

**Public Service
Commission
Restroom Renovation**

May 21, 2015

EXPRESSION OF INTEREST



05/20/15 09:44:49
MW Purchasing Division

think **Alpha** first.com

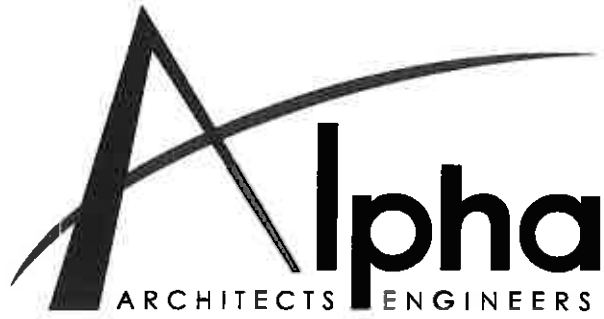
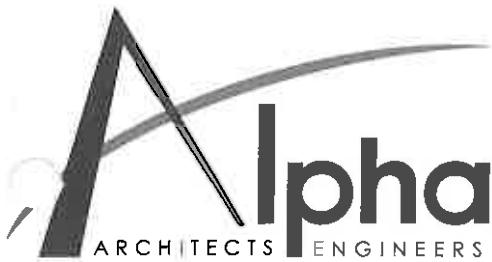


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May 21, 2015

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

ATTN: Ms. Laura Hooper

**RE: Solicitation PSC1500000020
Public Service Commission Restroom Renovations**

Dear Ms. Hooper,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide professional architectural and engineering services for Restroom Renovations for the Public Service Commission Agency Headquarters Building in Charleston, West Virginia. Alpha has a tremendous amount of experience with renovation projects throughout West Virginia and we would welcome the opportunity to put our expertise and experience to work for the Public Service Commission.

Alpha Associates is a West Virginia owned and operated firm. For more than 46 years, we have provided professional Architectural, Engineering and Surveying services for a wide variety of public and private clients across the State. Alpha's renovation projects have included upgrading various areas, both internal and external, to meet ADA requirements. Many of those projects have included restroom renovations. Alpha has completed numerous restroom renovations for office buildings, schools, recreational facilities and many others. Additional information for Alpha's past projects and more are included herein.

Your dedicated design team will be managed by Ms. Rebecca Key, AIA, LEED-AP. Rebecca is the lead Architect in Alpha's Charleston office, which is located just minutes away from the Agency Headquarters Building. She has over 37 years of architectural design experience and has completed multiple projects for the State of West Virginia. Alpha is confident that our team of experienced professionals can help you to upgrade/renovate the existing restrooms to not only meet the current building standards and codes and ADA requirements, but also to meet the Public Service Commission's needs. Resumes for Rebecca and the rest of your dedicated design team are included herein.

In order to give you a complete project team that can complete all aspects of your renovation project, Alpha has partnered with Miller Engineering for all Mechanical, Electrical, and Plumbing services that will arise throughout any projects over the term of the agreement. Alpha and Miller have teamed on countless engineering projects over the years, and our close working relationship will provide the Public Service Commission a cohesive and efficient design team.

The Alpha Team is committed to providing the Public Service Commission with a dedicated team of professionals who will make the Restroom Renovations at the Agency Headquarters Building a priority. If you have any questions or require additional information please contact me at 304-296-8216 Ext. 102. We look forward to sharing additional information with you in a personal interview.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED



Richard A. Colebank, PE, PS
President and COO

Rick.colebank@thinkalphafirst.com

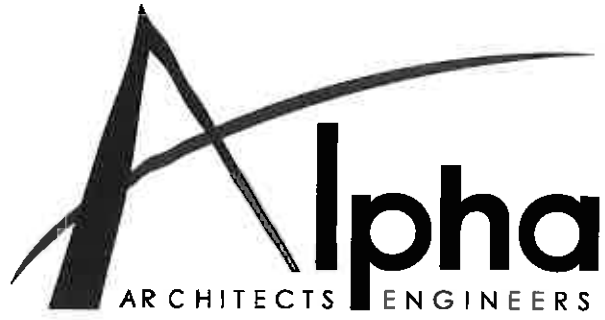
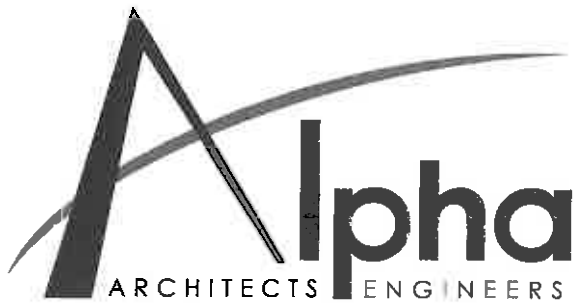


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FIRM PROFILE

Firm Profile

FIRM NAME

Alpha Associates, Incorporated

OFFICE LOCATIONS

209 Prairie Avenue
Morgantown, West Virginia 26501

535 West King Street
Martinsburg, West Virginia 25401

2506 Kanawha Boulevard East
Charleston, West Virginia 25311

INCORPORATED

1969; Morgantown, WV

FIRM PRINCIPALS

Richard A. Colebank, PE, PS; President and COO
Richard W. Klein, PE, PS; Chairman and CEO
Charles B. Luttrell, PE; Principal
Charles B. Branch, PE; Principal

NUMBER OF EMPLOYEES

26 Employees

SERVICES

Architectural Design
Civil Engineering
Structural Engineering
Surveying
Interior Design
Landscape Architecture
Construction Administration

Alpha Associates, Incorporated was established in 1969 and since that time has completed hundreds of projects throughout Morgantown and the state of West Virginia. Alpha's Corporate Office is located in Morgantown with our Eastern Regional Office located in Martinsburg.



We provide Solutions. You can expect Excellence.

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 has engineered solutions for over \$17.2M in mechanical system upgrades, repairs, and renovations for projects of all scopes, with clients ranging from private owners to local and state governments.



Our team has engineered repairs and stabilized systems to assist an owner to plan for required upgrades, system repair or develop a maintenance plan to extend the life of a system.

