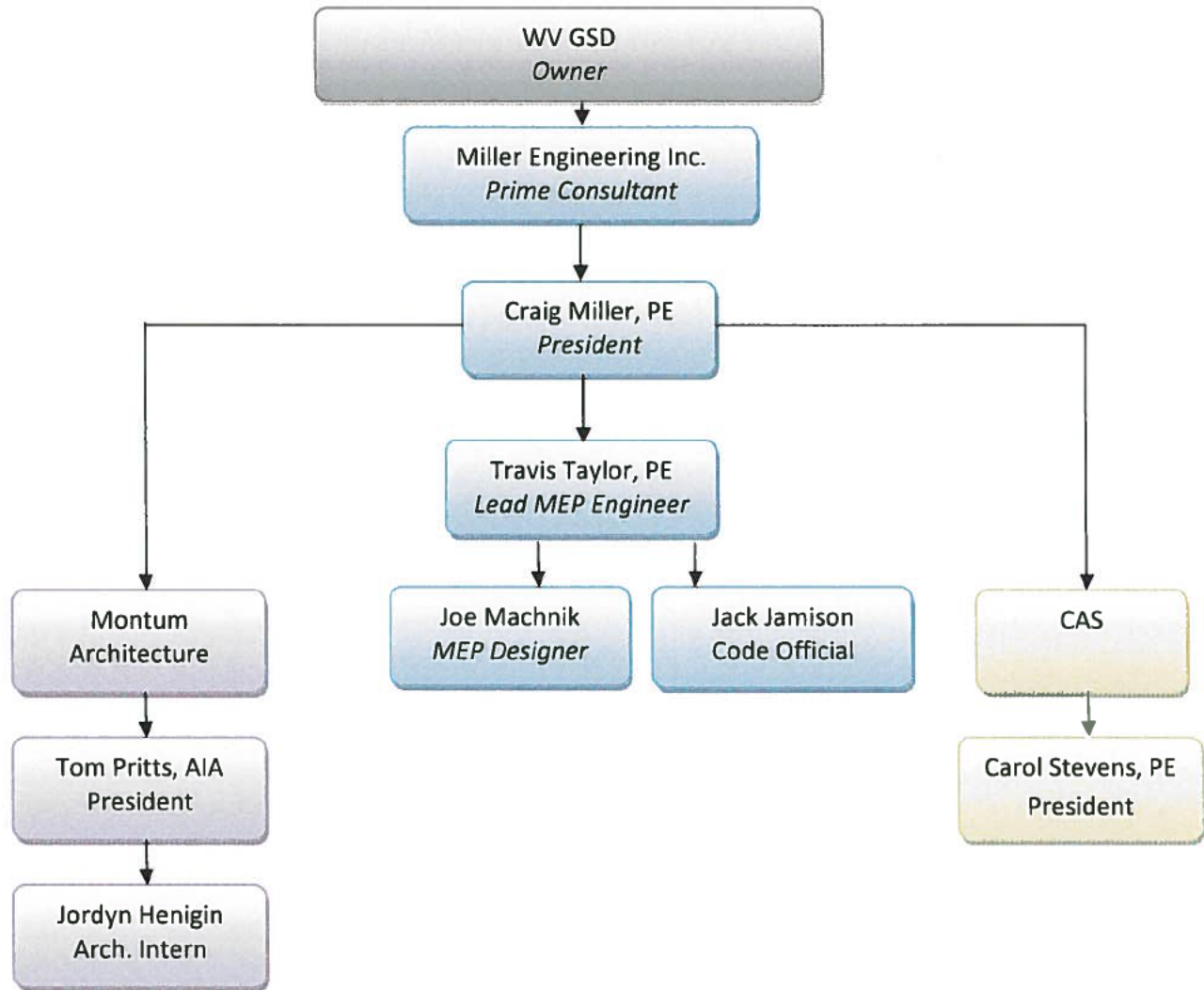
MONTUM ARCHITECTURE

<u>Tom Pritts, AIA</u>	Architect, Owner
<u>Jordyn Henigin</u>	Architectural Intern

