

Expression of Interest – Lot 502

Architectural/Engineering Services
for:

West Virginia Lottery

Headquarters Renovations
Charleston, West Virginia

02/26/13 11:48:01 AM
West Virginia Purchasing Division



Blackwood Associates, Inc.
MSES Consultants, Inc.

architects & planners
engineers & environmental



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MSES Consultants, Inc.

architects & planners
engineers & environmental

February 26, 2013

West Virginia State Purchasing Division
Attn: Connie Oswald
2019 Washington Street East
Charleston, WV 25305-0130

Re: Architectural/Engineering Services for Lot 502
West Virginia Lottery Headquarters Renovations
Bid Type: Technical

Dear Ms. Oswald,

Blackwood Associates, Inc. (BAI) and **MSES Consultants, Inc. (MSES)** are pleased to submit this expression of interest in providing professional architectural and engineering services for the West Virginia Lottery Headquarters Renovation project located in Charleston, West Virginia.

Blackwood Associates, Inc. is an Architectural and Planning firm located in Fairmont, WV and would provide all project architectural planning and design. **MSES Consultants, Inc.**, is an Engineering firm located in Clarksburg, Huntington and Beckley, West Virginia, providing all engineering disciplines. The two firms have strategically partnered to become the largest full service architectural/engineering provider in West Virginia.

The **BAI/MSES** team offers a combined professional staff of over 90 people, with registered architects, engineers, LEED accredited professionals, scientists, technicians and support personnel. **BAI/MSES** is a single source that can provide all of the professional disciplines required for the architectural, engineering and environmental professional service needs.

Professional services will be managed and performed by full-time, in-house personnel out of the Fairmont, Clarksburg, Huntington and Beckley offices. **BAI** and **MSES** are West Virginia firms with a combined 81 years of providing architecture and engineering services throughout West Virginia.

We can assure a work force of sufficient size and expertise to provide immediate involvement on this project. We look forward to having the opportunity to present our qualifications and project approach on a personal basis. Thank you for your consideration.

Sincerely,

BLACKWOOD ASSOCIATES, INC.
ARCHITECTS AND PLANNERS


PAMELA J. WEAN, AIA

ACTING PRESIDENT

Blackwood Associates, Inc.
Architects and Planners
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Fairmont, WV 26554
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About Firm



About Firm

The mission of Blackwood Associates, Inc. (BAI) and MSES Consultants, Inc. (MSES) is to provide the entire range of professional services necessary to assure the successful completion of our projects. This philosophy provides our clients with a single point of responsibility. By bringing together the disciplines of architecture, interior design, engineering, and sustainable design practices into a single firm we can ensure efficient and effective service.

The firm maintains a staff of highly trained and experienced personnel, including all of the technical disciplines necessary for this project. Our personnel demonstrate the education and experience required; understanding of building codes, bidding and contract procedures, construction methods, systems integration, green building practices, 3D design modeling, BIM tools for analysis, dedicated web pages for design and bid document presentation, and construction progress monitoring. Our professionals are prepared to begin services immediately for this project, and we can accommodate the timetable from program and conceptual design review through completion of construction.

BAI/MSES maintains the necessary registrations, certifications and E/O Insurance for the project and has no litigation or arbitration proceedings with the State of West Virginia, other State Agencies or Municipalities related to the firms delivery of design services.



NEW EAST FAIRMONT MIDDLE SCHOOL

Fairmont, WV

Funding by Marion County School Bond & SBA

Bid in April 2012 for \$15.5 million

Project bid under budget, allowing MCS to add work

Blackwood Associates, Inc.

Blackwood Associates, Inc. was originally established as a West Virginia Corporation in 1959. The firm was incorporated as L.D. Schmidt & Son, Architects and Engineers, under the direction of the late Louis D. Schmidt. In 1967, James Blackwood joined the firm as an intern architect and project designer. In 1972, James Blackwood became vice-president of L.D. Schmidt & Son and then assumed the presidency of the Corporation in 1975. In 1981, the Corporate name was changed to Blackwood Associates, Inc. Architects and Planners, to reflect the practice ownership.



Firm Approach

Since that time, the firm has maintained leadership in the design of state-of-the-art governmental, municipal, residential, medical, educational, recreational, commercial and historical adaptive reuse facilities. BAI has successfully completed over 600 projects with a construction value in excess of \$600 million in the last 20 years.

BAI/MSES is familiar with all aspects of new construction, renovation, build-out design, life safety codes, IBC codes, and Federal and State codes and ordinances applicable to the proposed project. In addition, we maintain LEED accredited professionals in multiple disciplines to meet quality and performance standards. The benefits of this experience and diligence are perhaps most effectively demonstrated by our large number of long term clients and continued successful practice in West Virginia.

BAI/MSES maintains an in-house staff of professionals whose expertise covers all aspects of architecture, planning and engineering practice. We recognize the importance of computers for complete and efficient project organization, communication and document management. All word processing, design, drafting, building analysis, virtual reality, and websites are developed by the firm using cutting edge technology.

This includes the most up-to-date Masterspecs® and the improved organization and project integration with the use of Autodesk® Revit® 2013 and AutoCAD®. The firm can develop higher-quality, more accurate architectural, MEP and structural designs by supporting Building Information Modeling (BIM) workflows using Revit®. This same technology allows BAI/MSES to provide an Owner with project work product and drawings in print and AutoCAD formats at project completion.

We strongly adhere to the American Institute of Architects Code of Professional Conduct. We serve our clients competently and in a professional manner, and exercise unprejudicial and unbiased judgment on their behalf.

BAI/MSES have *never* had a project go uncompleted as a result of inadequate staffing, inability to meet Owner requirements or failure to meet established time frames. This commitment of professionalism applies to every project and client. Our caseload allows the firm to begin work immediately on the project and the firm can meet the time guidelines established for the project. The project will be completed in phases of site evaluation, geotechnical and environmental studies, design conception and schematics, development of construction documents, bidding evaluation and construction observation.

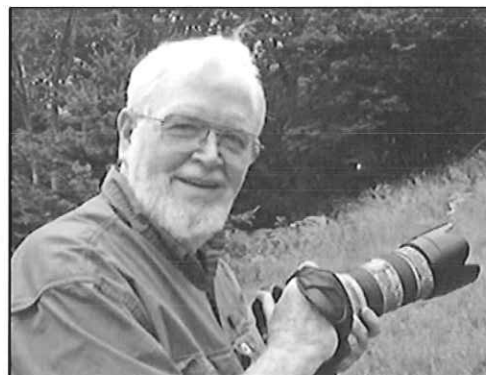


A new era in architecture

The Fairmont architectural firm Blackwood Associates, Inc. has been at the forefront in the design of state-of-the-art educational, governmental, medical, residential, recreational, historical and commercial facilities for over 50 years. On January 1, 2013, President Jim Blackwood, AIA Emeritus, officially retired from the business of architecture after 53 years of dedicated and award-winning service.

At the helm, James Blackwood has been president and principal of the successful practice and has directly influenced architecture and design of over 600 projects in excess of \$600 million.

Jim Blackwood, AIA Emeritus Retiring as President



His award-winning work has affected thousands of West Virginians lives, from the jobs created locally through small business and the construction of buildings he designed, his influence is present in the places where we work and go to school, receive our healthcare services, where we play and live. Preparing for the next phase of a rewarding life, Jim is passing the torch and retiring from the business that he has loved for 53 years.

The new owners of Blackwood Associates, Inc. will be Architect Pamela Wean, AIA, as the new President, Kenton Blackwood, LEEDAP, AAIA, as Vice-President and Kitty Blackwood McShane, AAIA, becomes the new CFO.

With this new ownership, Blackwood Associates, Inc. will become the first full-service architectural firm in West Virginia to become Women Owned. With qualified and experienced designers and architects, Blackwood Associates, Inc. will continue to grow and build upon the legacy Jim Blackwood created.

The new principals have worked for Blackwood Associates, Inc. for a combined total of 61 years.

- President Pamela Wean, AIA has worked as a Senior Project Architect under Jim Blackwood for over 15 years and has designed some of BAI's largest projects, including schools, hospitals and government facilities.
- Vice President Kenton Blackwood, LEEDAP, AAIA, has played an integral part of Blackwood Associates success for over 30 years, creating virtual 3d environments and designing successful schools, hospitals, residential and commercial facilities. He also leads the firm in green sustainable design implementation.
- Kitty Blackwood McShane, AAIA, CFO, has been the Marketing Director for BAI for over 15 years, developing BAI's brand and project websites utilized by hundreds of owners, contractors, consultants, manufacturers and plan houses throughout the region.

**Blackwood Associates, Inc. Architects & Planners
will be the First and Largest Full Service Architectural Firm in
West Virginia to become Women-Owned.**



MSES consultants, inc. - The Firm

MSES Consultants, Inc. is a multi-disciplinary architectural, engineering, design, environmental, and project management firm, headquartered in Clarksburg, West Virginia. We have amassed 37 years of successful project experience, serving private and public clients since our initial founding in 1976. MSES expanded rapidly to become a provider of total architectural, engineering, design, and environmental services by the year 1978, and we have seen our ranks swell, with a current professional staff of 85, including 2 registered architects, 12 registered engineers, 1 LEED Accredited Professional, 1 Certified Industrial Hygienist, Fire Safety Specialist, Life Safety Specialist, ADA Compliance Specialist, 6 professional land surveyors, and a diverse roster of professionals, scientists, technicians, associate architects, and support personnel.

MSES has completed more than 10,000 assignments to date. We have been heavily focused on building construction, renovation, auditing, and project management since our founding in 1976, and many of our projects have involved site selection studies, designs and auditing (HVAC, plumbing, electrical, civil, structural, mechanical, lighting, fire systems, security, and telecommunications), building repairs/renovations (roofs, building envelope, site, sidewalks, electrical, civil, HVAC, plumbing, structural, safety, life safety, security and more), inspections, geotechnical investigations, assessments and reviews, environmental sampling and analysis, property evaluations and appraisals, and project management throughout West Virginia, Ohio, and Pennsylvania. MSES has become sought after by many public and private clients for construction of new facilities and renovations of existing buildings due to the breadth of our technical and professional services, the efficiency of our operations, and our unique status as a single source consultant for all the services required to successfully complete our clients' projects. For further information regarding the capabilities, history and philosophy of MSES Consultants, Inc. and its staff, we invite you to visit our website at www.msesinc.com.