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



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

Additional Benefits

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



Engineering Design and Consultation

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

Aquatic Facility Design

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

Construction Administration

Maintenance/Facility Improvement Plans
 Contract Administration
 Code Observation

Communication System

Intercomm & Public Address
 Voice/Data/CATV
 Urgent Response

Energy

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

Facility Utilization

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

Life Safety Inspection/Design

Fire Protection & Alarm Systems
 Access Control
 Fire & Electrical Investigation

Industry Experience

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

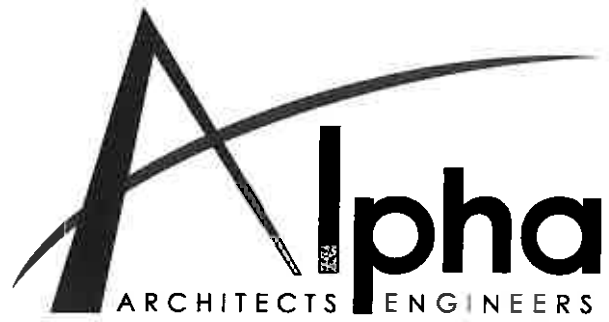


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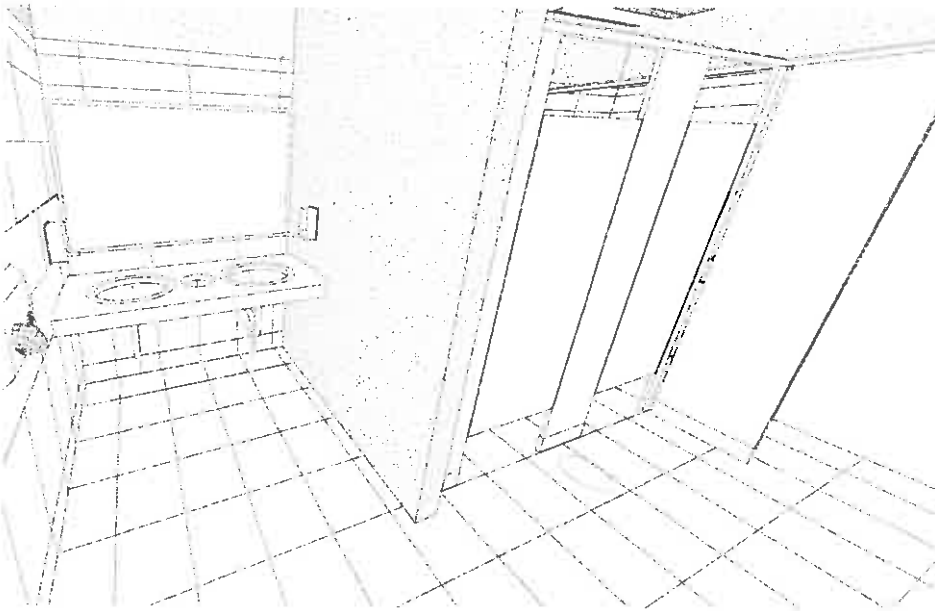
APPROACH AND METHODOLOGY

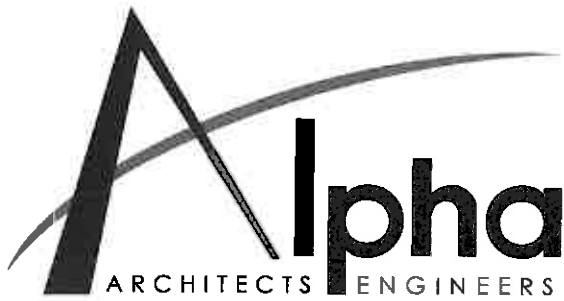
Updating the existing toilet rooms located at the Public Service Commission to meet current Accessibility Guidelines is of paramount importance, and for Alpha Associates, Inc. is common practice. Given certain space limitations, there may have to be a reduction in the number of toilet fixtures in order to achieve appropriate mobility and accessible guideline. Improve door width, turn-around space, height and reach requirements, and correct wheelchair approach to allow more universal accepted "side approach" to toilets from a wheelchair.

Additionally, finishes should be upgraded to reflect the latest technology in anti-microbial finishes that are available on the market today, improving the overall maintenance and appearance of the facility. Large format porcelain tile in natural colors, reflecting the traditions of stone, wood and marble, could be introduced to reduce the number of grout lines in the floors and walls. This reduces the areas for microbes to hide.

Providing countertops at an accessible height, out of antimicrobial materials to blend with the overall look, and eliminating the traditional back splash in favor of a more cleanable surface should be another consideration.

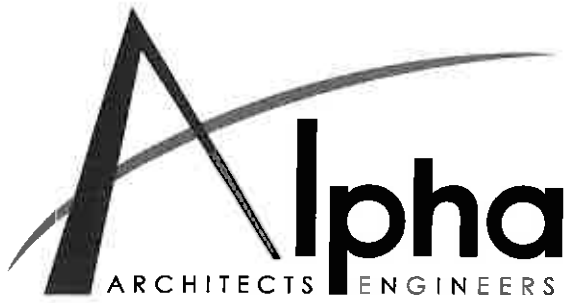
The sketch below shows some of these possibilities.





Alpha Associates' Approach and Methodology towards the project would be as follows:

1. Initial discussions with the PSC Commissioners/building committee.
 - a. Determine owner's preference for MEP consultant if any.
 - i. Introduction of MEP Consultant to building committee.
 - b. Define entire extent of scope.
 - c. Complete contract negotiations.
2. Develop Timetable
 - a. Determine when desired completion date is.
 - b. Determine Design Team/Owner meeting schedules
 - c. Determine significant milestone dates for periodic review and submissions
 - i. Schematic, Design Development & Construction Documents
3. Review of existing drawings and documentation.
4. Verification of existing measurements of spaces involved.
5. Development of Schematic Designs and alternatives
 - a. Drawings
 - b. Estimate of Probable Cost
 - c. Submission of Schematic documents to owner
 - i. Owner Review & Comments
6. Modification of Schematic Designs
7. Design Development
 - a. Updated drawings reflecting finish choices, etc.
 - b. Updated Estimate of Probable Cost.
 - c. Updated documents sufficient for State Fire Marshal Review
 - d. Discuss construction phasing of project for occupied building.
 - e. Submission of Design Development documents to owner.
 - i. Owner review and Comments
8. Modification of Design Development documents, if any.
9. Construction Documents
 - a. Updated documents sufficient for competitive bidding.
 - b. Final updated estimate of Probable Cost.
10. Bidding and Negotiation
 - a. Assist owner in answering technical questions during bidding.
 - b. Review of submitted bids.
 - c. Provide owner with recommendation of contract award.



11. Construction Phase

- a. Provide construction administration services as defined by contract negotiations.
 - i. Conduct Progress meetings with Contractor
 - ii. Provide shop drawing and submittal approval services
 - iii. Provide RFI answers to Contractor questions
 - iv. Review and approve pay applications
 - v. Review and submit Change Order Requests if any.
 - vi. Provide Substantial Completion Certificates and Punch list
 - vii. Provide Final Completion Certificate.
- b. Coordinate close out documents for owner, etc.
- c. Provide 11 month walk-through prior to contractor's warranty expiration.

