

12/19/13 11:38:22AM
West Virginia Purchasing Division

Expression of Interest

DJS140002

Architectural/Engineering Services
for:

Division of Juvenile Services

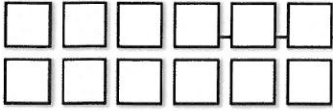
Expansion & Security **Enhancement**

Donald R. Kuhn Juvenile Center, Julian, WV
Gene Spadara Juvenile Center, Mt. Hope, WV
Sam Perdue Juvenile Center, Princeton, WV



Blackwood Associates, Inc.
MSES Consultants, Inc.

architects & planners
engineers & environmental



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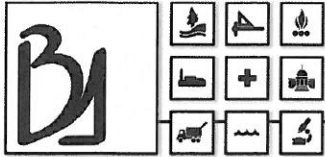
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Ms. Tara Lyle, File 32
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, WV 26305-0130

December 15, 2013

Re: Architectural/Engineering Services for
Division of Juvenile Services Project # DJS140002

Dear Ms. Lyle,

Blackwood Associates, Inc. (BAI) and **MSES Consultants, Inc. (MSES)** are pleased to submit this expression of interest in providing professional architectural/engineering services for the Division of Juvenile Services projects at Donald R Kuhn Juvenile Center in Julian, the Gene Spadaro Juvenile Center in Mt. Hope and the Sam Purdue Juvenile Center in Princeton, West Virginia.

As you will find on the following pages, the BAI/MSES firm has extensive experience in the design and renovation of juvenile facilities throughout the state, having recently completed two Division of Juvenile Services projects in Industrial, WV. We have successfully completed many State of West Virginia projects in the past 20 years, including new construction, renovation and addition projects.

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 merged operations to become the largest full service architectural/engineering provider in West Virginia.

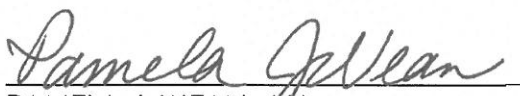
The **BAI/MSES** team offers a combined professional staff of over 95 people, with registered architects, engineers, LEED accredited professionals, scientists, technicians and support personnel. **BAI/MSES** is a single source that can provide all of the professional disciplines required for the project.

BAI and **MSES** are West Virginia firms with a combined 81 years of providing architecture and engineering services throughout West Virginia. Our 20 years of successful practice as a team is the direct result of our ability to provide all professional disciplines necessary for any project – especially renovations, additions or new construction.

Our work load allows us to begin work on your projects immediately. We look forward to having the opportunity to present our qualifications and project approach on a personal basis. Thank you for your consideration.

Sincerely,

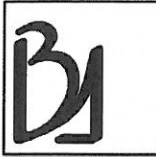
BLACKWOOD ASSOCIATES, INC.
ARCHITECTS AND PLANNERS


PAMELA J. WEAN, AIA
PRESIDENT

Blackwood Associates, Inc.
Architects and Planners
611 East Park Avenue
Fairmont, WV 26554
304-366-1580 304-366-1537 fax
pam@wvarchitects.com
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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 these projects. 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.



**Division of Juvenile Services
Jones Building Renovations
Industrial, WV**

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.



About Firm

Since that time, the firm has maintained leadership in the design of state-of-the-art educational, municipal, governmental, medical, residential, 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. President Pamela Wean, AIA has worked as a Senior Project Architect under Jim Blackwood for over 17 years and has designed some of BAI's largest projects, including schools, hospitals and government facilities.