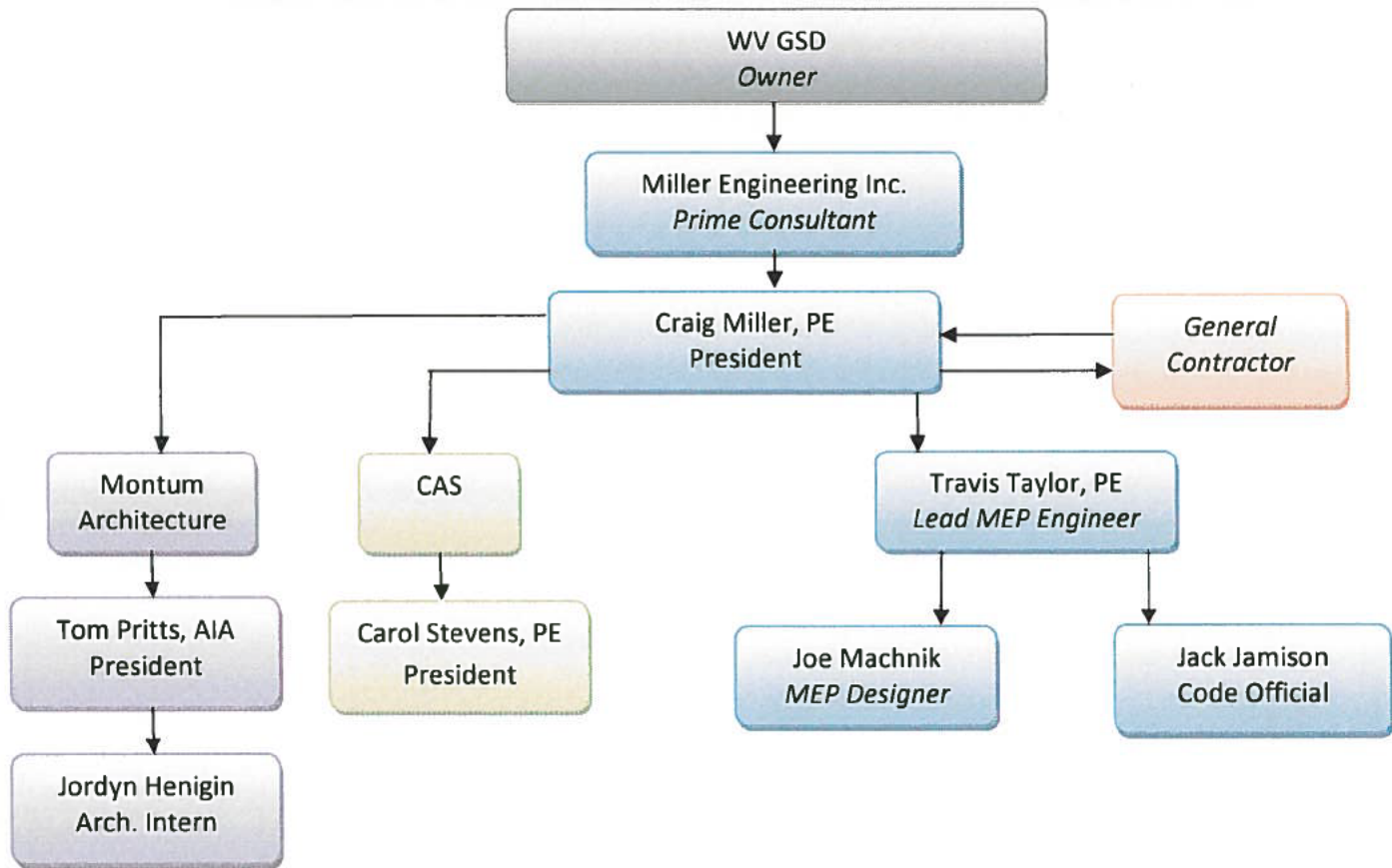
CAS STRUCTURAL ENGINEERING

<u>Carol A. Stevens, PE</u>	President
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Organization Chart -Design



Organization Chart – Construction





TAB 2 – GOALS



Building Three Hydronic Boiler System Upgrade Project

Project Goals

PROJECT GOALS

Miller Engineering has reviewed the project description under Section Three of the Expression of Interest and offers the following outline of project approach concepts, methodologies, core-values, and prior pertinent experience. Note that the project data sheets in section four (4) further describe many of the projects referenced in this section.

Goal One – Survey Existing System / Convert from Steam to Water

A significant portion of MEI's projects revolve around HVAC renovations. The beginning of the design process of each HVAC renovation starts with evaluating the existing system. This includes reviewing all existing documentation consisting of any available drawings and O&M manuals. MEI also performs an extensive field review of the HVAC systems and installation. The field review verifies equipment types and capacities, sizing and routing of piping and ductwork, and control methodologies and sequences. Once the existing site conditions are documented and the initial HVAC intent is understood, MEI computer models the building to confirm the buildings heating loads, cooling loads, and ventilation demands. This is compared to the existing conditions to determine the extent of modifications, in this case, with a focus on heating.

HVAC renovations of this type are not always limited to just replacing equipment and adjusting flows and capacities. MEI has completed projects where the building's HVAC systems' fluid type was converted, primarily for freeze protection air handling units with a significant outside air load or in the case of the Energy Recovery Units, should the electric preheat fail. Generally, piping is sized such that existing hot water heating piping can be re-used, but this would need verified. We have also converted older steam heating systems with hot water, which usually involves piping changes of greater magnitude. Reasons for this conversion include increased thermal efficiency, removing a building from a plant steam system, simpler maintenance, and easier availability of hot water components opposed to steam heating.