➤ **Design & Permitting**

Miller Engineering, Inc. (MEI) will work with the design team along with any owner's representatives and stakeholders to determine the requirements of the project. MEI will meet with the owner's staff to ensure the project meets ADA design standards in addition to interfacing with any existing facility building systems. MEI will also consult with local and state code officials for compliance in regards to applicable construction and life safety codes. A preliminary budget will be created, which will be updated to help the owner better understand the associated costs with any design options or scope changes prior to bidding.

➤ **Construction Administration**

Miller Engineering will be available to provide construction administration (CA) services for the project if necessary. MEI will be present during pre-bid meetings and will assist in answering questions from contractors and vendors during the bidding process. MEI will provide support to the design team and client in issuing addenda. Miller Engineering will take part in kick-off meetings and in agreed upon progress meetings. It is company policy to answer any RFIs and review submittals in an expedient manner, as any delays can cost the project time and money. CA services can also include performing project observation outside of scheduled progress meetings. MEI will be available to perform punch lists related to substantial and final completions.

➤ **Project Close-out**

Another company policy is to require the contractor to provide training and demonstration to the owner's maintenance staff, at which MEI will be present. CA duties will also include reviewing operation and maintenance manuals, close-out documentation and record drawings.

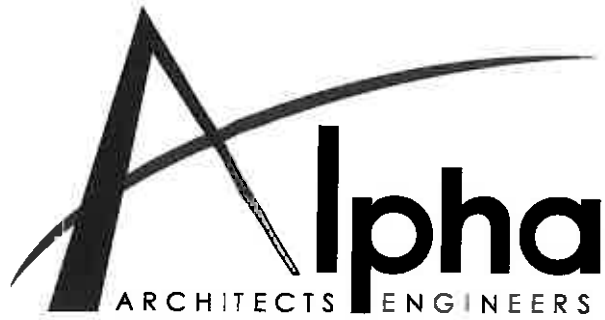
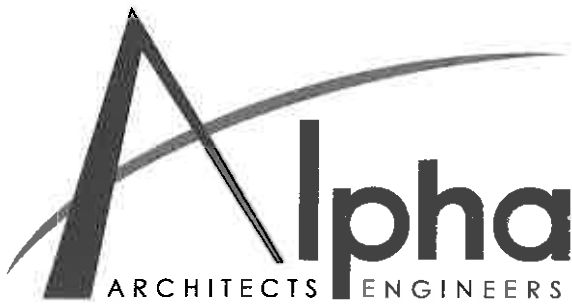


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ALPHA RESUMES

Richard A. Colebank, PE, PS | President and COO

SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. He has been with Alpha Associates, Incorporated since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of many of the Civil Engineering projects developed at Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day to day operations of the company while continuing to manage Civil Engineering Projects.

PROFILE

Broad-based responsibilities in the following areas:

- Project Management
- Business Operations and Financial Management
- Quality Assurance/Quality Control
- Civil Engineering Project Management and Design
- New Business Development
- Expert Testimony and Investigation

PROFESSIONAL HIGHLIGHTS

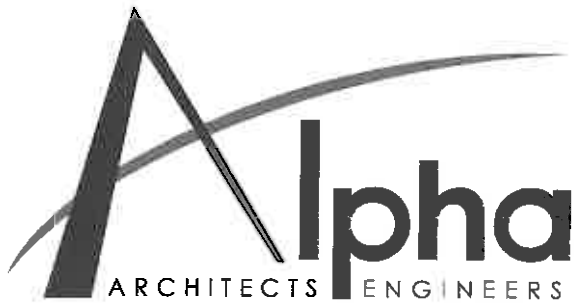
Project Manager:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prisons Hazelton Medium Security Prison
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- North Fork Hughes River Recreation Facilities; Ritchie County, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV

Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract
- West Virginia Division of Highways Open End Contract
- National Energy Technology Laboratories Open End Contract
- West Virginia University Open End Contract
- United States Postal Service Open End Contract





ALPHA RESUMES

Richard A. Colebank, PE, PS | President and COO

EMPLOYMENT HISTORY

1985 – Current	Alpha Associates, Incorporated
1983-1985	Charles Townes and Associates, P.C.
1983	US Army Corps of Engineers

EDUCATION

West Virginia University
 Masters of Business Administration; 1999
 Bachelor - Civil Engineering; 1982

QUALIFICATIONS

- **License:** Professional Engineer: West Virginia, Maryland, Pennsylvania, Virginia
- Professional Surveyor: West Virginia
- Certified Private Pilot

AFFILIATIONS

- Former NSPE/PEPP Governor of WV
- ACEC/WV; Former President and National Director
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- Monongalia County MPO Technical Advisory Committee; Member
- Morgantown Area Economic Partnership; Member
- American Red Cross, River Valley Chapter B.O.D.
- WVU College of Civil and Environmental Engineering Visiting Committee

think **Alpha** first.com

Contact

Richard A. Colebank

304.296.8216

800.640.8216

rick.colebank@thinkalphafirst.com



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Richard A. Colebank

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

To hold and use such title in the practice of his profession, subject to the conditions prescribed by law.

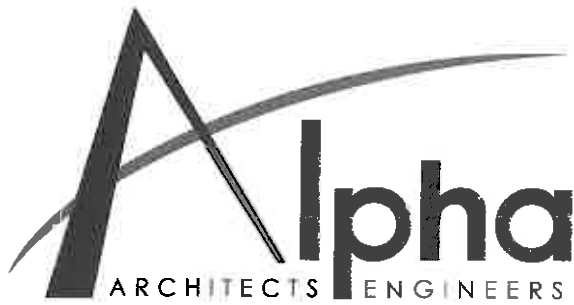


Given under the hand and the Seal of the Board, at the Capitol in the City of Charleston this 23rd day of Feb. in the year of our Lord One Thousand Nine Hundred and Eighty-Eight and of the State the One Hundred Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Frank Saddy

Secretary: Kenneth H. Means; President: Harold P. Johnson; R. Hubert Smith



ALPHA RESUMES

Rebecca Key, AIA, LEED-AP | Architect, Associate

SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She is Project Architect/Project Manager for numerous architectural designs at Alpha Associates, Incorporated. Ms. Key is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration.