BAI is familiar with all aspects of new construction, renovation, build-out design, life safety codes, BOCA, IBC, ADA, and Federal and State codes and ordinances applicable to the proposed projects. In addition, we maintain LEED accredited professionals 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 maintains an in-house staff of professionals whose expertise covers all aspects of architecture, planning and visualization practice. We recognize the importance of using cutting edge technology and methodology for complete and efficient project organization, communication and document management. All word processing, contract preparation, construction management, design, drafting, building analysis, virtual reality, and websites are developed by the our staff with the most up-to-date industry software including; AIA Contract Documents®, Masterspecs®, Autodesk® Revit 2013®, AutoCAD 2013® and 3D Studio MAX 2013®. The firm can develop high-quality, accurate architectural, MEP and structural designs with Building Information Modeling (BIM) workflows. This technology allows BAI 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 projects and the firm can meet the time guidelines established by the Division of Juvenile Services. The projects 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. BAI/MSES will work closely with Division of Juvenile Services to design and implement successful projects.



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, 3 LEED Accredited Professionals, 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.

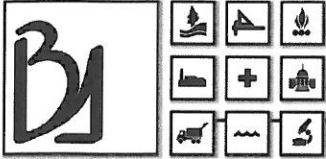
OVERALL CAPABILITIES

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.

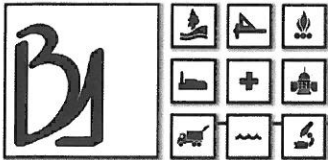


Indefinite Delivery Contracts

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 mast 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.



Indefinite Delivery Contracts

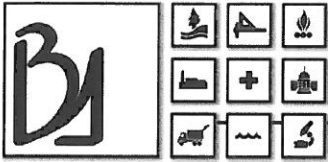
- **United States Department of the Army, Huntington and Pittsburgh Districts, Corps of Engineers** - MSES has maintained annual indefinite delivery contracts with the Huntington and Pittsburgh USACE Districts for Phase I and Phase II environmental screenings and real estate and mineral appraisals since 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



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

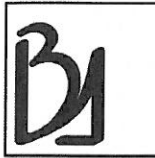
BAI/MSES has a firm-wide CQI program that all employees participate in every week. It develops effective problem identification and solving skills that apply to all of our projects. This program is monitored by managers throughout the firm to be sure that we are constantly improving our technical and 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.

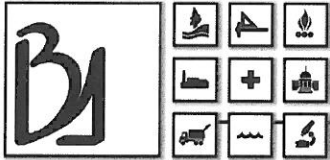


Professional Educations

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



Meeting Project Goals & Objectives

PROJECT GOALS

DONALD R. KUHN JUVENILE CENTER, JULIAN, WV

Goal/Objective:

For professional A/E firm to advise the Agency, develop drawings and specifications for the purpose of awarding a construction contract for a new addition to the Donald R. Kuhn facility that will house 24 additional beds.

GENE SPADARO JUVENILE CENTER, MT. HOPE, WV

Goal/Objective:

To enhance the physical security at the Gene Spadaro Juvenile Center by adding security doors and locks and sally ports.

SAM PURDUE JUVENILE CENTER, PRINCETON, WV

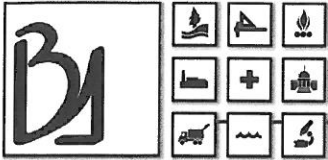
Goal/Objective:

To expand educational space and add a vocational building at the Sam Purdue Juvenile Center.

APPROACH AND METHODOLOGY FOR MEETING GOALS AND OBJECTIVES

If awarded the contract for this project, BAI/MSES would immediately schedule a kickoff meeting with representatives from the Division of Juvenile Services to discuss the proposed scope-of-work, project schedules and established budgets. We will gather information for each of the three facilities scheduled for renovation/construction, and proceed with scheduling walk-through inspections at each facility. At these inspections we will meet with representatives from each facility to continue to establish their specific needs. Our architects and engineers will be present to evaluate the existing conditions, and to discuss how the proposed construction will impact the existing buildings and occupants. Often this process requires multiple site visits and meetings in order to thoroughly evaluate the buildings, as well as to gather the information needed to design and create construction documents used for bidding.