MSES CONSULTANTS, INC. AND BUILDING CONSTRUCTION/RENOVATIONS

Since 1978, MSES's architectural and engineering services have been distributed nearly equally between the construction of new facilities and the renovation of existing structures, with this work focused in the governmental, public and private sectors. Our expertise has gained MSES a distinguished reputation with commercial, industrial, and manufacturing firms, the School Building Authority, county boards of education, the state's colleges and universities, and other entities as a noted leader in this field. Our extensive experience has yielded a specialized, efficient project approach, in which we incorporate the most up-to-date technologies for all aspects of audits, renovations, design, and construction. This promotes the development of modern facilities within existing structures, while preserving the character of the existing buildings and providing an enhanced environment in which to work, all accomplished within a cost effective, affordable



MSES consultants, inc. - The Firm

budget. MSES has the full time in-house staff that is experienced in all architectural, engineering, auditing, and design aspects. Our services are further complemented by full time in-house personnel with a variety of certifications and specializations, including Indoor Air Quality Specialist, Certified Industrial Hygienist, Lead-Based Paint Risk Assessor, ADA Compliance Specialist, certified asbestos personnel, life safety and fire safety engineers, air sampling personnel, bacteria and fungi sampling specialists, and other specialized disciplines. With the combination of our diversity and our 37 years of professional experience in the design, new construction, and renovation of facilities, MSES truly lives up to its reputation as a full service provider of architectural, engineering, auditing, design and environmental services.

MSES CONSULTANTS, INC. AND FACILITIES

Since its inception in 1976, MSES Consultants, Inc. has developed and maintained an intimate connection with a diverse clientele base. This has provided MSES with extensive experience in commercial, industrial, institutional, manufacturing, and other projects, ranging from supermarket store renovations to design and construction of new medical facilities. One of the unique factors that has prompted our knowledge of and responsiveness to these needs is the presence of former industrial, manufacturing, utility, and public sector/educational facility employees among our ranks of seasoned professionals.

MSES has benefited from the national and international expertise of various professionals among our ranks who have worked for such diverse entities as the Veterans Administration, West Virginia and Kentucky Departments of Transportation, USEPA, various natural gas and electric utility companies, CH2M Hill, ERM Midwest, Union Carbide Corporation, GE Specialty Chemicals, WVU and Marshall University. These key employees contribute a wealth of knowledge and a breadth of experience that is difficult to match.

In addition to employee experience, another factor for MSES's continued success is the unusual degree of longevity and company loyalty among our personnel. Our many long-term and repeat clients are appreciative of the continuity that this affords, and are refreshed with the degree of familiarity and prior knowledge with which each subsequent project is met. It is this unique combination of knowledgeable, experienced, talented, and devoted principals and employees that has brought MSES Consultants to the forefront as a provider of total architectural, engineering, environmental and management services.

Our mission is to plan and design the new construction and renovation of buildings and their interiors in order to promote productivity, enhance the quality of life of users and visitors and contribute value to the environment. We believe good design is the physical expression of sound ideas, imagination and creativity.



Rather than work from a predetermined approach, we strive to create environments that are a thoughtful response to their program mission, physical setting and functional purpose. A guiding principle of MSES Consultants, Inc. is that each project reflects the spirit and personality of its owner.

OVERALL CAPABILITIES

MSES Consultants, Inc. is one of the largest West Virginia-owned and diversified consulting architectural, engineering, environmental, and project management firms in the State. For over 37 years we have provided quality services to a wide range of federal and state agencies, public and private clients, with commercial, industrial, manufacturing, institutional, County Boards of Education, the State's college system, and other entities representing a significant portion of our past and present assignments.

Due to the many factors discussed previously, MSES is intimate with all aspects of building audits, renovations, new construction, life safety codes, IBC codes, HUD energy audits, West Virginia Fuel and Energy compliance, 504 Handicap Compliance, federal, state, and local procurement requirements, and codes and ordinances for most municipalities for building renovations and new construction. In addition, we are keenly aware of the many challenges and problems that may be inherent to these processes. The benefits of our experience and diligence are perhaps most effectively demonstrated by our large number of long term clients. For many, we have provided continuing services for multiple projects for over 25 years.

MSES' status as a West Virginia firm, our more than 37 years of experience, and the variety of services we provide, have allowed MSES and our professional staff to foster working, knowledgeable, one-on-one relationships with many local, state, and federal agency personnel. MSES maintains almost daily contact with the West Virginia Public Service Commission, the West Virginia Department of Natural Resources, West Virginia Department of Environmental Protection, Office of Oil and Gas, Homeland Security and Emergency Services Department, and the Huntington and Pittsburgh Districts of the US Army Corps of Engineers.

In addition to our work within the State of West Virginia, MSES also has extensive experience throughout much of the eastern United States, having completed ambitious projects in states such as New York, Pennsylvania, Ohio, Maryland, Virginia, Kentucky, and Tennessee. Many among our staff maintain professional registration in these states, where applicable, which are representative of a variety of disciplines.



Indefinite Delivery Contracts

INDEFINITE DELIVERY CONTRACTS

As a reward for MSES' knowledge, responsiveness, and diligence, a great deal of trust has been established between MSES and our clientele. This has resulted in the maintenance of numerous master service/indefinite delivery agreements and contracts for many of our long term clients, some of which are identified below:

- **City of Clarksburg, City Engineer** – MSES was selected in January 1999 as the Engineer for the City of Clarksburg, West Virginia, with MSES staff member John Keeling, PE, CIH, CSP, serving as the City's Engineer/Public Works Director. MSES provides the City with all its engineering, planning, code inspectors, environmental, infrastructure, and funding/budget planning needs. MSES's contract was recently renewed for three (3) years.
- **UCAR Carbon Company (formerly Union Carbide Corporation), Anmoore, WV.** MSES has maintained a long-standing relationship with this company and has assisted this facility on an ongoing basis with the plant's air emission permits, water discharge permits, solid waste compliance, and a variety of engineering projects with the Huntington and Pittsburgh USACE Districts for Phase I and Phase II environmental screenings and real estate and mineral appraisals since 1982 and 1992, respectively.
- **Dominion Transmission, Inc. (formerly CNG Transmission Corporation)** MSES has maintained a master service agreement with this firm since 1990, for the provision of engineering, surveying, mapping, and corrosion surveys.
- **Dominion-Hope (formerly Hope Gas, Inc.)** - Since 1992, MSES has retained a master service agreement with Hope Gas which includes engineering, surveying, mapping, environmental sampling, reviews, environmental assessments, and right-of-way acquisitions.
- **Dominion-Peoples (formerly Peoples Natural Gas)** - MSES currently holds a master service agreement with this company for corrosion engineering and surveys, and internal corrosion sampling and analysis.
- **USDA Natural Resources Conservation Service** – In 2005, MSES completed the fifth year of a five (5) year indefinite delivery contract to conduct county-wide water resources studies throughout the State of WV. These involve compilation and analysis of extensive physical, chemical, geographic, and socio-economic data in order to develop feasible planning documents for the provision of safe, reliable, drinking water supplies and wastewater treatment and collection systems for designated counties throughout the state.



About Firm

- **United States Department of the Army, Huntington and Pittsburgh Districts, Corps of Engineers** - MSES has maintained annual indefinite delivery contracts with the Huntington and Pittsburgh USACE Districts for Phase I and Phase II environmental screenings and real estate and mineral appraisals since 1982 and 1992, respectively.
- **United States Postal Service** - MSES recently completed a three-year indefinite delivery services contract for environmental and engineering services of existing/newly-acquired post office sites throughout Virginia, West Virginia, and Kentucky. These services include site selection, surveys, site development planning, permitting, architectural, and Phase I/II environmental site reviews. The project services were based upon audits of existing Postal Service-owned and leased facilities, in which the buildings were evaluated to determine their compliance with energy, architectural, engineering, and safety requirements. The audit results were used to determine recommendations for the continuing use, renovation, or construction of new facilities. MSES continues to work with USPS on a project by project basis.
- **Government Services Administration (GSA)** - In 1999 MSES was awarded a five (5) year indefinite delivery contract to provide architectural, building audits, engineering, environmental, safety, indoor air quality, and project management services for buildings under GSA control within the states of Pennsylvania, West Virginia, Maryland, and Virginia. Typical services provided include building interior and exterior renovations, life safety system upgrades, fire sprinkler systems, security systems, HVAC, electrical, lighting, indoor air quality, and energy audits, to list a few.

SUPPORT FACILITIES

In order for a team to be effective, it must be supported by modern and extensive equipment, laboratory accommodations, and data processing resources. As a full service organization, MSES possesses the facilities necessary to support all aspects of its projects, from the collection of field and survey data, through the performance of physical/chemical sample collection and analysis, to the reduction, analysis, and final presentation of project data. State-of-the-art software is also used for complex modeling and data presentation, and the development of client-specific training modules, visual productions, and audio-visual media and technical support for public information/relations campaigns.

Building Renovation Support

In addition to the architectural and engineering services we provide, MSES is unique relative to any other firm in the State by maintaining a qualified staff to sample, analyze, and interpret analytical results for environmental issues that may



About Firm

often be associated with modifications to older facilities. Included among these are concerns related to asbestos-containing materials, paints containing lead, radon, and other environmental risks. MSES's staff includes Certified Industrial Hygienists, asbestos inspectors, asbestos manager/planners, asbestos abatement designers, lead based paint risk assessors, radon risk assessors, air sampling personnel, and bacteria and fungi specialists, among others. The expertise of these skilled individuals, in combination with our laboratory support facilities, ensures the accurate and timely identification of materials of concern, the development of remediation planning, and the safe and proper removal of identified materials, thus facilitating successful renovations.