Prior to making the decision to convert any system source, due diligence must occur to fully understand the existing building and its operation. Items to consider include changes to the footprint needed for the new equipment and controls. An example of the steam to hot water conversion MEI recently performed was Blackwater Falls Lodge. The detailed survey of the lodge's heating system revealed it was a hybrid (part steam, part hot water) served by old, inefficient, fuel fired steam boilers. Over the years, several of the branch heating loops were converted previously by the use of steam to hot water heat exchangers to attempt to gain better control. We evaluated the heating loads of the building to determine the proper sizing of the new hot water boilers. An existing make-up air unit's steam heating coil had to be replaced with a new glycol hot water coil, and its supply piping replaced. MEI designed a new boiler plant consisting of boilers, pumps, and system loop. We designed a subsequent project three years later (of which we were aware was a possibility) that replaced the rest of the heating system, and integrated back to the boilers we previously installed with no problems. Some other examples where MEI designed HVAC renovations with a similar system conversion include:

- Alderson Broadus Withers Hall HVAC Renovation (HW/CW Coils to WSHP)
- Morgantown City Hall Boiler Replacement (Steam to HW)

- Cheat Lake Elementary School (Steam to HW)

Goal Two – Selection of New Boiler Plant Location

Building 3 will require a location to be converted to a boiler room. MEI will work with the owner to identify potential locations for the boiler rooms. There are several items to consider. One thing to consider is combustion air and exhaust air for the boilers. The boilers are required to have a minimum available volume of air for boiler combustion air. Modern condensing boilers typically required or prefer combustion intake and exhaust piping to the building exterior. Boiler manufacturers have limitations of the total length of exhaust and limitations on offsets which add a factor to consider in the boiler room location. MEI will also consider how the boiler exhausts the building as exhaust must meet code clearances from any outdoor air intakes or building openings. This building has intakes on the roof and at ground level which must be considered. Another consideration affecting boiler room location will be how the new boilers will interconnect to the existing hot water loop piping. The further the boiler room is from the existing steam to hot water heat exchanger and the 8" main HW piping, the more large piping may be required, affecting cost and ease of installation. If a location recommendation is requested, we will provide it based on the available information. Ultimately, the decision for boiler location is an Owner decision based on the construction realities and costs we develop and present.

Outside of mechanical requirements, boiler rooms have building code and life safety requirements as well. The room will require proper egress and fire separation. MEI will work with Montum and CAS in evaluating what architectural and structural modifications will be needed for the different boiler room location options.

MEI has created boiler rooms in the past. A recent example is for WV State Building 25. The existing boilers were located in the basement. The exhaust breeching had to extend up through the roof above the 6th floor and worked poorly. MEI worked with the owner and architect to determine that an area on the 7th level mezzanine could be allocated for a boiler room. Relocating the boiler to the 7th level allowed the boiler to have proper combustion and exhaust air flow. The water piping was extended up to this level to connect the new boilers to the main loop. Other project where MEI created new boiler rooms include:

- Blackwater Falls Lodge Boiler Replacement
- Morgantown High School Area 4 HVAC Renovation

Goal Three – New Natural Gas Utility

As Building 3 will be disconnected from the Capitol steam plant, a new natural gas service will be required to serve the boilers. MEI will work with the owner and utility to determine the heating load and service size entering Building 3. MEI will need to determine where the existing natural gas lines are located in the complex and determine routing into Building 3. One consideration that must be taken include how installing the new line could disrupt vehicle and pedestrian traffic if the new installation involves excavating in the roads and sidewalks. Where the line enters Building 3 could also affect the aesthetic so its service entrance must be located to not become an eyesore, and must also meet the access requirements by the gas company. The new gas service installation will need to be installed to avoid disruption to the building operations. MEI will coordinate the installation with both the contractor, Owner, and gas company, to design and sequence the gas line installation to minimize this disruption both externally and internally to the building.

Recently on the Capitol Complex, MEI designed the new modifications to the Capitol Chiller Plant. The project consisted of new natural gas generators and a new building to house the electrical equipment and pumps needed for the upgrades. A new gas service was extended to the three generators and building after verifying the sufficiency of the local gas service during our preliminary study. The two larger 1 MW generators required the service be a 5 psi service opposed to the typical ½ psi service. The 5 psi service was established at the corner of the property with the regulator, meter, and stop valve at the new building, as required by the gas company. For the 750kW generator and the building, a second regulator was installed at each to step the pressure down to where it was usable by the equipment it served. This installation had to be coordinated with the Utility and the Owner due to the presence of existing buried utilities. Other examples of projects where MEI designed the natural gas or propane service to the facility include:

- Blackwater Falls Boiler Replacement
- WV DOH D7 Lab & Multipurpose Building
- Cacapon Resort Lodge Addition and Renovation

Goal Four – Compliance with State of WV Requirements

MEI has completed many projects serving as the prime consultant. As such, this role requires us to operate within the procedures of the owner. We have served in this role many times for various state entities including the WV Division of Natural Resources, WV Army National Guard, and WV General Services Division. MEI works with these state agencies to ensure bidding and procurement procedures are included in the project documents. These include bid forms, AIA General Conditions, WV Supplementary Conditions, State Safety Protocols, and various other AIA documents required by WV Purchasing.