When the owner is satisfied that the project scope-of-work has been met, we then provide the owner with a complete set of bidding documents. We then assist the owner throughout the entire process by answering bidding questions, attending all construction meetings, observing construction work, reviewing submittals and closeout documents, and are available during the warranty period for follow up issues. The approach and methodology for meeting the specific goals and objectives for each project follows:



Meeting Project Goals & Objectives

DONALD R. KUHN JUVENILE CENTER, JULIAN, WV

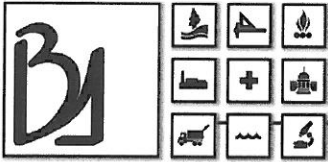
The Donald R. Kuhn Juvenile Center will require a 24-Bed Maximum Security Addition. We will utilize our experience with similar facilities, including most-recently the renovation of the Jones Building at the Salem Industrial Home in Salem, WV. This project included a total renovation of an existing building to create classrooms, residence rooms and common spaces. Our experience also includes the design of other secure facilities such as the William R. Sharpe, Jr. Hospital, the William R. Sharpe, Jr. Transitional Facility (both in Weston), Mildred Mitchell-Bateman Hospital in Huntington, and the Jackie Withrow Co-occurring Facility in Beckley (renamed "Turning Pointe"). We are familiar with state and federal standards for detention facilities, as well as State and local Building and Fire Codes. Our architects and engineers take great care to evaluate and employ these codes so that each facility is brought to current standards and regulations, resulting in a secure facility providing additional beds and other spaces as required.

GENE SPADARO JUVENILE CENTER, MT. HOPE, WV

The Gene Spadaro Center requires upgrades to existing controls, cameras and hardware. For this project, we will engage our hardware consultant who, along with our electrical engineer, will meet with the appropriate individuals from the Center to ensure that new upgrades and components will operate as intended, as well as interface with existing systems. Our experience with the projects mentioned above, as well as with the new security measures being taken in WV public schools, has provided us with the knowledge of how these features must be carefully coordinated so that all systems interface properly.

SAM PURDUE JUVENILE CENTER, PRINCETON, WV

The Sam Perdue Juvenile Center will require an expanded educational space and a Vocational Building addition. Our team has been involved in over 105 educational projects throughout the State of WV, including Vocational centers for many schools. Our past experience includes the Johnston School Renovation at the Salem Industrial Home, which included the entire interior and exterior renovation and upgrade of an existing school building and gym to bring it up to current educational and security standards. We have also added over 130 classrooms and related educational spaces, and have designed/and or renovated Vocational Centers for many counties including Marion, Tucker, Harrison, Pleasants, Ritchie, Tyler, Hancock, Morgan, Berkeley, Pendleton, Jackson and Hampshire Counties. Our approach to this project will be the same as stated above; provide thorough and accurate bidding documents to create a secure educational facility for to meet applicable codes and the needs of the owner.



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

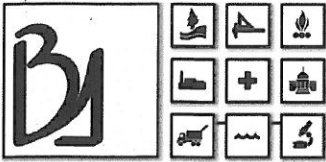


Stacey Bowers, AIA, LEED Green Associate
Project Architect - BAI



MECHANICAL ENGINEERING/HVAC

Dave Skeen, PE, LEED AP
Project Manager - MSES



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 –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

Mechanical Engineering • HVAC

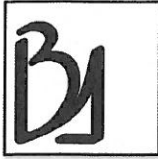
- David L. Skeen, PE, LEED_{AP}

Electrical Engineering

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

Civil • Site Engineering

- Rod Kidd, BSCE



Pamela J. Wean, AIA

President

Years of Experience with BAI: 16

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





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, NCARB, 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

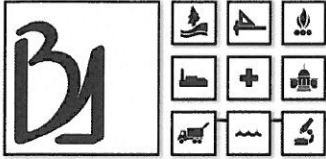
- designed housing and commercial spaces for redevelopment projects
- designed railroad cafe, hosted meetings with potential contractors
- designed logo and marketing materials for history museum
- created drawings for preservation projects
- apartment building preservation summer project
- streetscape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