PROFILE

Broad-based responsibilities in the following areas:

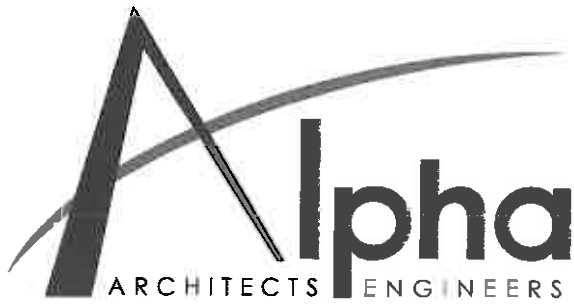
- Architectural Design
- Interior Design
- Medical Design
- Interior Space Planning
- Historic Renovation

PROFESSIONAL HIGHLIGHTS

Architectural Design:

- Mon County Family Court Renovation; Morgantown, WV
- West Virginia Regional Technology Park Renovation to Building 770; South Charleston, WV
- Mon County Sheriff's Building; Morgantown, WV
- WVU South Agricultural Sciences Building; Morgantown, WV
- Washington High School; Charles Town, WV
- Prichard Hall Renovation; Fairmont State University; Fairmont, WV
- WVU CRRB Renovation, 5th and 7th Floors; Morgantown, WV
- WVU Boreman Hall, Boreman Bistro; Morgantown, WV
- WVU Hatfields Restaurant; Morgantown, WV
- Hart Field Maintenance Facility; Morgantown, WV
- Norwood Fire Station; Morgantown, WV
- FMW Composites; Bridgeport, WV
- Hart Field Terminal Renovation; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- WV State Office Building; Clarksburg, WV
- Ruby McQuain Amphitheater Roof; Morgantown, WV
- Augusta Apartment Building; Morgantown, WV
- Cass Scenic Railroad Clubhouse Renovation; Cass, WV
- Berkeley Springs Bath House Renovation; Berkeley Springs, WV





ALPHA RESUMES

Rebecca Key, AIA, LEED-AP Architect, Associate

EMPLOYMENT HISTORY

2000 – Current	Alpha Associates, Incorporated
1983-1999	Alexander Key and Associates
1978-1983	Webster Clothes; Director of Store Planning

EDUCATION

University of Maryland
 Bachelor of Architecture; 1977
 Maryland Institute College of Art
 Coursework in Furniture Design; 1986-1987

QUALIFICATIONS

- **License:** Registered Architect: West Virginia, Maryland, Washington DC, New York, Virginia, Pennsylvania
- NCIDQ Certified
- Leadership In Energy and Environmental Design Accredited Professional

AFFILIATIONS

- American Institute of Architects
- West Virginia Society of Architects
- Fairmont, WV ICC Board of Appeal; Board Member
- U.S. Green Building Council
- AIA Liveable Communities
- Marion County Chamber of Commerce
- Leadership Kanawha Valley Class of 2014

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Contact

Rebecca Key
 304.296.8216
 800.640.8216
 rebecca.key@thinkalphafirst.com

The Board of Architects



of West Virginia.

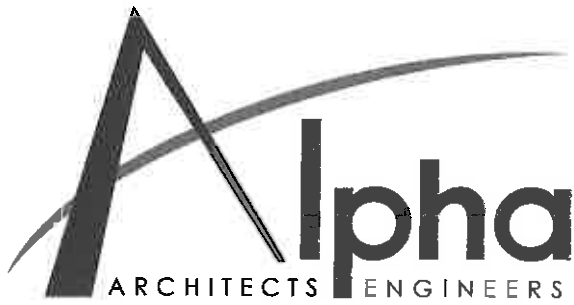
No. 2693

This Certifies that Rebecca Jean Key of Baltimore
in the State of Maryland, having successfully passed an examination
before the Board of Architects of the State of West Virginia, and being
otherwise qualified, is hereby authorized to practice Architecture in all its
branches in the State of West Virginia.



Witness the signatures of the President and Secretary of the Board of
Architects of West Virginia and the seal of said Board, this 26th
day of September 1994

Will E. Johnson President.
E. J. ... Secretary.



ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has been made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with the WVU Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications.

PROFILE

Broad-based responsibilities in the following areas:

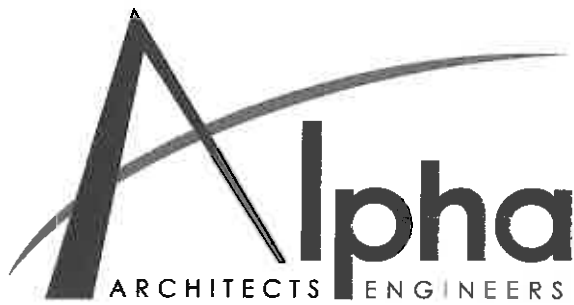
- Bridge Structural Design and Analysis
- Innovative Bridge Materials Applications
- Building Structural Design and Analysis
- Historical Restoration and Evaluations

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

- Alumni Center Structural Framing and Foundation; WVU
- Engineering Science Building, East Wing Addition, WVU
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV
- Alderson Broaddus College, Rex Pyles Arena Deck; Philippi, WV
- Mountaineer Middle School Renovation; Morgantown, WV
- Salem International Building Inspections; Salem, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge, Morgantown, WV
- Ices Ferry Bridge, Morgantown, WV





ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

EMPLOYMENT HISTORY

1996 – Current	Alpha Associates, Incorporated
1995-1996	Larry D. Luttrell, PE, Ph D
1991-1994	West Virginia University
1990-1991	WVU Constructed Facilities Center

EDUCATION

West Virginia University
 Masters - Structural Engineering; 1995
 Bachelor - Civil Engineering; 1993

QUALIFICATIONS

- **License:** Professional Engineer: West Virginia, Pennsylvania

AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers
- Chi Epsilon; Member
- American Concrete Institute; Member

Research Experience

- Cold Formed Steel Deck Research
 - ✓ Fastener Failures
 - ✓ Edge conditions/failures
 - ✓ Buttoned overlap shear failures
- Composite Cold Formed Steel and Concrete Deck Research
 - ✓ Line load behavior/failures
 - ✓ Concentrated load behavior/failures
 - ✓ Web crippling
 - ✓ Punch failures

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Contact

Charles B. Luttrell
 304.296.8216
 800.640.8216
 charlie.luttrell@thinkalphafirst.com



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Charles B. Luttrell

Does, IN PURSUANCE OF AUTHORITY VESTED IN IT by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a REGISTERED PROFESSIONAL ENGINEER

Registration Number [redacted]

and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston this 28th day of July in the year of our Lord One Thousand Nine Hundred and Ninety-nine and of the State the One Hundred Thirty-sixth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Handwritten signatures: [Signature 1], [Signature 2], [Signature 3]



B. Craig Miller, PE, President

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 Recreation Center Indoor Pool – Owner’s Engineer
- WVU Life Sciences Building and Student Recreation Center – Owner’s Engineer
- Camp Virgil Tate
- Mapletown High School HVAC Replacement
- Advanced Surgical Hospital
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Beech Fork State Park – MEP New Construction Design
- WVU Willowdale Walkway

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

- **Krepps Park ADA Upgrades**
- **Holly River State Park Primary Electric Service Replacements Phase I & II**
- **Beech Fork State Park Lodge Design Development**
- **Pipestem Lodge McKeever Lodge HVAC Piping Replacement**
- **WV Veterans Memorial Restoration**
- **Bobtown Elementary School HVAC Upgrades**

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



Robert Angus

20 Years of maintenance, operations, and construction management precede Rob's engagement with Miller Engineering. Professional expertise of construction project management was gained as an owner of his own contracting company specializing in residential and commercial construction, electrical, plumbing, and HVAC projects.