Once the project has been awarded and under construction, MEI will perform construction administration (CA) services. MEI's staff have backgrounds in construction in maintenance, providing insight into the construction and contractor's processes. We believe in performing both formal and informal site visits. Early on, MEI will require the contractor to provide a detailed construction schedule broken out by each trade and milestones clearly indicated. The contractor will be required to keep the schedule updated and inform the owner of items which are behind schedule with a plan how to get back on track. MEI understands that delays in responses can lead to schedule and cost overruns. Our staff places priority on reviewing and responding quickly to RFIs and RFCOs to reduce delays in the contract schedule.

MEI has successfully delivered many projects as the prime consultant for the state entities listed previously. These projects were bid and constructed using the requirements and within the guidelines of WV State Purchasing rules. Some examples of these projects include:

- WV State Building 25 HVAC Piping Replacement
- Capitol Complex Chiller Plant Modifications
- WV DOA Ripley Warehouse Emergency Generators
- Pipestem State Park McKeever Lodge Piping Replacement
- Camp Dawson FMS4 Fire Protection

Goals Discussion

MEI has a working history of the building in terms of evaluating the new systems that were installed some 7 years ago. In 2020, MEI performed an assessment of the building related to

ventilation and COVID concerns and made recommendations along those lines. The evaluation gave us a good general working knowledge of the building and its HVAC systems, including chilled and hot water systems. The most obvious point that jumps out as we prepare this response is the steam convertor creating the hot water for the building which will be replaced by gas fired boilers. By its scheduled flowrate and water delta T, it has a capacity of some 18 million BTUs / hr. A preliminary model done for the chiller plant project shows a heating load of approximately 4 million BTUs / hr. The difference in the numbers will need to be pursued to ensure the new HW boiler plant selection results in a reasonably sized plant in terms of first cost, with reasonable redundancy. Sizing of the plant, and the number of boilers required, may be a factor in its ultimate location. Presuming the intent is to use high efficiency, condensing natural gas boilers, the boiler room footprint required will be driven by the sizing, associated equipment, and service clearances. The availability of existing, or the ability to create, vertical chases either for gas supply piping, hot water piping, or exhaust (if the basement is considered as an option) may be a factor in the final decision or affect when chase construction would occur, probably on off-hours shifts to minimize Owner impact. The sample of items in this section demonstrate the need for detailed interactions and discussions of options between the Owner and the design team.



TAB 3 –STAFF QUALIFICATIONS





B. Craig Miller, PE

Craig founded Miller Engineering in 2003, and serves as President and Principal Engineer. He has more than 25 years of experience in design, specification, operations and project management. Since forming Miller Engineering, he has implemented hundreds of project with an emphasis on facility renovation. His broad experience runs the gambit of facility and client types. 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 "LEAD Reviewer" for Miller Engineering as the main communication interface between the Owner, the Owner's design team, and if third party CA occurs, contractors.

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 GSD Building 3,11,54, 86 IAQ Assessment
- WV GSD Building 25 Humidity and Ventilation Assessment
- WVU Life Sciences Building and Student Recreation Center – Owner's Engineer
- Hawks Nest/Twin Falls HVAC
- Mapletown High School HVAC Replacement Phase I & II
- Advanced Surgical Hospital
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Beech Fork State Park – MEP New Construction Design
- Canaan Lodge Addition Third Party CA

Professional History

2003- Present	Miller Engineering, Inc.	President, Relationship Manager, Engineer of Record
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)
- 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 Shippensburg 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. Travis will backup Craig as review on this project and will direct the staff as required to support the review effort.

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

- Blackwater Falls Lodge Boiler Replacement
- MTEC Welding Shop
- WV State Building 36 HVAC Upgrades
- WV State Building 25 HVAC Piping Replacement
- Graftek Steam Systems Evaluations and Modifications
- Bobtown Elementary School HVAC Upgrades
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Pipestem Lodge McKeever Lodge HVAC Piping Replacement

Professional History

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

Education

2006 West Virginia University, BS – Mechanical Engineering

Licenses and Certifications

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

Staff – Qualifications and Experience



Jack Jamison

Jack brings 20 years as an electrical/building inspector and over 25 years of experience in the commercial electrical construction industry. His knowledge and experience are valuable resources to Miller's complete assessment process.

Project Role: Master Code Official

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

Professional History

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

Education

1971 Fairmont State College, BS-Engineering Technology-Electronics

Licenses and Certifications

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



Joseph Machnik

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

Project Role: MEP Designer

- *Revit/CADD Coordination of New Construction and Renovation Designs*
- *Building Information Modeling 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 36 HVAC Upgrades
- 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 – Shippenburg Pump Company – Steam Systems Training



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

Tom founded MontumArchitecture in 2017. He has more than 15 years experience in design, specification, and project management. During his former employment, Tomhas 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 East High School HVAC Renovation – Wyoming County Schools, WV
- Mountainview and MTEC HVAC Renovation – Monongalia County Schools, WV
- Berkeley Springs State Park – Pool Bathhouse Roof Replacement
- Berkeley Springs State Park – Old Roman Bath Renovation
- Blackwater Falls State Park – Boiler Room Renovation
- Our Lady of the Mountains Parish – Bathroom Renovation
- Mountain View Assembly of God – Rec Hall Ceiling Design



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, Architectural Intern

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 become a licensed Architect.