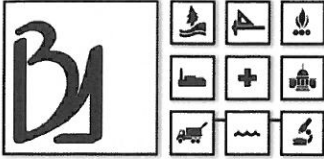
Associate Member of American Institute of Architects

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
- Turning Pointe 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

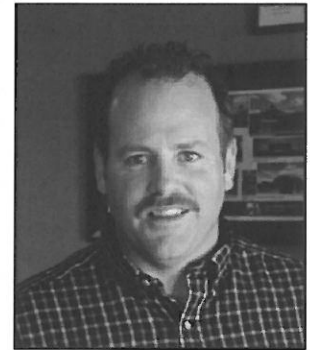
West Virginia Real Estate License

Past Work History

Hope Gas, Inc.

CNG Transmission Corporation

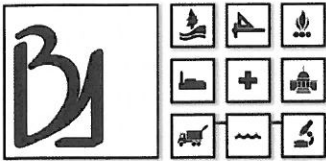
U. S. Steel Corporation



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

Donel Kinnard Memorial State Veterans Cemetery, Institute, WV
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)
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

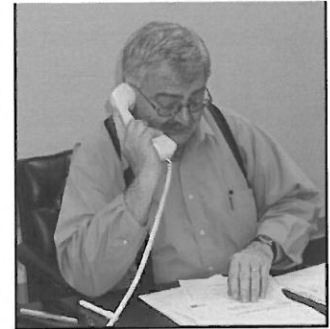


Lawrence M. Rine

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
Management
Groundwater Modeling/Monitoring
Earth Sciences
Risk Assessment/Analysis
Regulatory Interaction
Economic Feasibility
Phase I/II Investigation
Remediation (Design and Permitting)
RCRA Waste Units
Drilling Programs
Bioremediation
Sampling/Laboratory Programs
Property Evaluations
NPDES Permitting
Municipal Engineering
Code Compliance
E-911 Systems

Waste Management/Minimization
Hazardous Waste Management
Asbestos Assessment
Lead Base Paint Assessment
NORM Assessment
Brownfields Specialist
Mapping
Noise Assessment
SARA Title III
Specification Development
Environmental Impact Statements
Data Processing
Public Mtg. & Proj. Explanation
QA/QC Inspection & Compliance
Architectural Support
Radon
Water/Wastewater 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

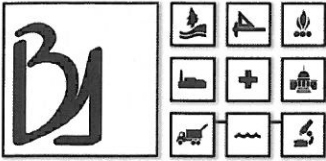
American Society of Safety Engineers
American Industrial Hygiene Association
Air and Waste Management Association
Harrison County SARA Title III Local Emergency Planning Committee - Chairman
West Virginia Chapter of Air and Waste Management Association - Vice Chairperson

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

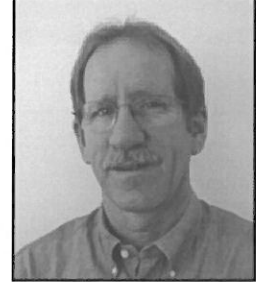


David L. Skeen, P. E., LEEDAP

Senior Project Engineer

Years of Experience with MSES: 23

Years of Experience with Other Firms: 13



Education

Chemical Engineering, Virginia Polytechnic Institute and State University
B. S. Mathematics, West Virginia State University, 1975

Professional Registrations/Certifications

LEED Accredited Professional

Professional Engineer - West Virginia, Maryland, Ohio, and Kentucky

Professional Organizations

American Society of Heating, Refrigeration, Air Conditioning Engineers

National Society of Professional Engineers

West Virginia AIA – Professional Affiliate

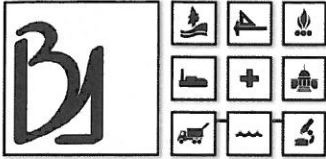
Past Work History

James E. Moore and Associates

John D. Meyers and Associates

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
- Energy Recovery Ventilation Systems
- Regulatory Interaction
- Life Safety Codes
- Isolation Room HVAC Systems
- 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