Rob's hands-on approach, common sense and valuable work history knowledge enables him to interface with construction personnel seamlessly alongside engineers and architects. He is adept at preventing and handling issues. Rob is involved at the estimation phase to allow for continuity within the project's design and construction.

Project Role: Aquatic Construction Representative

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

Professional Project Highlights

- 3RD Party Construction Observation – Canaan Valley Resort
- Advanced Surgical Hospital
- Cheat Lake Elementary HVAC Upgrade
- Suncrest Middle School Gym HVAC Upgrade
- North Elementary School Boiler/AC
- Mapletown Jr./Sr. High School HVAC/Boiler Upgrade
- WVU Research Building Office Renovation

Professional History

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

Education

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

Licenses and Certifications

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



Jack Jaminson

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

Project Role: Code and Construction Specialist

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

Professional Project Highlights

- Board Member of the WV Code Officials
- Founder and Secretary of the West Virginia Division of the International Association of Electrical Inspectors
- IAEI Ohio Chapter – Membership Chair

Professional History

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

Education

1971 Fairmont State College, BS-Engineering Technology-Electronics

Licenses and Certifications

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



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

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*

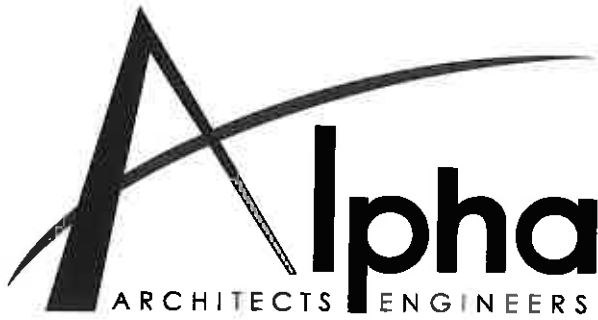
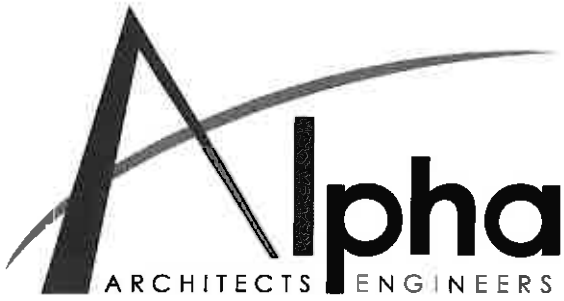


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DISCLOSURE STATEMENTS

1. Alpha Associates, Incorporated accepts and fully understands that any and all work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate.
2. Alpha Associates, Incorporated has not had any litigation, arbitration, vendor complaints filed with the State's Purchasing Division or disputes with other Agencies of the State of West Virginia that involved legal representation by either party relating to the firm's delivery of design services.

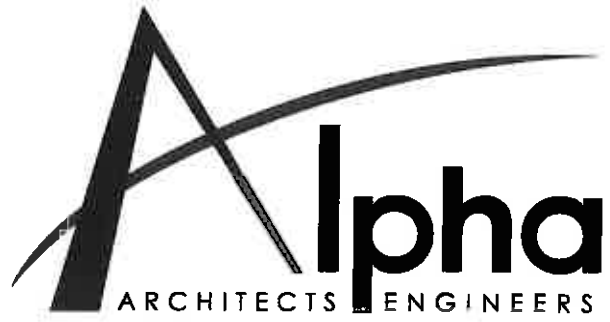
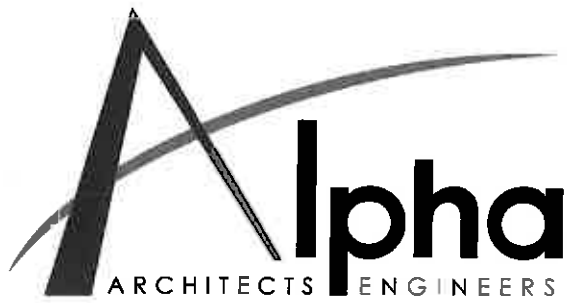


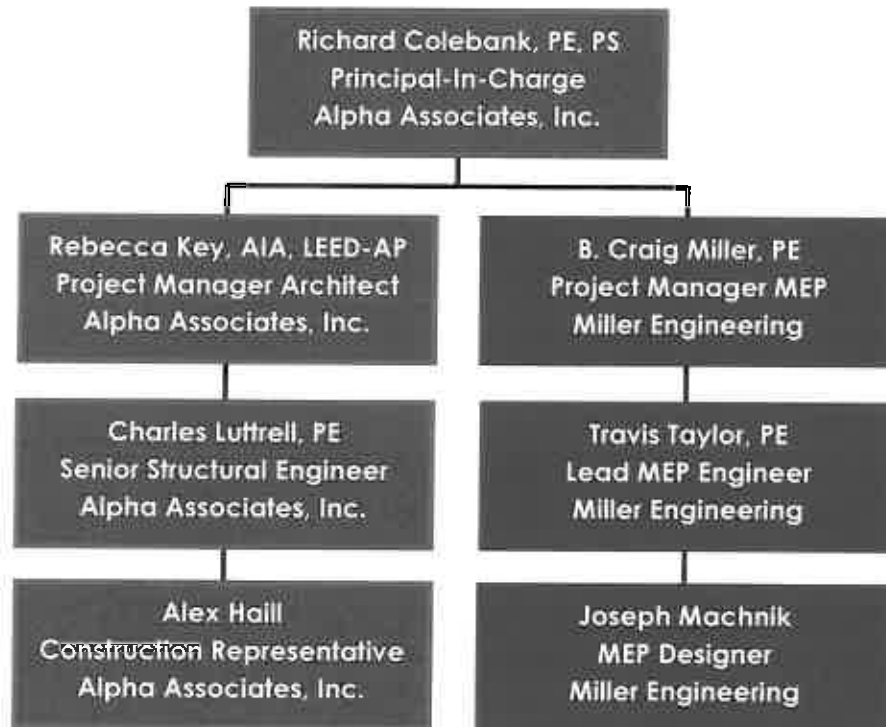
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PROJECT ORGANIZATION

All work to be performed for the Public Service Commission Restroom Renovation will be performed out of Alpha's Charleston office. In addition to your dedicated Project Team, Alpha's staff of twenty-six (26) includes Engineers, Architects and Support Staff, who are available to assist you with any potential project need. Furthermore, Alpha's team will include Miller Engineering for any and all mechanical, electrical, and plumbing services that will arise throughout the completion of this project.