Project Role: Architectural Intern

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

Professional History

2020- Present	Montum Architecture	Architectural Intern
---------------	---------------------	----------------------

Education

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

Licenses and Certifications

- LEED-Green Associate

Associations and Memberships

- American Institute of Architecture Students



Carol A. Stevens, PE, F.ASCE

Structural Engineer

EDUCATION

West Virginia University, BSCE, 1984
Chi Epsilon National Civil Engineering Honorary
The Pennsylvania State University, ME Eng Sci, 1989

PROFESSIONAL REGISTRATION

P.E.	1990	Pennsylvania
P.E.	1991	West Virginia
P.E.	1994	Maryland
P.E.	2008	Ohio
P.E.	2010	Kentucky
P.E.	2013	Virginia

BACKGROUND SUMMARY

2001 – Present	President, Structural Engineer CAS Structural Engineering, Inc.
1999 – 2001	Structural Engineer Clingenpeel/McBrayer & Assoc, Inc.
1996 – 1999	Transportation Department Manager Structural Engineer Chapman Technical Group, Inc.
1995 – 1996	Structural Engineer Alpha Associates, Inc.
1988 – 1995	Structural Department Manager Structural Engineer NuTec Design Associates, Inc.
1982 – 1988	Engineer AAI Corporation, Inc.

PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers
National Society of Professional Engineers
American Concrete Institute
American Institute of Steel Construction
West Virginia University Department of Civil and
Environmental Engineering Advisory Committee
West Virginia University Institute of Technology
Department of Civil Engineering Advisory Committee

EXPERIENCE

West Virginia, Odd Fellows Structural Repairs: Structural evaluation report and construction documents for repairs to foundations and slabs for historic building located in downtown Charleston, WV.

West Virginia, Great Escape Theater: Investigation and evaluations report followed by preparation of construction documents for foundation and concrete slab stabilization for existing move theater structure.

West Virginia, State Capitol Complex, Main Capitol Building Dome: Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on the National Register of Historic Places and was constructed in the 1930's. Received a NYAIA Merit Award for Design Excellence.

West Virginia, State Capitol Complex, Main Capitol Building Exterior Façade Restoration: Investigation and preparation of details for repairs to limestone and terra cotta exterior façade. Building is on the National Register of Historic Places and was constructed in the 1920's and 1930's.

West Virginia, Roane County Courthouse: Structural analysis of existing floor framing for addition of new high-density file storage system on upper floor level.

West Virginia, Lewis County Courthouse: Structural investigation for work required to update structure and apply for grant monies through WVCFIA.

West Virginia, Tucker County Courthouse: Structural investigation for work required to update structure and apply for grant monies through WVCFIA.

West Virginia, Boone County Courthouse: Structural analysis of existing floor framing for addition of high-density file storage systems at different locations.

West Virginia, Gilmer County Courthouse: Structural analysis of existing floor framing for addition of high-density file storage system on upper floor level.

West Virginia, First Presbyterian Church Restoration: Structural renovations of steel in lantern level and terra cotta cornice, overview of repairs to limestone and terra cotta façade of 1920's structure.

West Virginia, State Capitol Complex, Governor's Mansion: Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

West Virginia, State Capitol Complex, Building 5: Structural design and analysis for support of new boilers and other mechanical equipment to be placed in mechanical penthouse.

West Virginia, State Capitol Complex, Building 7: Investigation and development of Construction Documents for new elevators.

West Virginia, State Capitol Complex, Building 3: Structural design and construction administration of repairs to limestone canopy. Building is eligible to be placed on National Register of Historic Places and was constructed in the 1950's.

West Virginia, Upshur County Courthouse: Developed construction documents for structural repairs to main entrance, dome and monumental sandstone columns of

1899 structure. Work was recently completed and received a WVAIA Honor Award for Design Excellence.

West Virginia, State Capitol Complex, Governor's Mansion: Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

Ohio, Mahoning County Courthouse: Completed preliminary structural observation report of exterior façade conditions to recommend phased repairs for terra cotta and granite façade. Building is on the National Register of Historic Places and was constructed in the early 1900's.

PREVIOUS EXPERIENCE

West Virginia, State Capitol Building, North Portico Steps: Designed structural system to replace deteriorated reinforced concrete slab at landing on north side of Capitol steps. Building is on the National Register of Historic Places and was constructed in the 1930's.

West Virginia, Upshur County Courthouse Annex: Performed structural evaluation and design for repairs to existing multi-story Annex addition.