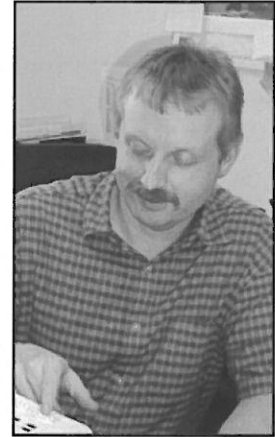
Professional Registrations/Certifications

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

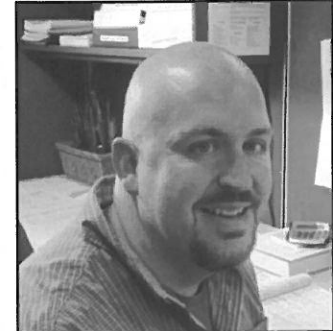
Years of Experience with MSES: 1.5

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

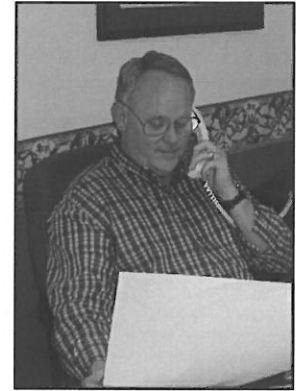
Project Engineer

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

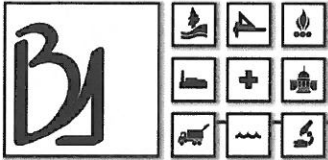
Past Chairman – City of Bridgeport Planning and Zoning Commission

Past Work History

Union Carbide Corporation

Experience Summary

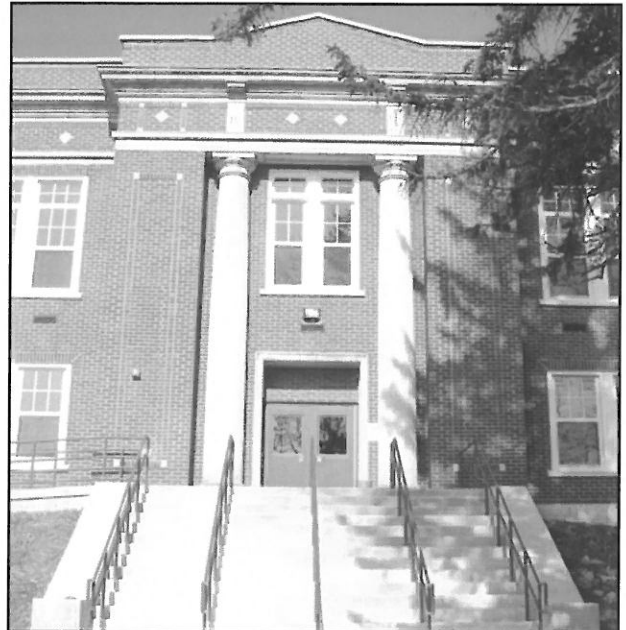
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| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Property Evaluation |
| <input type="checkbox"/> QA/QC Inspection & Compliance | <input type="checkbox"/> Economic Feasibility |
| <input type="checkbox"/> Soils Engineering | <input 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 |



Relevant Experience

Johnston School Renovations

Industrial, West Virginia
State of West Virginia



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

Renovations included exterior masonry repair, new roof, new windows, utility, safety, technology, security and cosmetic upgrades.