Laboratories

MSES Consultants, Inc. maintains an in-house laboratory for corrosion needs and wet chemistry methods in the physico-chemical analysis of air, asbestos containing materials, lead based paint, indoor air quality, soils, surface water, and groundwater samples. Additional samples may be analyzed by laboratory facilities with whom MSES has maintained established, long-term relationships.

Data Processing/Automated Drafting

MSES has a large number of Computer-Aided Design and Drafting (CADD) systems, which increases the efficiency of planners, designers, and engineers, and allows greater design flexibility. We now have over 26 CADD units of various types and configurations in use daily on our projects. We utilize Autodesk® Revit® 2013, AutoCADD and the more powerful Intergraph CADD units for design and data reduction and presentation. In addition, we have an in-house networked system of computers and processing equipment, with a fully networked array of programs to assemble and download data, and manage tables, databases and spreadsheets. Our survey equipment, GPS instruments, and hand-held computerized data collectors are integrated to download field information directly into our in-house network system. We are versed in Geographic Information Systems (GIS) methods, with expertise in ARC/Info and Small Worlds.

The growing in-house library of computer programs includes a collection of software for survey and mapping, hydrologic/hydraulic studies, contaminant fate and transport modeling, human health-based risk analysis, water resources management, water system facility design, treatment plant design, modeling of groundwater and other natural systems, geotechnical investigations, air issues, data management, and cost estimating. In addition to engineering software, MSES uses the latest PC-based support tools to manage and enhance its assignments, including project management, spreadsheet, database management, personnel time logs, graphic, word processing, and desktop publishing.



QUALITY CONTROL

Quality control results primarily from the attention to quality given by each team member. Quality is a continuous, day-in and day-out attitude of the staff, more so than a program. However, our attention to quality has also been developed in a program as follows:

Our Continuous Quality Improvement (CQI) Program

BAI/MSES has a firm-wide CQI program that all employees participate in every week. It develops effective problem identification and solving skills that apply to all of our projects. This program is monitored by managers throughout the firm to be sure that we are constantly improving our technical and management skills. Even more important, our CQI program engenders an attitude in all of the staff to look for ways and ideas to improve the quality and effectiveness on every assignment.

Project Management and Quality Assurance Plans

Every project includes a specific project management and quality assurance plan. This assures that our projects meet our standards for correct and effective projects.

Our Standards for Successful Projects

BAI/MSES has a stellar reputation among owners, regulators, and contractors for all phases of building codes and environmental compliance, for the development of corrective solutions and effective, complete, quality designs that can be executed with confidence. This reputation is the culmination of over 80 combined years of successful projects, founded upon our extensive engineering, architectural, life safety, and compliance experience, our knowledge of jurisdictional protocol and applicable regulations, and our ability to develop corrective solutions which not only satisfy regulatory requirements, but manage to do so in a cost effective manner. We are proud of our accomplishments in the architecture, engineering and environmental arenas, and our ever-growing roster of satisfied repeat clients attests to our continued commitment to quality, dedication, and service.



ENVIRONMENTAL

MSES Consultants, Inc. (MSES) was originally founded in 1976 as an Environmental Consulting Company. Over the years, MSES expanded its Environmental Services, as well as adding Civil, Electrical, Mechanical and Safety Engineering Services with Drafting and Survey provided to supplement the various Engineering expertise.

MSES' environmental capabilities are listed below:

- Environmental Permitting (Air, Wastewater, and Stormwater Discharges); Environmental Plan Preparation (Groundwater Protection, Stormwater Pollution Prevention, Facility Response Plans, Waste Management Plans, etc.);
- Environmental Inspections/Audits;
- ISO 14001 Registration Assistance;
- Environmental Regulation Compliance/Interpretation (Local, West Virginia and Federal);
- Indoor Air Quality Studies (Ventilation, Air Contaminants, Identification and Quantification, Microorganism Assessments);
- Asbestos (Inspections, Management Plans, Abatement Specifications, Abatement Monitoring, Clearance Air Monitoring);
- Lead Based Paint (Inspections, Abatement Specifications, Abatement Monitoring, Clearance Air Monitoring);
- Landfill (Design, Construction Specifications, Construction Monitoring);
- Contaminated Soil/Groundwater (Assessment, Clean-up Specifications, Clean-up Monitoring, Clearance Sampling, Voluntary Remediation Plan Preparation/Implementation);
- ASTM Phase I, II, and III (Environmental Site Assessments);
- Water System Design;
- Wastewater System Design.



ENVIRONMENTAL

The MSES Staff includes the following environmental specialists:

- Civil Engineers;
- Environmental Chemists;
- Biologists;
- Meteorologist; and
- Industrial Hygienist.

MSES personnel maintain a wide variety of professional licenses/certifications. A list of licenses/certification maintained by one or more of the MSES staff is listed below:

- Registered Professional Engineer (PE);
- Certified Industrial Hygienist (CIH);
- Qualified Environmental Professional (QEP);
- Licensed Remediation Specialist (LRS);
- Licensed Asbestos Inspector;
- Licensed Asbestos Management Planner;
- Licensed Asbestos Clearance Air Monitor;
- Licensed Lead Inspector;
- Licensed Groundwater Monitoring Well Installer; and
- Licensed Underground Storage Tank Closure Specialist.

APPROACH TO ENVIRONMENTAL SURVEYS

MSES typically utilizes the following approach to environmental survey:

- Project Initiation in which Project Objectives are Defined;
- Field Work Performed;
- Analysis of Samples (if required);
- Review of Information (Data Obtained and Identification of Regulatory/Best Management Practices);
- Report Preparation; and
- Review of Findings with Client.



Professional Educations

BAI/MSES employ a professional staff of full-time professionals with experience in numerous disciplines.

Category	Number of Employees	Education		
		Associate Degrees	Bachelor Degrees	Advanced Degrees
Administrative	6	2	3	--
Architect	2	--	2	1
Architect-In-Training	2	--	2	2
Chemical Engineer	1	--	1	1
Chemist	1	--	1	--
Civil Engineer	3	--	3	--
Resident Construction Engineer	2	1	1	--
CAD/Design Draftsman	2	--	2	--
CAD/Drafter	5	3	1	--
Environmental Geographer (GIS)	1	--	1	--
Ecologist	1	--	1	1
Meteorologist	1	--	1	--
Electrical Engineer	3	--	3	--
Geologist	1	--	1	--
Hydrologist	1	--	1	1
Landscape Architect	1	--	1	--
Environmental Engineer	2	--	2	1
Mechanical Engineer	2	--	2	--
Mining Engineer	2	--	2	1
Industrial Engineer	1	--	1	--
Sanitary Engineer	2	--	2	--
Soil Engineer	2	--	2	--
Transportation Engineer	1	--	1	--
Certified Industrial Hygienist	2	--	2	--
Certified Safety Professionals	2	--	2	--
Safety Engineer	1	--	1	1
Land and Right-Of-Way Agents	3	--	3	--
Paralegal	2	--	2	--
Surveyors	6	4	2	--
Economist	1	--	1	1
Biologist	2	--	2	2
Botanist	1	--	1	1
Engineering Technicians	4	3	1	--
Survey Support	11	4	--	--
Certified Web Designer	1	--	1	--

BAI/MSES professionals are supported by the latest computers and computer software, electronic and satellite survey, computer-aided drafting and design, in field data collectors, and our in-house graphic, web development and document reproduction center.



Project Approach



Phase 1

BAI/MSES will work with the West Virginia Lottery to design renovation project in accordance with all State, Federal and Local regulations pertaining to the project and within the approved budget. The firm will include analysis and recommendations of existing conditions at the site, land surveying, geotechnical engineering, as well as space planning, life safety, data/communications, mechanical, electrical, fire suppression/fire alarm/smoke control systems and construction phasing. The firm will be responsible for verifying, coordinating and documenting site and building components across all disciplines.

Phase 2

During the second phase of the project, BAI/MSES will provide a comprehensive design with development of construction documents, support during bidding analysis and construction observation. Once bids are accepted by the West Virginia Purchasing Division, BAI/MSES will proceed with the necessary Standard AIA Contracts and work with the contractor(s) to establish construction schedules to meet the time guidelines of the project.

Use of Project Websites

BAI/MSES creates project websites used by owners and reviewing agencies during the schematic and design development phases. Initial design websites are used to feature project updates, renderings and floor plans for review, as well as preconstruction site photography and site plans. The review phase for construction documents used to take weeks, where now reviewing agencies can access the most up-to-date documents immediately upon completion and download. This technology has also been proven to increase the interest of contractors and suppliers during bidding. Many years ago BAI/MSES implemented a plan to allow free bid document downloads to contractors, vendors and suppliers during the bidding phase. During construction, the website features site progress photographs and panoramas for Owner access from their offices.

With the use of free document downloads, BAI/MSES has significantly improved project communications and reduced the length of the design review phase. It also provides the owner extensive cost-saving in reproduction expenses, reduces paper usage, which reduces the environmental impact overall.



Infrared Electrical Scanning

As stated under the project scope, the project will include infrared scans of existing electrical equipment in the entire building together with report of results, structural review of entire building and a report of results, additional exterior building signage, and an itemized list of lighting and HVAC for energy rebate.

MSES uses the Fluke Industrial Thermal Imager (Ti32) to scan electrical equipment, electrical drivers, electrical transformers, electrical distribution boxes, electrical motor control centers, electrical switch gear and other electrical equipment. This Thermo Imager provides both real time data and digital picture capture of the items scanned. The Fluke Ti32 leads the industry in thermal sensitivity and spatial resolution combined with a high definition display.

In addition to this Thermo Imager, MSES has two individuals that are certified by the National Insurance Council as Thermo Imager Operators. The individuals at MSES that would use this Thermo Imager are safety and industrial hygiene specialists. The lead specialist would be Mr. Ron Cutlip, which is a Certified Industrial Hygienist and a Certified Safety Professional.