Staff – Licenses & Certifications

Attached is your wallet card, evidence of your current registration to practice architecture in West Virginia. You will receive a renewal notice prior to the expiration date indicated.

Certificate No: [REDACTED]

STATE OF WEST VIRGINIA
BOARD OF ARCHITECTS

SECRETARY
Carol A. Stevens

This Certifies that:
THOMAS PRITTS

is duly Registered and entitled to practice as a
REGISTERED ARCHITECT
until and including 06/30/2022

Attest *[Signature]* President

CERTIFICATE OF Authorization
STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

The West Virginia State Board of Registration for Professional Engineers hereby certifies that the person to whom this license is assigned to, West Virginia is a professional engineer for the state of West Virginia.

MILLER ENGINEERING, INC.

Engineer to Represent the Company **ARLEN C. MILLER - WV PE 011184**
has met and met the requirements of the West Virginia Code and is entitled to the issuance of a Certificate of Authorization. The Board hereby certifies that the person to whom this license is assigned to, West Virginia is a professional engineer for the state of West Virginia.

January 1, 2022 - December 31, 2023

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE HAVING A PROBLEM WITH THIS LICENSE, PLEASE CONTACT THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AT 202-255-4300. IF YOU ARE A MEMBER OF THE BOARD, PLEASE CONTACT THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AT 202-255-4300.

[Signature]
Board Secretary

West Virginia State Board of Registration
for Professional Engineers

CAROL A. STEVENS
WV PE [REDACTED]

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

EXPIRES December 31, 2022

West Virginia State Board of Registration
for Professional Engineers

BRIAN C. MILLER
WV PE [REDACTED]

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

EXPIRES December 31, 2022

West Virginia State Board of Registration
for Professional Engineers

TRAVIS W. TAYLOR
WV PE [REDACTED]

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

EXPIRES December 31, 2022

Hereby Certifies that

Jack E. Jamison, Jr.

has demonstrated professional qualifications through a written examination based on the National Electrical Code® along with successful completion of field practice and documented expertise in required categories and has hereby achieved certification as

Master Electrical Inspector

Effective through September 30, 2013

[Signature]
Secretary to the International Brotherhood of Electrical Workers

What our satisfied customers have to say...

"Hard working, do-whatever-it-takes, diligent team that provides excellent customer service is what you can expect from Miller Engineering."

--Chris Halterman, Dominion Post, Morgantown

"As a design/build team, working with Miller Engineering, our project involving a private surgical hospital together was a success – completed ahead of schedule and on budget. Miller worked with us throughout the project to consult, engineer and inspect the mechanical systems. Craig Miller, PE and his staff are working with us again, and are very important members of our design/build team. I highly recommend their services.

--Richard J. Briggs

Barrow Koslosky, AIA

*Chief of Planning,
Engineering &
Maintenance
WV Division of Natural
Resources
State Parks Section
324 4th Avenue
South Charleston, WV 25303
(304) 558-2764
barrow.a.koslosky@wv.gov*

Paul Braham

*Associate Director of
Maintenance & Engineering
Mylan Pharmaceuticals
781 Chestnut Ridge Road
Morgantown, WV 256505
412-519-9846
304-554-5626
Paul.Braham@mylan.com*

Bill Barry

*Director
WV General Services Div.
401 California Ave.
Building 4, 5th Floor
Charleston, WV 25305
(304) 558-1808
William.d.barry@wv.gov*

Bob Ashcraft

*Safety and Ancillary Projects
Monongalia County Schools
533 East Brockway Street
Morgantown, WV 26501
(304) 276-0152
rbashcraft@access.k12.wv.us*

Dave Parsons

*Energy Program Manager
WV General Services
112 California Avenue
Building 4, 5th Floor
Charleston, WV 25305
(304) 957-7122
David.K.Parsons@wv.gov*

Richard J. Briggs

*Vice President
Lutz Briggs Schultz & Assoc. Inc.
239 Country Club Drive
Ellwood City, PA 16117-5007
(724) 651-4406
lbsa@zoominternet.net*

From Jonathan Miller, Mechanical Project Manager, Nitro Mechanical:

"Miller Engineering is not your average engineering company; they work with the owner AND the contractor to solve all issues that arise throughout the project to make the process as fluid as possible"



301 north mercer street
new castle, pa 16101
p 724.652.6507
f 724.652.0751

February 7, 2020

RE: Letter of Reference Miller Engineering

To whom it may concern

I am writing this letter of reference on behalf of Craig Miller, Miller Engineering, Inc., Morgantown, WV. My company, Eckles Construction Services, Inc. has been providing Clerk of the Works services for the Monongalia County Board of Education for the past five years. We have worked on various projects, ranging from additions and renovations to new building construction, during our involvement with the county. Those projects have been designed by different Architectural and Engineering design teams. Most of the projects have also received SBA funding.