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

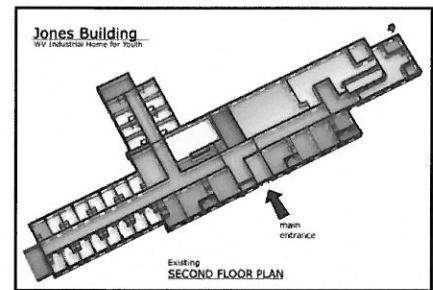
Jones Building Renovations

Industrial, West Virginia

State of West Virginia

Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the WV Division of Juvenile Services to evaluate and develop construction documents for renovations to the Jones Building, WV Industrial Home for Youth in Industrial, WV. The \$1.2 million project bid in 2009 and was completed in 2010.

Project work involved 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

Mildred Mitchell-Bateman Hospital Renovations Huntington, WV



WORK INCLUDED:

- Renovations for a new 35 Bed Patient Unit to Building 2 cost \$4,150,000. This new unit is located in existing space that was previously gutted.
- Work included renovation of approx. 20,000 sq. ft., window replacement, elevator replacement, and health/safety upgrades.
- Office of Health Facility Licensure and Certification review and approval was required.

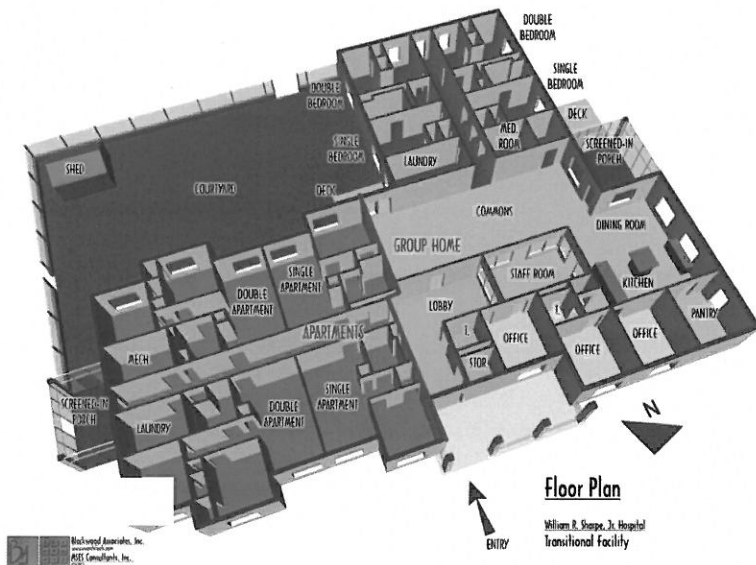


Blackwood Associates, Inc./MSES Consultants, Inc. was selected by the State of West Virginia Department of Health and Human Resources to provide architectural/ engineering services for Renovations to the Mildred Mitchell-Bateman Hospital in Huntington, West Virginia. BAI assisted the Hospital in preparation of a Certificate of Need in accordance with State of West Virginia Health Care Authority requirements.



William R. Sharpe, Jr. Hospital Transitional Facility

Weston, West Virginia



Blackwood Associates, Inc. and MSES Consultants, Inc. were selected by the State of West Virginia Department of Health and Human Resources to provide architectural/engineering services for the William R. Sharpe, Jr. Hospital Transitional Facility. The 7,850 sq. ft. single-story structure is on the Sharpe Hospital campus and provides a facility where residents can live and train while they transition to normal living.

DHHR Office of Health Facility Licensure and Certification oversight was required.

William R. Sharpe, Jr. Hospital

Weston, West Virginia



Designed for West Virginia Department of Health and Human Resources, the completed 50-acre development sits atop a hilly site, minutes from the original hospital it replaced. After its design inception, the vision of a first-rate psychiatric treatment facility for West Virginia was finally completed. The project includes 150 patient beds in its 215,000 total square footage. A total project cost of \$30,000,000.00 included an extensive separate site development package.