MSES routinely provides this service to its industrial clients such as:

- Grafftech
- Allegheny Woods
- Dupont
- Sabic
- FMC Corp.
- Pratt Whitney Aircraft of WV

Some of our commercial clients include:

- Auto Zone
- Kroger

This similar service has also been provided to the following West Virginia cities:

- City of Clarksburg
- City of Beckley
- City of Fairmont



FLUKE Ti32

- 320x240 IR resolution
- 76,800 total IR pixels



LEED / Green Design



LEED Accredited Professionals

BAI/MSES is proud to be a member of the United States Green Building Council and for many years has incorporated a broadening spectrum of sustainable design strategies as part of our standard operations. Green building practices can greatly reduce the negative environmental impact of the construction process, and green design can provide more "livable" buildings with healthier, more productive environments and lower building maintenance and operating costs. Achieving a LEED certification for a structure is an involved process that requires professional assistance, and proper planning is essential from the very beginning of a project. With two LEED Accredited Professionals and one LEED Green Associate on staff, consideration of the Leadership in Energy and Environmental Design philosophy is integral to our design and planning process.

Our LEED APs are experienced in architectural and mechanical design and construction and are proponents of incorporating the green design philosophy into real world building projects. Building evaluations contain specific strategies used to improve building resilience and to provide adaptive benefits. These strategies can be divided into the following categories: envelope, siting and landscape, heating, cooling and lighting, water and waste, equipment and process, and operation. Common goals of LEED design are to decrease operating and maintenance costs, attract new tenants, increase building ROI, increase building/asset value, improve indoor environment and air quality, greater productivity of building occupants and increase tax incentives.

Many of these projects have featured:

- Advanced intelligent control systems (thermostats, etc..)
- Motion detected plumbing and lighting fixtures
- Design to maximize occupant comfort; day lighting (sun screens & shading)
- Passive and natural ventilation (operable windows)
- High efficiency plumbing fixtures, lighting and equipment
- Low VOC emitting materials
- Locally harvested and manufactured materials
- Community connectivity



THINK GREEN BAI/MSES LEED Capabilities



PROJECT PLANNING & DESIGN

Kenton Blackwood, LEED AP

Associate AIA
Vice President - BAI



Stacey Bowers, AIA, LEED Green Associate

Project Architect - BAI



MECHANICAL ENGINEERING/HVAC

Dave Skeen, PE, LEED AP

Project Manager - MSES



References



References

Marion County Board of Education

Planning of Multiple Projects, CEFP

Contact: **Mr. Gary Price**, Superintendent
1-304-367-2107 or gprice@access.k12.wv.us

Barbour County Board of Education

Planning of Multiple Projects, CEFP

Contact: **Dr. F. Joseph Super**, Superintendent
1-304-457-3030 or fsuper@access.k12.wv.us

Pleasants County Board of Education

Planning of Multiple Projects, CEFP

Contact: **Mr. Michael Wells**, Superintendent
1-304-684-7099 or gwells@access.k12.wv.us

WV Division of Veterans Affairs

West Virginia State Veterans Cemetery, Institute, WV

Contact: **Mr. Keith Gwinn**, Director
1321 Plaza East – Suite 109 - Charleston, WV
1-304-558-3661 or wvvetaff@aol.com

Randolph County Board of Education

Planning of Multiple Projects, CEFP

Contact: **Mr. Terry George**, Interim Superintendent
1-304-636-9150 ext. 105 or tgeorge@access.k12.wv.us

Mineral County Board of Education

Planning of Multiple Projects

Contact: **Mr. Steve Peer**, Assistant Superintendent-Finance
1-304-788-4200 or gpeer@access.k12.wv.us

Human Resource Development Foundation, Inc.

Planning of Multiple Projects including major renovations

Contact: **Mr. Kenny Purdue**, President - WV AFL-CIO
1-304-344-3557 or kperdue@wvaficio.org



Key Personnel



Key Personnel

All of the following key professional staff members will be assigned to work on the project. Their specific percentage of time devoted to the contract will vary according to specific project needs.

ARCHITECTURAL:

Administrative • Architectural Design

- Pamela J. Wean, AIA – Acting President
- Jeffrey T. Wise –BAI/MSES Managing Director

Architectural Team • Code Compliance • LEED

- Kenton Q. Blackwood, LEED_{AP}, Assoc. AIA – Vice President
- Stacey L. Bowers, AIA, LEED Green Assoc. – Project Architect
- Nate H. Zirkle, Assoc. AIA – Architect-in-Training

ENGINEERING:

Administrative

- Lawrence M. Rine – Principal and Quality Assurance

Environmental

- John J. Keeling, PE, WV, CIH, CSP, QEP
- Ron Cutlip, CIH, CSP

Mechanical Engineering • HVAC

- David L. Skeen, PE, LEED_{AP}

Electrical Engineering

- Jeff Pauley, PE, PS
- David P. Kirby

Civil • Site Engineering

- Rod Kidd, BSCE



Pamela J. Wean, AIA

Acting President

Years of Experience with BAI: 15

Years of Experience with Other Firms: 13



Education:

Bachelor of Science - Architectural Technology, Fairmont State College
Assoc. of Applied Science - Interior Design, Fairmont State College

Registration:

Registered Architect

West Virginia - Ohio

Professional Organizations:

American Institute of Architects
West Virginia Society of Architects
National Trust for Historic Preservation

Employment History:

Plans Examiner and Code Official, City of Kettering, OH
Associate/Project Architect, Levin Porter Associates Inc., Dayton, OH

Experience Summary:

Pamela Wean joined Blackwood Associates, Inc. as an architect. Her duties include project management, development of construction documents, advanced architectural design, and technical illustrations. In addition to being a former Code Official in Ohio, she acted as designer and/or project architect on the following projects:

- New East Fairmont Middle School, Fairmont
- Fairmont Senior High School Renovations, Fairmont
- Co-Occurring Facility at Jackie Withrow Hospital, Beckley
- Simpson Elementary School Addition, Clarksburg
- Pinecrest Hospital – 5 Bed TB Unit
- Mildred Mitchell-Bateman Hospital – 35 Bed Patient Unit
- WV 120 Bed Veterans Nursing Facility
- William R. Sharpe Jr. Hospital - Transitional Facility
- Jayenne Elementary School Addition/Renovations, Fairmont
- PACETEC Training and Evaluation Center, Morgantown
- Augusta & Romney Elementary School Additions
- Tucker County High School Additions
- Tygarts Valley High School Additions
- Addition and Renovation to Anna Jarvis Elementary School



Kenton Q. Blackwood, LEEDAP, Associate AIA

Vice President

Years of Experience with BAI: 31

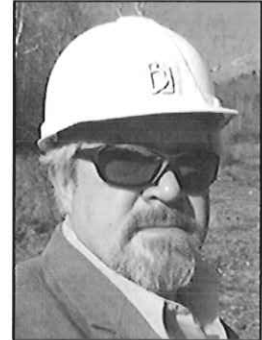
Education:

West Virginia University

Professional Organizations:

LEED Accredited Professional

Associate Member of American Institute of Architects



Experience:

Kenton Blackwood has been with Blackwood Associates, Inc. for more than 30 years. He directs the BAI staff in the planning and design of facilities throughout West Virginia. He is experienced in site evaluation and design, building program evaluation, planning and design, construction document development and on-site construction observation.

In addition, he has taken BAI to the forefront of technological architectural media with his knowledge of vector-based 3D computer modeling and CAD applications. His proficiency with "virtual reality" modeling allows BAI to use these technologies as a design tool. Where other firms may provide elevations or a traditional architectural rendering to convey an idea, BAI can take a client around and through a design, studying different forms, lighting, color schemes and finishes, and make any revisions before the first shovel of soil is overturned.

Kenton Blackwood's skills as a designer and modeler have benefited many clients. Developers, administrators, school boards, design committees, and non-profit groups have used his skills to help obtain funding and approval for proposed projects all across West Virginia.

In addition to his talent as a 3D designer, Kenton Blackwood has provided important design input on and/or served as job captain on dozens of projects. Some of these projects include:

- New Keyser Primary School, Keyser
- New St. Marys High School, St. Marys
- Donel Kinnard Memorial State Veterans Cemetery, Institute
- Junior Elementary School Additions/Renovations
- Harrison County 4-H Recreation Center, Clarksburg
- BC Bank Fairmont Branch Office, Fairmont
- SteppingStones Recreational Facility, Morgantown
- Hopemont Hospital – Exterior Upgrades
- William R. Sharpe, Jr. Hospital, Weston, WV – Courtyard Enclosure
- VA Medical Center, Clarksburg, WV - Women's Clinic
- Veterans Square Plaza and Parking Garage, Fairmont, WV – **AIA Award Winner**
- Hutchinson House Historic Restoration, Fairmont, WV – **AIA Craftsmanship Award Winner**



Stacey L. Bowers, AIA, LEED Green Assoc.

Project Architect

Years of Experience with BAI: 3

Education:

Master of Architecture
University of Illinois at Chicago, IL

Study Abroad via UIC Institute d'Architectura
Advancada de Catalunya, Barcelona, Spain

Bachelor of Science in Architecture
Fairmont State University, Fairmont, WV
Summa Cum Laude with Honors

Registration:

Registered Architect
West Virginia

Professional Organizations:

Member of American Institute of Architects
LEED Green Associate

Employment History:

Architectural and Design Intern
Vandalia Heritage Foundation, Fairmont, WV

- designed housing and commercial spaces for redevelopment projects
- designed railroad cafe, hosted meetings with potential contractors
- designed logo and marketing materials for history museum
- created drawings for preservation projects
- apartment building preservation summer project
- streetscape redesign proposal

Experience Summary:

Stacey Bowers joined Blackwood Associates, Inc. as a designer and intern architect. Her duties include project design development, project field reviews and project LEED assessment. She has been involved in the following projects:

- Ritchie County Courthouse Renovations – Harrisville, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Clarksburg Harrison Public Library Renovations, Clarksburg, WV





Nathaniel H. Zirkle, Assoc. AIA

Architect Intern

Years of Experience with BAI: 3

Education:

Master of Architecture
Boston Architectural College, Boston MA
Distance Program
Graduated August 2012

Bachelor of Science in Architecture
Fairmont State University, Fairmont WV
Honors: Cum Laude

Professional Organizations:

Associate Member of American Institute of Architects

Experience Summary:

Nate Zirkle joined Blackwood Associates, Inc. as a designer and CAD technician. His duties include project design development, project field reviews and project construction observation. He has been involved in the following projects:

- Comprehensive Educational Facility Plans –
 - Mineral County
 - Marion County
 - Harrison County
 - Lewis County
 - Pleasants County
 - Randolph County
 - Barbour County
- Addition to Simpson Elementary, Bridgeport, WV
- Co-occurring Facility at Jackie Withrow Hospital, Beckley, WV
- East Fairmont Middle School, Fairmont, WV





Blackwood Associates, Inc.