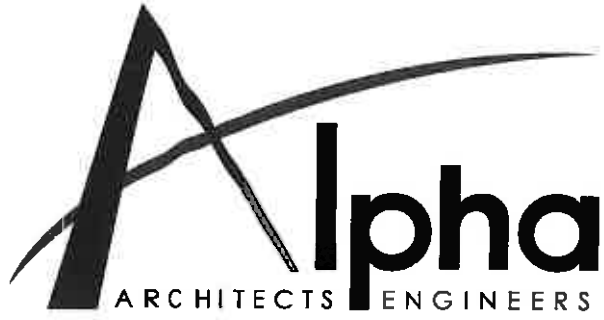
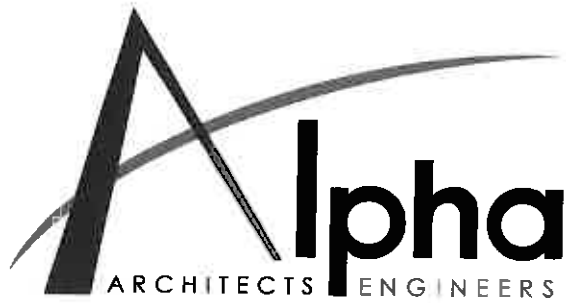


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RESTROOM EXPERIENCE

Berkeley Springs Bathhouse Toilet/Locker Room Upgrade, Berkeley Springs, WV

The challenge in the toilet room upgrades was to utilize as much of the original historic features of the bath house, while at the same time providing upgraded modern amenities. Oversized pedestal sinks were specified that mimicked the original fixtures, however, instead of having two separate faucets, for hot and cold, mixing valves were incorporated. The chase wall created for the new plumbing was concealed behind the new subway tile with a resin based solid surface sill that topped off the newly created chase and provides a shelf for patrons' personal items. Original brick was left exposed along with hexagonal floor tile, typical of the period.



The project was part of a complete renovation of the Historic Berkeley Springs Bath House. The 7,127 square foot project was completed in 2010 at a cost of \$2.2 Million.

Project Contact:

Brad Leslie

West Virginia Division of Natural Resources

324 4th Street

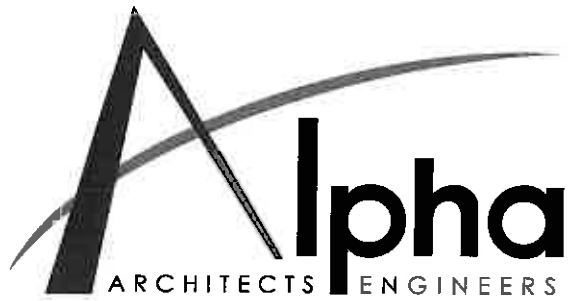
South Charleston, WV 25303

304-558-2764

Monongalia County Sheriff's Building Staff Locker Room and Toilet Facilities, Morgantown, WV

For the Staff Locker Room and Toilet facilities, Alpha utilized solid surfacing material (resin coated plastic) for countertops and sinks provided a "no rim" at the sink situation that is ideal for eliminating the stainless steel rim of undermount or overmount sinks, producing a smooth, seamless condition at the sink. The same material was utilized for shower and toilet partitions as well as wall coatings. This created the best anti-microbial environment for the men and women of the Sheriff's office.





Monongalia County Sheriff's Building Prisoner/Detainee Toilet Facilities, Morgantown, WV

The prisoners/detainees needed to have toilet facilities that were for their use only and fashioned in such a way to protect themselves and officers from any harm. Combination stainless steel sink/toilet combination units were used, along with poured epoxy flooring with integral cove (for sanitation) and rounded corners (for safety) on the smooth polished and filled concrete masonry partition walls.



Monongalia County Sheriff's Building Public Toilet Rooms, Morgantown, WV

The goal of this task was to create toilet facilities for the general public that did not cross paths with prisoners and/or the staff. The restroom utilized porcelain tile flooring in the main corridors and carried the flooring into the public.

The challenge in designing the Toilet facilities for the Sheriff's Building is the variety involved. All restroom projects for the Sheriff's Building were in complete compliance with Americans with Disabilities Act (ADA) requirements.



The projects were part of a design for the new Sheriff's Building. The 31,655 square foot project was completed in 2011 at a cost of \$7.9 million.

Project Contact:

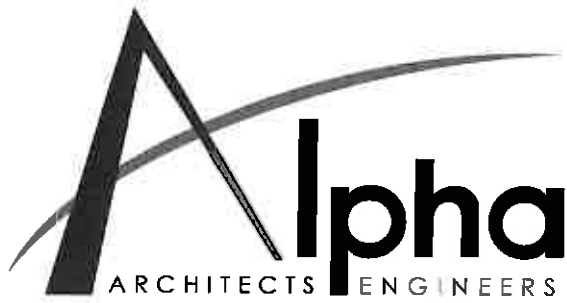
Sheriff Al Kisner

Monongalia County Sheriff's Department

116 Walnut Street

Morgantown, WV 26501

304-291-7290



Hazel Ruby McQuain Riverfront Park Amphitheater Restroom Building, Morgantown, WV

Alpha Associates, Incorporated provided Architectural and Engineering design services for a restroom facility for the Riverfront Park in Morgantown. The facility included accessory mounting heights to meet ADA requirements, including soap dispensers, waste receptacles and towel dispensers located an ADA required 40 inches above the floor. Grab bars and door openings for compartments to be handicapped accessible were also included.



The project was part of an improvement to the Hazel Ruby McQuain Riverfront Park. The \$550,000 project was completed in 2002 for the City of Morgantown.

Project Contact:

City of Morgantown

389 Spruce Street

Morgantown, WV 26505

304-284-7404

PVTA Vehicle Maintenance Facility Restroom Additions, Petersburg, WV

As part of an addition and renovation to the Potomac Valley Transit Authority's Vehicle Maintenance Facility in Petersburg, Alpha added new toilet rooms. Adequate sink and dispenser heights, sufficient turning room and door widths and grab bars were all included to meet ADA requirements.



The 3,950 square foot project was completed in 2005 for the West Virginia Department of Public Transit at a cost of \$456,725.



Project Contact:

Tim Thomas

West Virginia Department of Public Transit

1900 Kanawha Blvd. East

Bldg. 5, Room 830

Charleston, WV 25305

304-257-1414

**Mountaineer Middle School Restroom Renovation,
Morgantown, WV**

Alpha provided a complete renovation of all restroom facilities for Mountaineer Middle School, as part of a total renovation of the school from a high school into a middle school. Alpha's scope of work included toilet partitions, sinks, grab bars, doors and turning space sufficient for meeting ADA requirements.



Alpha also replaced all floor drains, installed windows and relocated walls to come into compliance with ADA requirements. The renovation included the transformation of eight restrooms, as well as restrooms and shower facilities in the gymnasium area.