It has been our privilege and pleasure to work with Craig and his team on four projects during that time; two of which received partial SBA funding. Mr. Miller is extremely knowledgeable regarding MEP systems and their operation. He is perhaps the most hands on engineer I have encountered in my 27 years of related school construction in both Pennsylvania and West Virginia. More importantly Miller Engineering is very responsive to the contractors needs during the construction process.

I would not hesitate to recommend Miller Engineering as the Design Professional for your project.

Regards,

A handwritten signature in blue ink, appearing to read "Kenneth Holsopple", is written over the printed name.

Kenneth Holsopple

President

PENNINGTON PLUMBING & HEATING INC.

301 George St. Beckley WV 25801

License WV 001456

April 17, 2019

To Whom it May Concern,

Re: Miller Engineering Design Firm

Pennington Plumbing & Heating has worked with Miller Engineering on numerous projects throughout the years, ranging in size from several hundred thousand dollars to several million. We have always found their firm to be professional, competent, and helpful.

We have found that they are always available to help on challenging situations on different projects, and their designs have had great success on the projects that we have been involved with. They have the capability to handle MEP designs of any size and are always open to modifications that allow the owner to save time and money while maintaining the highest quality and design intent.

We would have no issue recommending their firm to building owners seeking design and construction administration.

Should you have any questions please do not hesitate to contact me.

Best Regards,

Eric Mahaffey
President.



June 6, 2018

RE: Miller Engineering

To Whom it May Concern,

I have worked on several project with Miller Engineering, over the last few years. Craig Miller and his staff are some of the most detail-oriented engineers I have met. They take extra time, and care, to ensure that their design meets the requirements set forth by the owner and that trades are coordinated properly. Their staff make routine visits to the jobsite to ensure the quality of installation meets their specified standards.

Miller Engineering is also willing to help with value engineering, if required, to meet budgets. However, they are not willing to sacrifice the quality, set forth, in their original design standards. This is an admirable trait in today's engineering world. Many times, value engineering is done without the original designer's review or they may allow substandard products and quality is sacrificed as a result.

In closing, Craig Miller always states that "working with them is different". He's correct. In a world where things are done with little input or involvement by the engineering firm during construction, they stand out as a firm who truly cares. They put thought into their design and the functionality of buildings and the results speak for themselves. Their designs are quality and built to last.

Brian D. Gaudiano

Vice President



P.O. Box 558
2155 Park Avenue
Washington, PA 15301

General Construction & Consulting

Phone 724/229-0119
Fax 724/225-1180

To whom it may concern,

As the Vice-President and Lead Project Manager of MacBracey Corporation, a commercial and industrial general contractor located in Washington, PA, I am writing to support and endorse Miller Engineering and their ability to provide construction design services as well as project management.

MacBracey has found Miller Engineering's drawings and specifications to be both thorough and accurate as to the in-field conditions. Any issues that have come about throughout a construction project Miller Engineering is quick to develop a corrective plan and ensured the project doesn't face delays.

I have found Miller Engineering to go above and beyond the industry standard throughout the entire construction process to make sure everything stayed on track. I have spoken with many members of Miller Engineering "after hours" to solve an issue that needed addressed by the following morning. This is a characteristic that you don't see with a lot of design teams.

I found the entire Miller Engineering team to be both knowledgeable and professional. We at MacBracey would enjoy the opportunity to work with Miller Engineering again in the future. It is truly refreshing to work with a design team that has a passion for the industry and is willing to work with everyone involved to ensure the project gets done correctly and in a timely manner.

Sincerely,

Patrick Bracey
Vice President,
MacBracey Corporation

Descriptions of Past Projects Completed – HVAC

Blackwater Falls State Park Lodge Boiler Replacement

Davis, WV

Services Provided:

- General Trades
- Plumbing
- Electrical
- Mechanical

Contract Amount: \$598K

Facility Area: 46,000 ft²

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



The existing fuel fired boilers serving the Blackwater Falls Lodge had reached the end of their serviceable life. MEI was tasked with designing a boiler replacement which involved keeping existing boilers active as Davis, WV has an extensive heating season. New propane fired stackable modulating condensing boilers were used. These boilers have a small footprint which allows the new boilers to be installed without any demolition to the existing boilers. The large electric water heaters were replaced with indirect water heaters fed from the new boilers. The existing boilers were steam with heat exchangers to hot water for the HVAC systems. New hot water supply and return headers were installed and the existing water piping was tied in. The smaller footprint allowed for the construction of a boiler room, leaving the existing boiler space to become a maintenance shop.

Project Contact:

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

Descriptions of Past Projects Completed – MEP

Morgantown High School Boiler Replacement/ Area 4 HVAC Renovation

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Alarm

Estimated Budget: \$1.0M

Contract Amount: \$1.038M

**Owner: Monongalia County Board of
Education**

Status: Complete



Morgantown High school, like others throughout the state, has seen many changes through the years. Unfortunately the steam boiler plant remained in operation but with little maintenance for a number of years. The 40 year old boilers had exceeded their operational life and were experiencing reliability issues. MEI Evaluated the boilers and the associated 80 year old steam systems, recommending their replacement. Steam heating control was a significant issue.