MSES Consultants, Inc.

Jeffrey T. Wise

BAI/MSES Managing Director

Years of Experience with MSES: 16

Years of Experience with Other Firms: 15

Education

B. S. Mining Engineering, West Virginia University,

Professional Registrations/Certifications

West Virginia Real Estate License

Past Work History

Hope Gas, Inc.

CNG Transmission Corporation

U. S. Steel Corporation



Experience Summary

- Regulatory Interaction
- Sampling/Laboratory Programs
- Life Safety Codes
- Specification Development
- Property Evaluation
- Mapping
- Economic Feasibility
- Site Development
- Site Utilities
- Erosion and Sediment Planning
- Code Compliance
- Market Analysis
- Risk Assessment/Analysis
- Project Management (Partial List of Projects)
- Phase 1 & 11 Investigation
- Data Base Systems
- Health & Safety Programs
- Job Costing
- Site Surveys
- QA/QC Inspection & Compliance
- Land Planning
- Brownfields Specialist
- Water/Wastewater Systems
- Stormwater
- Appraisals
- Commercial/Retail Development

Marion County Schools, Countywide School Improvement Bond, Fairmont, WV
Mineral County Schools, Countywide School Improvement Planning, Keyser, WV
Pleasants County Schools, Countywide School Improvement Bond, St. Marys, WV
WVU President's House, Morgantown, WV
Stonewall Jackson Lake State Park Lodge and Conference Center, Roanoke, WV
Veterans Square Parking Garage, Fairmont, WV
Fairmont State College Athletic Complex Lighting, Fairmont, WV
Erickson All Sports Athletic Complex, Parkersburg, WV
Hazelton Prison, FBOP, Hazelton, WV (Civil Planning)
VA Medical Center, Clinical Space, Clarksburg, WV
CDC/NIOSH North Parking, Morgantown, WV
Ripley High School, Ripley, WV
Robert L. Bland Middle School, Weston, WV
Marion County Schools, 4 School Additions, Fairmont, WV
Lewis County Schools, Countywide School Improvement Bond, Weston, WV
120 Bed VA Nursing Home, Clarksburg, WV
DHHR - State Office Complex, Clarksburg, WV
City of Ripley - Municipal Building, Ripley, WV

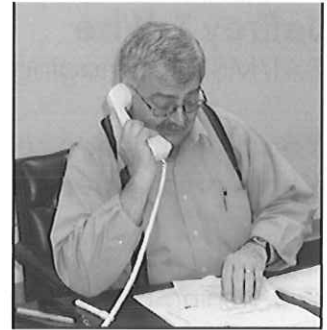


Lawrence M. Rine

Principal and Quality Assurance/Quality Control Manager

Years of Experience with MSES: 36

Years of Experience with Other Firms: 14



Education

B. S. Mechanical Engineering, West Virginia Institute of Technology

B. S. Mining Engineering, West Virginia Institute of Technology

Masters Study, Environmental Engineering, Cornell University

Professional Registrations/Certifications

Certified Monitoring Well Designer and Installer - WVDEP

Licensed West Virginia Underground Storage Tank Closure/Installation Specialist

Class I Certified Public Water Supply Operator, West Virginia

Class II Certified Wastewater Treatment Plant Operator, West Virginia

Certified Commercial Applicator, West Virginia and Pennsylvania

Radiation Safety Officer - NRC

Certified Asbestos Inspector/Manager/Planner/Clearance Air Monitor - WVBOH

Licensed Remediation Specialist - WVDEP

Certified Mineral Appraiser - U. S. Army Corps of Engineers

Member State School Building Authority - Indoor Air Quality Committee

Professional Organizations

West Virginia Independent Oil and Gas Association (Environmental Committee Member)

Virginia Independent Oil and Gas Association (Association's Outstanding Member, 1990)

Pennsylvania Independent Oil and Gas Association

National Society of Professional Engineers

West Virginia Society of Professional Engineers, T. Moore Jackson Chapter

West Virginia Surface Mine and Reclamation Association

Past Work History

CNG Transmission Corporation

Experience Summary

- | | |
|-------------------------------------|---------------------------------|
| Job Costing | Waste Management/Minimization |
| Management | Hazardous Waste Management |
| Groundwater Modeling/Monitoring | Asbestos Assessment |
| Earth Sciences | Lead Base Paint Assessment |
| Risk Assessment/Analysis | NORM Assessment |
| Regulatory Interaction | Brownfields Specialist |
| Economic Feasibility | Mapping |
| Phase I/II Investigation | Noise Assessment |
| Remediation (Design and Permitting) | SARA Title III |
| RCRA Waste Units | Specification Development |
| Drilling Programs | Environmental Impact Statements |
| Bioremediation | Data Processing |
| Sampling/Laboratory Programs | Public Mtg. & Proj. Explanation |
| Property Evaluations | QA/QC Inspection & Compliance |
| NPDES Permitting | Architectural Support |
| Municipal Engineering | Radon |
| Code Compliance | Water/Wastewater Systems |
| E-911 Systems | GIS Systems/Data Management |



John J. Keeling, P.E., C.I.H., C.S.P., Q.E.P., L.R.S.

Principal and Project Manager

Years of Experience with MSES: 23

Years of Experience with Other Firms: 15

Education

B. S. Civil Engineering, University of Kentucky



Professional Registrations/Certifications

Registered Professional Engineer - West Virginia, Kentucky & Pennsylvania

Certified Industrial Hygienist, American Board of Industrial Hygiene

Certified Safety Professional, Board of Certified Safety Professionals

Qualified Environmental Professional, Institute of Professional Environmental Practice

Licensed Remediation Specialist, West Virginia, New York, and Ohio BOH

Certified Visible Emissions Observer - USEPA

Licensed Asbestos Inspector/Manag. Planner/Clearance Air Monitor - WVBOH & Ohio

Underground Storage Tank Closure Specialist/Installer - WVDEP

Certified Monitoring Well Designer and Installer - WVDEP

Professional Organizations

American Society of Safety Engineers

American Industrial Hygiene Association

Air and Waste Management Association

Harrison County SARA Title III Local Emergency Planning Committee - Chairman

West Virginia Chapter of Air and Waste Management Association - Vice Chairperson

Past Work History

Union Carbide Corporation

Kentucky Department of Transportation

Experience Summary

- Job Costing
- Management
- Earth Sciences
- Risk Assessment/Analysis
- Regulatory Interaction
- Economic Feasibility
- Phase I/II Investigation
- Remediation (Design and Permitting)
- RCRA Waste Units
- Drilling Programs
- Bioremediation
- Geographic and Hydrologic Studies
- Sampling/Laboratory Programs
- Air Permitting
- Indoor Air Quality
- Code Compliance
- E-911 Systems
- Air Emission Regulatory Compliance
- NPDES Permitting
- Waste Management/Minimization
- Hazardous Waste Management
- Air Emission Modeling
- Asbestos Assessment
- Lead Base Paint Assessment
- NORM Assessment
- Brownfields Specialist
- Health & Safety
- Noise Assessment
- Hydrologic and Hydraulic Analysis
- SARA Title III
- Specification Development
- Earth Sciences
- Environmental/Architectural Support
- GIS Systems



David L. Skeen, P. E., LEEDAP

Senior Project Engineer

Years of Experience with MSES: 25

Years of Experience with Other Firms: 13



Education

BS Mechanical Engineering, West Virginia State College, 1974

BS Mathematics, Marshall University, 1975

Professional Registrations/Certifications

Professional Engineer - West Virginia, Ohio, Pennsylvania and Kentucky

LEED Accredited Professional – US Green Building Council

ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers)

Professional Organizations

National Society of Professional Engineers

AIA West Virginia Chapter, Associate Member

Past Work History

Marshall University

Paul E. Cook Engineering, Inc.

Experience Summary

- Project Management
- Indoor Air Quality
- Noise Assessment
- Specification Development
- Job Costing
- Emergency Power Generator
- HVAC Systems Design
- Boiler System (Hot Water/Steam)
- Code Compliance
- Laboratory Exhaust Systems
- Isolation Room HVAC Systems
- Energy Recovery Ventilation Systems
- Regulatory Interaction
- Life Safety Codes
- Economic Feasibility
- National Electric Code Compliance
- Fire Protection Systems
- Energy Management systems/Audits
- Specialty Ventilation Systems
- Architectural Support/Mechanical
- Ground Source HVAC Systems
- Kitchen Ventilation Systems



Jeffrey K. Pauley, P.E., P.S.

Project Manager/Engineer

Years of Experience with MSES: 17

Years of Experience with Other Firms: 7

Education

B. S., Electrical Engineering, Tennessee Tech University

Professional Registrations/Certifications

Registered Professional Engineer - West Virginia, Ohio, N.Y., Penn. Maryland, Virginia, North Carolina, and District of Columbia

Professional Surveyor - West Virginia

Licensed State of West Virginia Master Electrician



Professional Organizations

National Society of Professional Engineers

Member Harrison County BOCA Appeals Board

Past Work History

Allegheny Power Company

Experience Summary

- Project Management
- Data Base Systems
- Life Safety Codes
- Job Costing
- Economic Feasibility
- Power Systems
- Telecommunications/Computer Systems
- Power Distribution
- Code Compliance
- Site Surveys
- Site Development
- Cathodic Protection Design/Testing
- GPS Surveys
- Regulatory Interaction
- Computer Modeling
- Specification Development
- QA/QC Inspection & Compliance
- Lighting
- Fire Alarm Systems
- Emergency Generator
- National Electric Code Compliance
- Architectural Support/Electrical
- Mapping
- Site Utilities
- AC Mitigation Design/Testing
- Close Interval Surveys



David P. Kirby
Project Electrical Engineer

Years of Experience with MSES: 1.5
Years of Experience with Other Firms: 6.5

Education

B. S., Electrical Engineering, West Virginia University
B.A., Regents, West Virginia University

Professional Registrations/Certifications

Licensed State of West Virginia Master Electrician

Past Work History

Custom Electric, Inc.
M.C. Dean, Inc.