The restroom renovation was part of an 115,780 square foot, \$8.4 Million project, which was completed in 2009 for Monongalia County Schools.

Project Contact:

Ed McCabe

Monongalia County Schools

13 South High Street

Morgantown, WV 26505

304-291-9210

Project Experience: Locker Room and Pool HVAC

Pipestem Plaza

Services Provided:

- Mechanical, Electrical, Plumbing
- HVAC
- Accommodation of Existing Systems

Estimated Budget: \$2.2M

Facility Area: 63,000 ft²

Owner: West Virginia Division of Natural Resources



The Pipestem lodge has an outdoor plaza which is above the pool locker rooms and support areas. The plaza concrete deck system has failed, allowing water to damage the structure and the spaces below. The team's goal is to replace the plaza and structure and rebuild the locker rooms with all the associated mechanical systems. Challenges include designing maintainable systems and "opening up" the building for 3-4 months to perform the work. The pool heating and air conditioning system has effectively failed and falls within the footprint of the project. Our mandate includes improving the system and modernizing the pool environment to meet current standards. In addition, the mechanical systems design has to be coordinated with a building-wide piping replacement project already in progress. This coordination ensures the new mechanical systems will "plug in" to the revised building piping.

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

Project Experience: Renovation

Berkeley Springs Bathhouse

Services Provided:

- Mechanical, Electrical, Plumbing
- Coordinate with Architect to Ensure ADA Compliance

Estimated Budget: \$2.1M

Facility Area: 9,000 ft²

Owner: West Virginia

Department of Natural Resources



The heated 1000-gallon per minute flow of 78.4 degree, mineral-laden water is used by spa guests prior to other activities via tubs or large Roman baths. The existing structure was lacking in proper ventilation and dehumidification systems. The goal of the MEP system design was to provide reliable, cost-effective, energy efficient systems that would enhance clients' spa experiences and protect the historic nature of the structure. The successful renovation entailed replacement of all MEP systems and their associated piping. With a need for hot water supply that is exceptionally large, it required a split into two systems: domestic (2,000 GPH) and Roman Bath water (3,000 GPH) units to fulfill demand requirements. A full VAV-HVAC system with terminal reheat and comfort radiant heating was installed over the client tubs and massage tables to produce optimal atmospheric temperatures. Upon completion, goals of proper ventilation and humidity conditions were met.

Project Contact:

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

Project Experience: Beach and Bathhouse

Tygart Lake State Park

Services Provided:

- Mechanical, Electrical, Plumbing
- Commercial Kitchen Update
- Construction Administration
- Coordinate with Architect to Ensure ADA Compliance

Estimated Budget: \$995k

Facility Area: 4 acres

Owner: West Virginia Department of Natural Resources



Previously the beach area was nothing more than a concrete slab prone to algae infestation creating a slip hazard. Paths and recreation areas were ill-defined, lacking clear flow or direction and did not contribute to natural surroundings. After a site review, an overall plan was developed by Miller Engineering and is now a successfully completed project. The State Park is a popular recreation destination for Morgantown area residents. The beach area and access, volleyball, horse shoe, grilling and bath house were all renovated. The kitchen received code compliant updates and additional electric capacity to add a concession stand in the future.

Project Contact:

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

Project Experience: High Voltage Repair

Holly River State Park

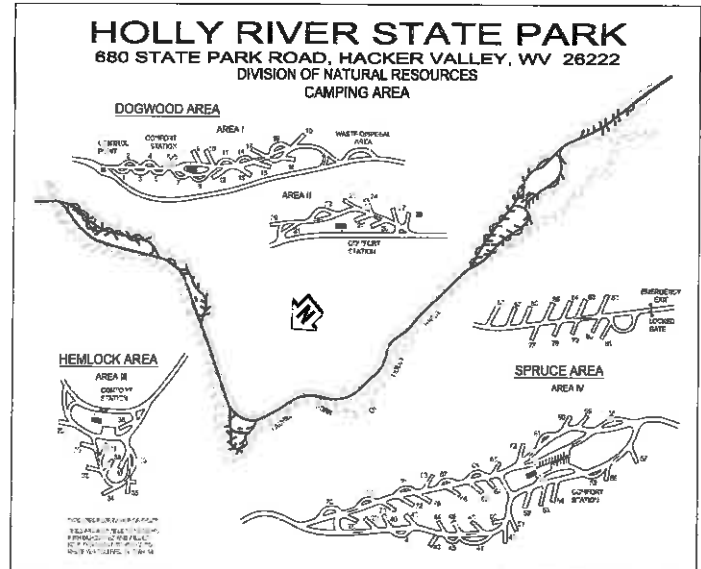
Services Provided:

- High Voltage Electrical Design
- Emergency Repair
- Installation

Estimated Budget: \$2.4M

Facility Area: 8,101 acres of recreational space

Owner: West Virginia Division of Natural Resources



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

Emergency electrical supply was restored to select areas of the park in phase 1 due to the timing of the storm and the onset of winter. Phase 1 was a priority for the owner (WVDNR) and went from start of design to bid in less than 4 weeks. Coordination with the DOH and the DEP were facilitated during this short turnaround in order to restore electrical supply to the administrative areas.

Our team designed and developed a plan to restore power to the park and reduce future outages. MEI's design solution opted for burying 2.5 miles of electrical supply cabling in conduit, demo of the existing storm damage prone overhead service, reclaiming PCB transformers and re-connecting all existing electrical loads. During Phase 1, MEI noted several concerns and safety issues which needed to be addressed long term.

MEI worked with the client to both document and estimate the cost to address code deficiencies and issues, which the client used to secure funding. Phase 2 design of the replacement of 9,000 feet of high voltage cabling and PCB transformers has been completed and is bidding.

Phase 2 addresses the long term reliability, and code deficiencies in the remainder of the park; particularly the campground areas.

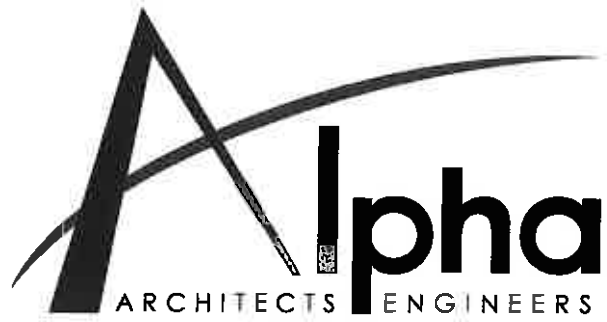
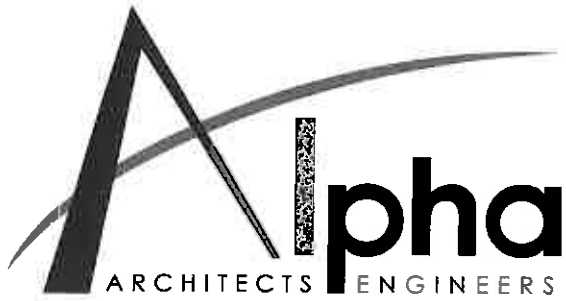


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CAPACITY

Alpha and our teaming partner, Miller Engineering, have the resources available to complete the Public Service Commission Restroom Replacement in its entirety. We are prepared to commit staff resources as needed by the Public Service Commission for all Architectural and Engineering needs. Our team has the qualified and experienced personnel, administrative support, and the production equipment and resources to ensure the successful completion of this project. We are confident in our ability to provide the Public Service Commission with the best team available.