Previous projects installed split DX refrigerant based systems in several classrooms within the science and technology wing. These units were obsolete and required replacement with a more reliable system, which can meet current ventilation standards. Additionally, there were 3 classrooms, which were heating only with little or no controls that required additions to the overall solution for this section of the building. Based on the conditions of the steam systems piping and devices, new hot water boilers were installed.

This project was completed in late 2017.



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

Experience –Electrical & Mechanical

Capital Complex Chiller Plant Evaluation and Modifications

Services Provided:

- Evaluation – Study
- Electrical
- Mechanical
- Plumbing

Project Cost: \$7.26 mil

Facility Area: Approx. 7,500 ft²

Owner: WV GSD



The existing chiller plant serving the WV State Capital Complex is 20 years old. The

Owner wishes to reduce energy costs associated with the peak electrical demand metering applied to the plant's electrical service. MEI was retained to evaluate multiple options to reduce electrical demand, and thereby the operating costs.

The determined optimal solution is to use

large, medium voltage, natural gas generators which could operate select chillers during peak demand to reduce electrical peak demand. A 5kV switchgear will allow the select chillers and their respective pumps to operate under generator load when they are required to come online. A new 2,300 ft² building will

be constructed to house the new switchgear, pumps, and heat exchangers to allow the chillers to still operate as a plant. The project is currently in construction and anticipated to be completed in 2022.

Project Contact:

Dave Parsons

Energy Manager

WV GSD

112 California Ave.

Charleston, WV

304-957-7122

Project Experience: HVAC Upgrade

West Virginia State Building 25

Parkersburg, WV

Services Provided:

- Mechanical Piping
- Electric
- Construction Administration

Estimated Budget: \$843k

Facility Area: 58,500 ft²

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



The PVC piping system at Building 25 had a history of leaking, along with smaller piping sagging over time and breaking, prompting the owner to replace the entire system. The building was a logistic challenge to design due to offset multi-level mezzanines, resulting in low deck-to-deck heights in the lower levels. A new, rolled-groove piping system was installed, including a new cooling tower and supporting structure, and connected to the original boilers. To eliminate the problems associated with manganese, which forms solids and clogs piping, the system was converted from water to propylene glycol with the flow rates adjusted to accommodate the change. The water source heat pumps which serve the building were flushed and cleaned to prevent contamination of the new water. MEI designed a phased approach to accomplish the piping, which was adjusted in consultation with the owner and contractor during construction to minimize the impact on the building occupants, who remained in the building during the entire construction period. MEI worked on an almost daily basis with the contractor to accomplish the re-piping of the building, providing support and real-time answers to questions and to work around challenges.

Project Contact:

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

Descriptions of Past Projects Completed – HVAC Piping

Pipestem McKeever Lodge

Pipestem, WV

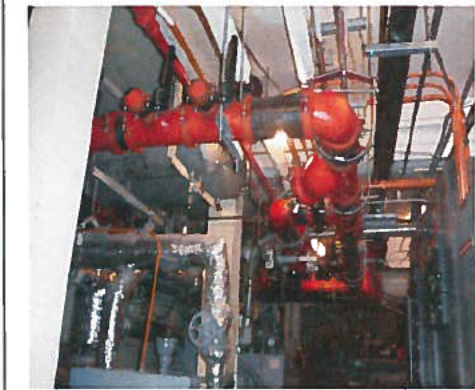
Services Provided:

- 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*



TAB 5 – PROJECT FORMS





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: 1017124			Reason for Modification:
Doc Description: EOI: Building 3 Hydronic Boiler System Upgrade Project			
Proc Type: Central Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-03-16	2022-04-06 13:30	CEOI 0211 GSD2200000004	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name :

Address :

Street :

City :

State :

Country :

Zip :

Principal Contact :

Vendor Contact Phone:

Extension:

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey
(304) 558-0094
melissa.k.pettrey@wv.gov

**Vendor
Signature X**

FEIN# -1386

DATE 04/05/2022

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.



(Name, Title)

Craig Miller, PE - President

(Printed Name and Title)

54 West Run Rd. Morgantown, WV 26508

(Address)

304-291-2234

(Phone Number) / (Fax Number)

cmiller@millereeng.net

(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.

Miller Engineering, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Craig Miller PE - President

(Printed Name and Title of Authorized Representative)

04/05/2022

(Date)

304-291-2234

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Miller Engineering, Inc.

Authorized Signature: [Signature] Date: 04/05/2022

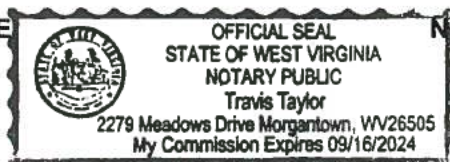
State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 5th day of April, 2022.

My Commission expires September 16th, 2024.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)