Experience Summary

- Life Safety Codes
- Job Costing
- Economic Feasibility
- Power Systems
- Telecommunications/Computer Systems
- Power Distribution
- Code Compliance
- Site Surveys
- Site Development
- Computer Modeling
- Specification Development
- QA/QC Inspection & Compliance
- Lighting
- Fire Alarm Systems
- Emergency Generator
- National Electric Code Compliance
- Architectural Support/Electrical
- Mapping
- Site Utilities
- Residential & Commercial Wiring



Rodney D. Kidd, BSCE
Project Engineer

Years of Experience with MSES: 18
Years of Experience with Other Firms: 12

Education

B. S. Civil Engineering, West Virginia University, 1974

Professional Registrations/Certifications

Certified Compaction Technician - West Virginia Department of Highways
Certified Concrete Technician - West Virginia Department of Highways

Professional Organizations

American Society of Testing Materials
American Water Well Association
National Ground Water Association
Past Chairman – City of Bridgeport Planning and Zoning Commission

Past Work History

Union Carbide Corporation

Experience Summary

- | | |
|--|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Regulatory Interaction |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Data Base Systems |
| <input type="checkbox"/> Life Safety Codes | <input type="checkbox"/> Specification Development |
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Property Evaluation |
| <input type="checkbox"/> QA/QC Inspection & Compliance | <input type="checkbox"/> Economic Feasibility |
| <input type="checkbox"/> Soils Engineering | <input type="checkbox"/> Earth Sciences |
| <input type="checkbox"/> Flood Routing | <input type="checkbox"/> Stormwater Routing |
| <input type="checkbox"/> Geographic and Hydrologic Studies | <input type="checkbox"/> Foundations |
| <input type="checkbox"/> Land Planning | <input type="checkbox"/> Site Development |
| <input type="checkbox"/> Municipal Engineering | <input type="checkbox"/> Hydrologic & Hydraulic Analysis |
| <input type="checkbox"/> Site Utilities | <input type="checkbox"/> Plumbing System/Design |
| <input type="checkbox"/> Firewater Systems | <input type="checkbox"/> Roadway/Highway |
| <input type="checkbox"/> Subsurface Investigation | <input type="checkbox"/> Water/Wastewater Systems |
| <input type="checkbox"/> Stormwater Management | <input type="checkbox"/> Erosion and Sediment Planning |
| <input type="checkbox"/> Code Compliance | <input type="checkbox"/> Civil/Architectural Support |





Ron Cutlip, CIH, CSP
Senior Environmental and Safety Specialist

Years of Experience with MSES: 24
Years of Experience with Other Firms: 3

Education

B. S. Safety Engineering Technology, Fairmont State College, 1986

Professional Registrations/Certifications

Certified Industrial Hygienist, American Board of Industrial Hygiene
Certified Safety Professional, Board of Certified Safety Professionals
Licensed Asbestos Inspector/Clearance Air Monitor – WV Bureau of Health
Licensed USED Inspector Class B – WVDEP
Hazardous Waste Operator – OSHA
Hazardous Waste Supervisor - OSHA

Professional Organizations

American Society of Safety Engineers, Northern West Virginia Chapter – Vice President
West Virginia Safety Council

Past Work History

ASCI (Subcontractor to USEPA)

Experience Summary

- | | |
|--|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Risk Assessment/Analysis |
| <input type="checkbox"/> Regulatory Interaction | <input type="checkbox"/> Phase I and II Investigations |
| <input type="checkbox"/> Remediation (Design & Permitting) | <input type="checkbox"/> RCRA Waste Units |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Data Base Systems |
| <input type="checkbox"/> Computer Modeling | <input type="checkbox"/> Indoor Air Quality |
| <input type="checkbox"/> Asbestos Assessment | <input type="checkbox"/> Lead Base Paint Assessment |
| <input type="checkbox"/> Life Safety Codes | <input type="checkbox"/> Noise Assessment |
| <input type="checkbox"/> Health & Safety Programs | <input type="checkbox"/> SARA Title III |
| <input type="checkbox"/> Specification Development | <input type="checkbox"/> Training Programs |
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Computer Programming |
| <input type="checkbox"/> Brownfields Specialist | <input type="checkbox"/> QA/QC Inspection and Compliance |
| <input type="checkbox"/> Mold and Fungi | <input type="checkbox"/> OSHA Compliance |



Team Experience



Current Project Experience

With References



Marion County Schools

New East Fairmont Middle School

Fairmont, West Virginia

Under Construction

Contact: Gary Price, Superintendent

304-367-2100 or gprice@access.k12.wv.us



Mineral County Schools

New Keyser Primary School

Keyser, West Virginia

Under Construction

Contact: Steve Peer, Assist. Super.

1-304-788-4200 or gpeer@access.k12.wv.us



Pleasants County Schools

New St. Marys High School

St. Marys, West Virginia

Bidding

Contact: Michael Wells, Superintendent

1-304-684-7099 or gwells@access.k12.wv.us



WV Division of Veterans Affairs

*West Virginia State Veterans Cemetery,
Institute, WV*

Completed Construction

Contact: Keith Gwinn, Director

1321 Plaza East-Suite 109 - Charleston, WV

1-304-558-3661 or wvvetaff@aol.com





Past Project Experience



City of Ripley Municipal Building

Ripley, West Virginia
\$1,800,000.00
Reference: Tim King
City Engineer
304-372-3482



Harrison County 4H Facility

Clarksburg, West Virginia
\$3,240,000.00
Reference: Mike Book
Director of Harrison County Parks & Rec.
304-624-0481



William R. Sharpe Jr. Hospital Transitional Facility

Weston, West Virginia
\$2,100,000.00
Reference: Mr. David Hildreth
(304) 558-0510



Marion County Schools Comprehensive Facility Planning & School Design

Fairmont, West Virginia
Several projects ongoing
Reference: Gary Price, Superintendent
304-367-2100



PACE TEC Training & Evaluation Center Morgantown, West Virginia

\$2,900,000.00
304-599-0513



SteppingStones Recreational Center Morgantown, West Virginia

\$1,100,000.00



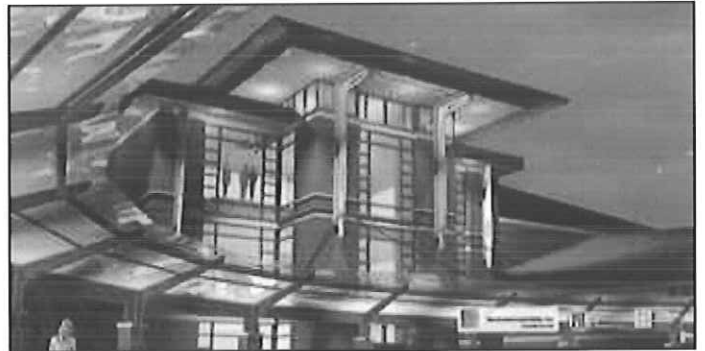
Past Project Experience



Stonewall Resort & Conference Center
Lewis County, WV
\$22 Million



Pickens School
Pickens, WV
\$3.3 Million



WV Veterans Nursing Facility
Clarksburg, WV
\$22 Million



William R. Sharpe Jr. Hospital
Weston, WV
\$30 Million



BC Bank Branch Facility
Fairmont, WV
\$2 Million

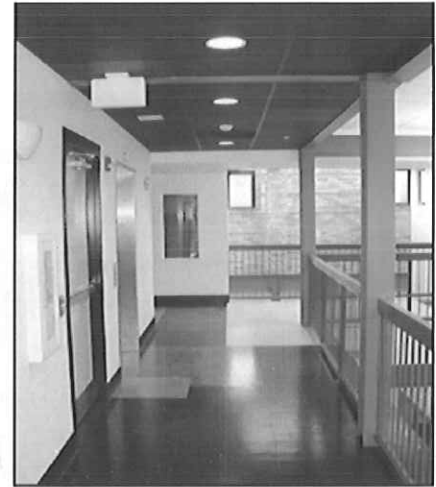
Veterans Square Building Fairmont, WV



The Adams Street facade and Front Addition, as seen here, of the G.C. Murphy Building was constructed in 1932, and declared a "Contributing Structure" to the Historic Downtown Fairmont by the National Park Service. However, to claim the 30% total federal and state tax credits, Blackwood Associates, Inc. had to assist the Owner in completing Historic Preservation Certification Forms. Completion of these forms included extensive photographic documentation of existing building features labeled and keyed to proposed rehabilitation/preservation work.

In addition, documentation included written descriptions of the existing conditions and proposed corrective work. Blackwood Associates, Inc. maintained informative communications with the Owner, the State Historic Preservation Office, and the National Park Service throughout the application review process. BAI efforts led to successful approval of the first submission. As a result, the project was able to proceed without delays from the application process. Tax credits obtained by the Owner ultimately assured receipt of financing for the 65,000 SF project.

Veterans Square Building Fairmont, WV

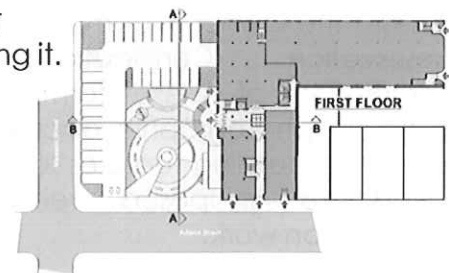


The Adams Street facade of the G.C. Murphy Building represents a time period when downtown Fairmont was a thriving retail district with its low, linear style Art Deco influence and brick construction.