Our multidisciplinary design team is prepared to meet and exceed the expectations of the Public Service Commission by committing whatever resources are necessary to meet the project schedule.

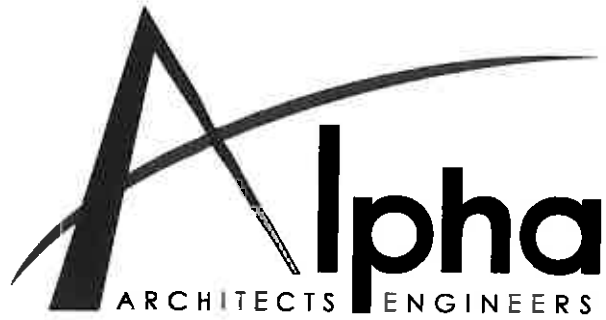
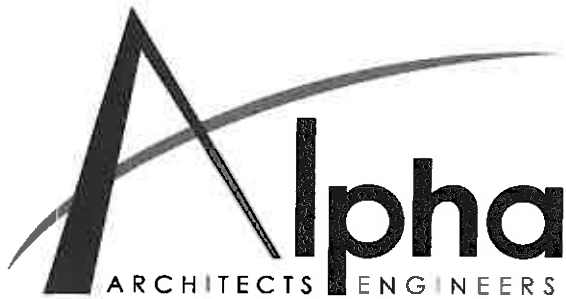


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REFERENCES

Dr. Frank Devono
Monongalia County Schools
13 S. High Street
Morgantown, WV 26501
304-291-9210

Jim King
WV Higher Education Policy Council
1018 Kanawha Boulevard, East, Suite 700
Charleston, WV 25301-2800
304-558-0281 ext. 206

Brad Leslie
WV DNR
324 4th Street
South Charleston, WV 25303
304-558-2764

Frank Blackwell, Superintendent
Wyoming County Schools
PO Box 69
Pineville, WV 24874-0069
304-732-6266

Sheriff Al Kisner
Monongalia County Sheriff's Office
116 Walnut St.
Morgantown, WV
304-291-7290

"Alpha Associates is one of the best architectural, engineering, and surveying firms we have dealt with. I commend them for their design excellence and professionalism. They are an easy company to work with, creative and innovative in their approach, and always available to answer questions."

Frank Blackwell,
Wyoming County Schools

Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard.

Robert Hammel, Former Director
Morgantown Municipal Airport



We provide Solutions. You can expect Excellence.

Client References

What our satisfied customers have to say...

"I chose Miller Engineering because they are not a purely design based firm. They have real world construction experience and the work ethic to ensure that the project is completed on time, on budget. I have confidence that my agency's interest is well served in design and in construction contract administration. I cannot say that about every firm I have worked with."

--Bradley S. Leslie, PE

"Hard working, very customer oriented, diligent and your team at Miller Engineering will do 'whatever it takes' 24/7 to meet our needs or any customers' needs. Willing to come in on days off, weekends, nights, and holidays - no questions asked!"

--Christopher T. Halterman

<p>Brad Leslie, PE <i>Assistant Chief WV Division of Natural Resources State Parks Section 324 4th Avenue South Charleston, WV 25303-1228 (304) 558-2764 ext. 51823 Bradley.S.Leslie@wv.gov</i></p>	<p>Kerri J. Wade, MSW <i>Extension Agent - Kanawha County West Virginia University 4700 MacCorkle Avenue, SE Suite 101 Charleston, WV 25304 304.720.9573 Kerri.Wade@mail.wvu.edu</i></p>	<p>Christopher T. Halterman <i>Director of Operations The Dominion Post 1201 Earl Core Rd. Morgantown, WV 26505 (304) 291-9479 chalterman@dominionpost.com</i></p>
<p>Pat Sweeney <i>Business Manager Southeastern Greene School District 1000 Mapletown Rd. Greensboro PA 15338 (724) 943-3052 Sweeney.pat@segds.org</i></p>	<p>Mike Trantham <i>Program Administrator Senior WVU Environmental Health & Safety P.O. Box 6551 975 Rawley Avenue Morgantown, WV 26506 (304) 293-5785 Mike.Trantham@mail.wvu.edu</i></p>	<p>Randy Kolson <i>Vice President Aqua Pool, Inc. 1438 Electric Avenue Pittsburgh, PA 15112 (412) 824-6900 randy@aquapoolinc.com</i></p>

For More Information Contact – Craig Miller, Owner/President, Miller Engineering
Phone: 304-291-2234, 250 Scott Avenue Suite 3, Morgantown, WV 26508

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: PSC150000020

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:

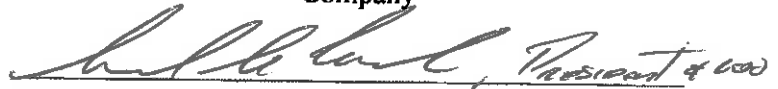
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Alpha Associates, Incorporated

Company


Authorized Signature

5-18-15

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

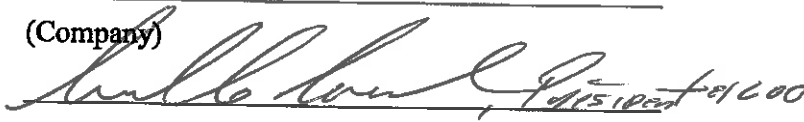
EXPRESSION OF INTEREST
Public Service Commission Restroom Renovation

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained 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.

Alpha Associates, Incorporated

(Company)

 *[Handwritten signature]*

(Authorized Signature) (Representative Name, Title)

304-290-8216 / 304-290-8216 / 5-18-25

(Phone Number) (Fax Number) (Date)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Alpha Associates, Incorporated

Authorized Signature: [Signature] Date: 5-18-15

State of West Virginia

County of Morganella to-wit:

Taken, subscribed, and sworn to before me this 18th day of May, 2015

My Commission expires August 4, 2019

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature: Diana C. Clark]

Purchasing Affidavit (Revised 07/01/2012)