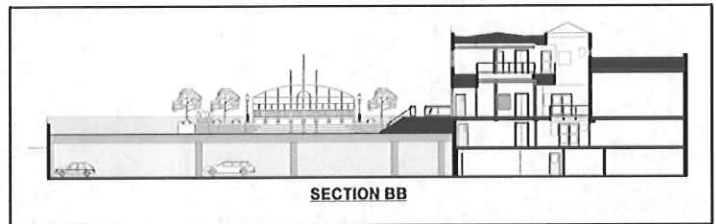
Many of these features and details were maintained in the new construction, including exposure of the original steel and masonry structure.

The G.C. Murphy Building was a unique design challenge in meeting the Department of Interior National Park Service and the State Historic Preservation Office regulations and requirements for rehabilitating historic buildings.

After adjacent buildings were demolished, a 160 ft. long facade (that was a blank wall) had to be designed to overlook the new Veteran's Plaza, yet remain a minor entrance facade in architectural features when compared to the historic Adams Street facade. The types of materials, number, size and style of windows had to be designed in order to relate to the historic facade without matching it or de-emphasizing it.

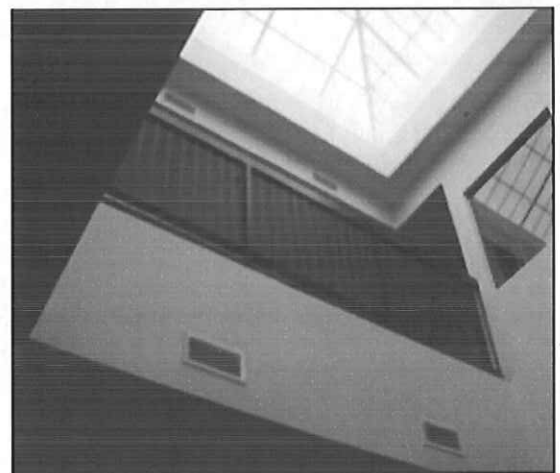


Veterans Square Building Fairmont, WV



The developer wanted the interior to elicit a "WOW" response from visitors. The look was to be exciting and distinctive, attractive to high-tech tenants, and in sharp contrast to the historic exterior. A boldly colored, three story atrium is bathed in the natural light from multiple windows and a pyramid skylight. Installation of the pyramid skylight brings natural light to interior space on three of the four floors. 'Punched' openings also allow the natural light from the skylight to pour into the adjacent interior office spaces.

Original structural steel elements were cleaned and painted to accent a bright and colorful interior. Old brick walls were left exposed and reflect the original architecture – creating 21st century, high-tech spaces with a taste of history.



Veterans Square Building Fairmont, WV



The Veterans' Square Building contained 65,000 square feet of usable area. Approximately 90% of this space has now been built-out for Information Technology companies that have come into North Central West Virginia from all over the east coast. BAI has used some unique approaches to provide Class A office space from a structure that was not far from the wreckers ball.

Veterans Square Building Fairmont, WV



Before
&
After





Relevant Experience

MARION COUNTY BOARD OF EDUCATION

Fairmont Senior High School

Multi year Additions and Renovations with HVAC

Blackwood Associates, Inc./MSES Consultants, Inc. recently bid the Fairmont Senior High School Renovations & Upgrades Bond Project for Marion County Board of Education. The most current portion of this project was recently bid and will cost \$4.2 million.

The total renovation cost using several funding sources (QZAB, Local, SBA and Federal Stimulus) and programs will be in excess of \$11.0 million. 30-50 years of additional life will be put back into the original structure.



Work includes:

- Removal of existing windows, guards, blinds, & window A/C units.
- Removal and replacement of HVAC system.
- Installation of new windows, guards and blinds.
- Installation of sprinklers.
- Installation of ceilings.
- Plaster patching.
- Removal and replacement of lighting.
- Removal and replacement of fire alarm.



Relevant Experience

MARION COUNTY BOARD OF EDUCATION

Jayenne Elementary School

Multi year Additions and Renovations with HVAC

Blackwood Associates, Inc./MSES Consultants, Inc. was selected to provide architectural/ engineering services for the new Jayenne Elementary School Classroom Addition project in Fairmont, West Virginia. The project was funded through the School Building Authority.

The \$2.9 million project work included a three-story addition with 6 classrooms, elevator and associated rooms. Renovations to the existing school included interior finishes, sprinklers, plumbing, mechanical and electrical upgrades.





Relevant Experience

LEWIS COUNTY BOARD OF EDUCATION

Robert L. Bland Middle School
Multi year Additions and Renovations – HVAC

Blackwood Associates, Inc./MSES Consultants, Inc. were selected by Lewis County Board of Education for the renovation project completed at Robert L. Bland Middle School. The project was constructed for \$6 million.



Work consisted of:

A new fire alarm system and sprinkler system in the Votech Building; replacement of all curtain wall systems with new masonry infill and aluminum windows; new aluminum windows on the gymnasium; roof replacement on 1991 building addition; furnishing and installation of ceilings in corridors and classrooms; new light fixtures in corridors and classrooms and new receptacles in classrooms; replacement of campus intercom system; removal and replacement of existing asbestos containing floor tile and partitions; improving the acoustics of the Band Room; security fencing; upgrading of existing restrooms for ADA compliance; restroom exhaust and heating upgrades; HVAC upgrades to the main building and related electrical upgrades; connection of the main building with the Votech; conversion of shop areas in Votech to classrooms.



Relevant Experience

HIGH SCHOOL RENOVATIONS -

HARRISON COUNTY BOARD OF EDUCATION

Bridgeport High School

Lincoln High School

JACKSON COUNTY BOARD OF EDUCATION

Ripley High School

Ravenswood High School

BRAXTON COUNTY BOARD OF EDUCATION

Braxton County High School



HAMPSHIRE COUNTY BOARD OF EDUCATION

Hampshire High School

Hampshire High School Special Services

OHIO COUNTY BOARD OF EDUCATION

Wheeling Park High School



RANDOLPH COUNTY BOARD OF EDUCATION

Tygarts Valley High School

MARION COUNTY BOARD OF EDUCATION

Fairmont Senior High School Renovations

North Marion High School - HVAC





Relevant Experience

ELEMENTARY/MIDDLE SCHOOLS -

MARION COUNTY BOARD OF EDUCATION

Blackshere Elementary School

Four classroom addition

Pleasant Valley Elementary School

Six classroom addition, cafeteria, multi-purpose room, and administrative offices

Barrackville Middle School

Four classroom addition and restrooms

White Hall Elementary School

Two classroom addition, multi-purpose room, computer lab, and administrative offices

Jayenne Elementary School

Two classroom addition, multi-purpose room, and cafeteria/kitchen addition, HVAC upgrades

HAMPSHIRE COUNTY BOARD OF EDUCATION

Augusta Elementary School

Six classroom addition

Romney Elementary School

Six classroom addition



POCAHONTAS COUNTY BOARD OF EDUCATION

Marlinton Elementary School

Six classroom addition, kitchen addition, multi-purpose room, computer room, and offices



Relevant Experience

ELEMENTARY/MIDDLE SCHOOLS –

LEWIS COUNTY BOARD OF EDUCATION

Robert L. Bland Middle School

Multi year Additions and Renovations – HVAC

Jane Lew Elementary School

2 Classroom Addition

HARRISON COUNTY BOARD OF EDUCATION

Washington Irving Middle School

Renovation – HVAC Replacement

BARBOUR COUNTY BOARD OF EDUCATION

Philippi Elementary School

Six classroom addition

RANDOLPH COUNTY BOARD OF EDUCATION

Third Ward Elementary School Renovations – HVAC

This project bid in August 2011 and came in on budget at \$2,550,000.00. The project is funded by SBA (MIP) and Owner (QZAB). Work includes installation of a sprinkler system and fire alarm system, replacement of the HVAC systems, replacement of the lighting systems, upgrades to the electric and data wiring, security, technology and communications systems, replacement of toilet partitions and some plumbing fixtures, replacement of ceiling systems, replacement of floor finishes, painting of walls, and replacement of some doors.

Work to the exterior includes masonry cleaning and repair, cleaning and painting of metal soffits, and lighting upgrades, as well as replacement of portions of the exterior concrete sidewalks, resurfacing of the asphalt paving including replacement of the gravel sub-base.

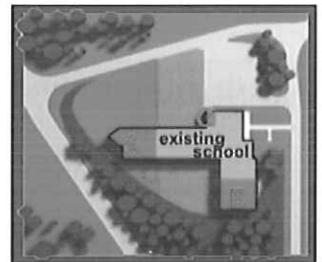
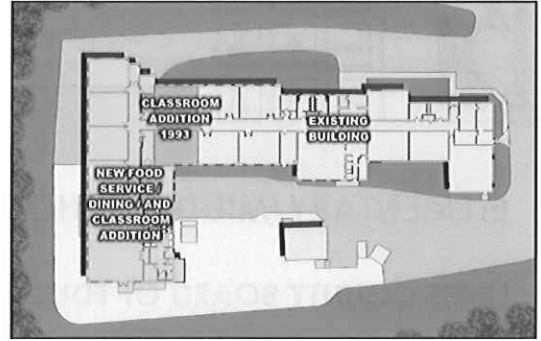


Elementary School Addition/ Renovation Projects

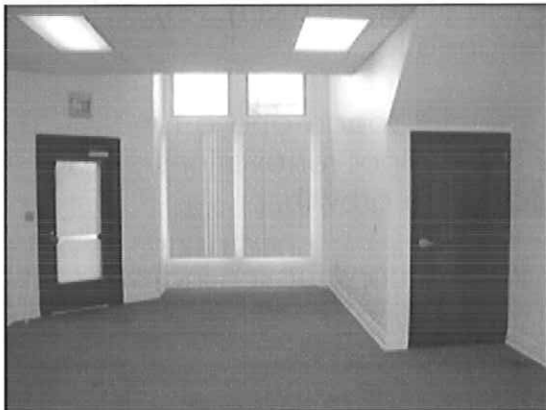
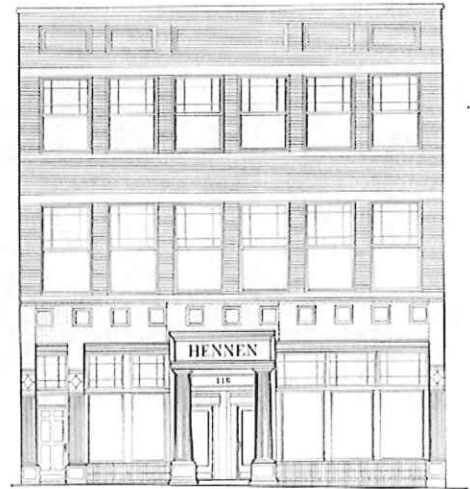
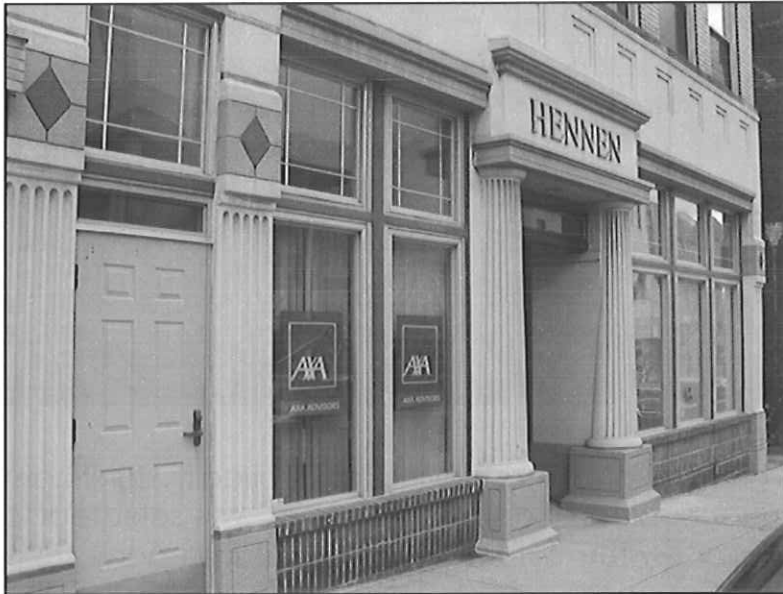
West Virginia

Summarized below is a partial list where Blackwood Associates, Inc. has been the Architect of record on renovation and addition projects. These projects have varied from single classroom additions to doubling in size of the present school building. Renovations have varied from flood damage corrections through total replacement of M/E/P systems.

- Jane Lew Elementary School – Lewis County
- Jayenne Elementary School – Marion County
- St. Mary's Elementary School – Pleasants County
- New Martinsville Elementary/Middle School – Wetzel County
- Anna Jarvis Elementary School – Taylor County
- Denver Elementary School – Preston County
- Terra Alta Elementary School – Preston County
- Augusta Elementary School – Hampshire County
- Romney Elementary School – Hampshire County
- Moorefield Elementary School – Hardy County
- Pleasant View Elementary School – Morgan County
- Widmyer Elementary School – Morgan County
- Great Cacapon Elementary School – Morgan County
- Cottageville Elementary School – Jackson County
- Evans Elementary School – Jackson County
- Fairplain Elementary School – Jackson County
- Kenna Elementary School – Jackson County
- Henry J. Kaiser Elementary School – Jackson County
- Ravenswood Grade School – Jackson County
- Ripley Elementary School – Jackson County
- Davis/Thomas Elementary/Middle School – Tucker County
- Pleasant Valley Elementary School – Marion County
- Barrackville Elementary/Middle School – Marion County
- Back Creek Valley Elementary School – Berkeley County
- Bedington Elementary School – Berkeley County
- Gerradstown Elementary School – Berkeley County
- Hedgesville Elementary School – Berkeley County
- Marlowe Elementary School – Berkeley County
- Winchester Avenue Elementary School – Berkeley County
- Bethlehem Elementary School – Ohio County
- Madison Elementary School – Ohio County
- Ritchie Elementary School – Ohio County
- Warwood Elementary School – Ohio County



**Hennen Building
Fairmont, WV
Historical Rehabilitation to Office Building**



This downtown Fairmont building was renovated in 1996-1997. The historically significant structure's facade was restored and the existing 12,000 square feet of commercial space was adapted for reuse for high tech tenants. Parking for the tenants and handicap accessibility, including an elevator, was added.

The building renovations were the first completed by the North Central office of McCabe-Henley-Durbin, NAI in downtown Fairmont. The one hundred year old structure has been fully occupied with commercial tenants since completion.



**Award Winner
1997 Best Exterior Rehab
Main Street West Virginia**

**McCabe-Henley-Durbin, NAI
Senator Brooks McCabe
1-304-347-7510
bmccabe@mccabehenley.com**

Buxton-Landstreet Building Renovations

Thomas, WV



The Buxton Landstreet Building is a great example of saving a historically significant structure. In 2000 the building was unoccupied and unwanted. BAI was selected to restore the interior for multiple use purposes. The first floor of this 1901 company store building, became the Mountain Made.com store and distribution space, and the second floor became the home of Canaan Valley Institute. In many respects, the building serves the same functions it was originally designed for.

BAI created an inviting, aesthetically pleasing commercial space and a functionally efficient distribution center for e-commerce trade. Upper floor renovations provided class A type office space for CVI, along with space for future growth.

The renovations were designed using the latest in high-tech construction industry tools. Animated 3D models allowed the Owners, NTTC of Wheeling, to experience, study and re-fine the proposed design before construction commenced.



Various Renovation Projects

West Virginia Veterans Administration

**VA Behavioral Health
Clarksburg**



**VA Women's Clinic
Clarksburg**

**Division of Juvenile Services
Johnston School Renovations, Industrial WV**



Before



After

Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the WV Division of Juvenile Services to evaluate and develop construction documents for renovations to an old school building located on the grounds of the WV Industrial Home for Youth in Industrial, WV. The purpose of the study was to determine the feasibility of renovating the structure to again serve as an educational facility.

The building was known to contain asbestos and this became an important part of the investigation. The evaluation also had to address the issue of complying with fire, safety, ADA and JDF standard requirements.

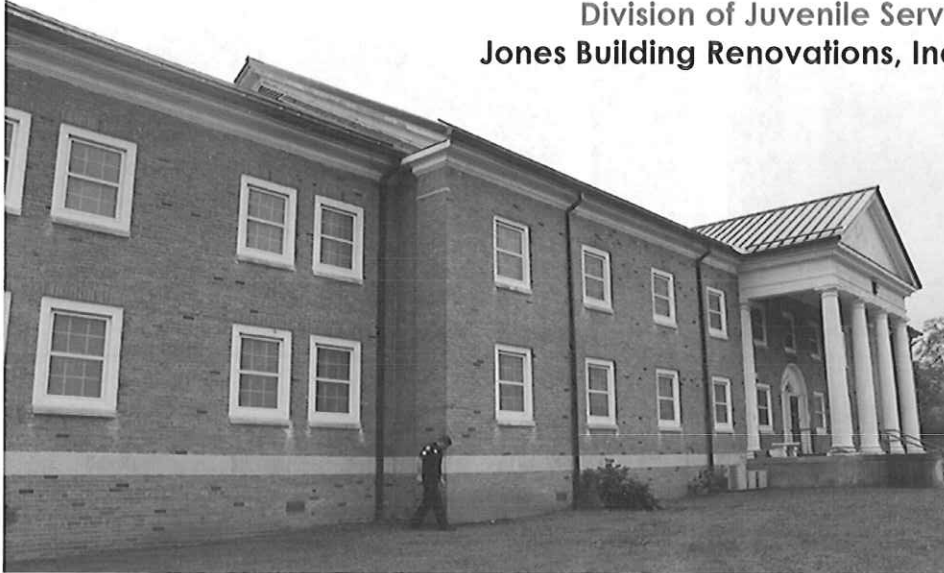
The final BAI/MSES report and cost estimates led to a recommendation to renovate the present building in lieu of constructing a new facility.

BAI/MSES completed construction documents, bidding and the \$2,568,000 project started construction in April 2006 and the building is now occupied by the educational staff.

WV Division of Juvenile Services
Contact: Joe Merendino, Superintendent
1-304-782-2371

Various Renovation Projects

Division of Juvenile Services Jones Building Renovations, Industrial WV



**Construction Cost:
\$1.2 million**

Completed In 2010

Work included:

Accessible entrance ramp and stairs, interior renovations, accessibility improvements, new finishes and ceilings, electrical upgrades, HVAC upgrades, plumbing upgrades, and a new sprinkler system with fire pump and generator.



Before



After

More construction before and after photos and video may be found at –
<http://www.wvarchitects.com/jones/>

CERTIFICATION AND SIGNATURE PAGE

By signing below, 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 or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

BLACKWOOD ASSOC. INC.
(Company)

Pamela J. Wean
(Authorized Signature)

PAMELA J. WEAN, PRES.
(Representative Name, Title)

304-366-1580 / 304-366-1537
(Phone Number) (Fax Number)

2-25-13
(Date)

RFQ No. LOT502

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 exceed 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: Blackwood Associates, Inc.

Authorized Signature: Kathryn Blackwood Meslan Date: 2-25-13

State of WV

County of Marion, to-wit:

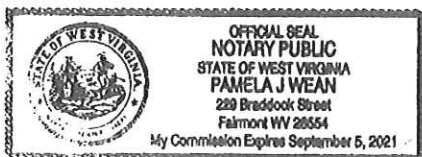
Taken, subscribed, and sworn to before me this 25 day of Feb., 2013

My Commission expires Sept. 5, 2021.

AFFIX SEAL HERE

NOTARY PUBLIC Pamela J Wean

Purchasing Affidavit (Revised 07/01/2012)





Firm Contact Information

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<http://www.wvarchitects.com>

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201 Grey Flats Road, Suite 105
Beckley, WV 25801
304-731-4700 304-252-5796 fax