MAIN BUILDING FUNCTIONS:

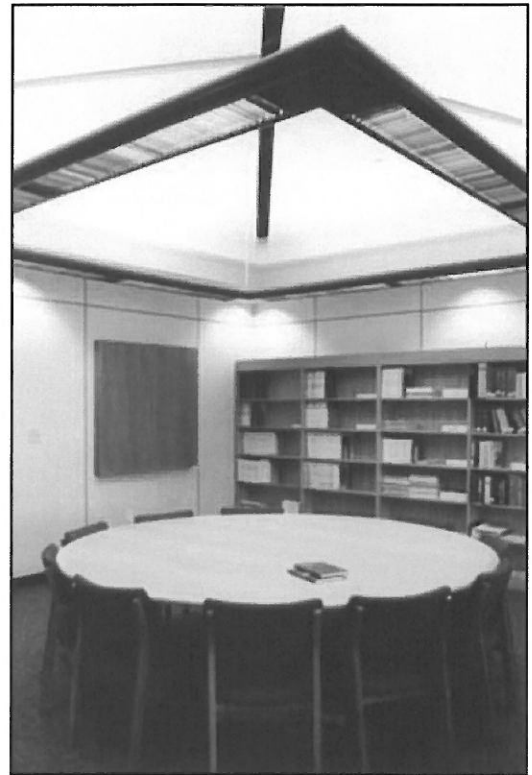
Patient registration and admitting, psychiatric emergency and triage, accounting, record keeping, administration, evaluation, treatment, therapy, food service vending and dining, personal care, educational, recreational, lab and pharmacy, medical, personnel development, shipping and receiving, and security.

ENGINEERING SERVICES BUILDING:

Utilities, generators, boilers, chillers, cooling, towers, engineering and maintenance, systems monitoring, building and vehicle maintenance shops, and waste handling.

William R. Sharpe, Jr. Hospital

Weston, West Virginia



SPECIAL SITE FEATURES:

Mile long access road, roadway bridge; 250,000 gallon water tank and tower; non-biohazard waste incinerator; 340 parking spaces.

SPECIAL FEATURES

Extensive use of skylights and curtainwalls; therapy pool; future greenhouse.

LIFE SAFETY SYSTEMS

Fire alarm, fire sprinklering, smoke/fire-resistant construction; engineered smoke control system; separate emergency and standby generators.

HVAC SYSTEM

Central station, 4-pipe AHU's, with "Energy Recovery" air exchangers; ducted Supply and Return Air with VAV boxes and reheat.

SYSTEMS MANAGEMENT

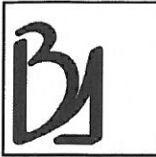
Integrated, DDC-based computer, fully addressable for temperature control, fire alarm, and smoke control.

STRUCTURE

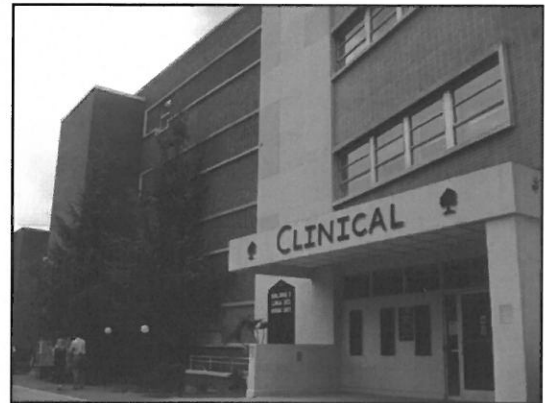
Steel frame; Slab-on-grade and slab on metal deck floors; metal deck roofs.

ROOFING

Insulated single-ply EPDM and sloping metal panels.



Past State Experience



Department of Health & Human Resources

Capital Improvement Projects



Blackwood Associates, Inc./MSES Consultants, Inc. worked with the State of West Virginia Department of Health and Human Resources to provide architectural/engineering services for seven hospital facilities throughout West Virginia. Project basic services are determined after facility assessments.

Some projects require review by the State Fire Marshal, OHFLAC and WVHCA.

TYPICAL PROJECTS INCLUDE:

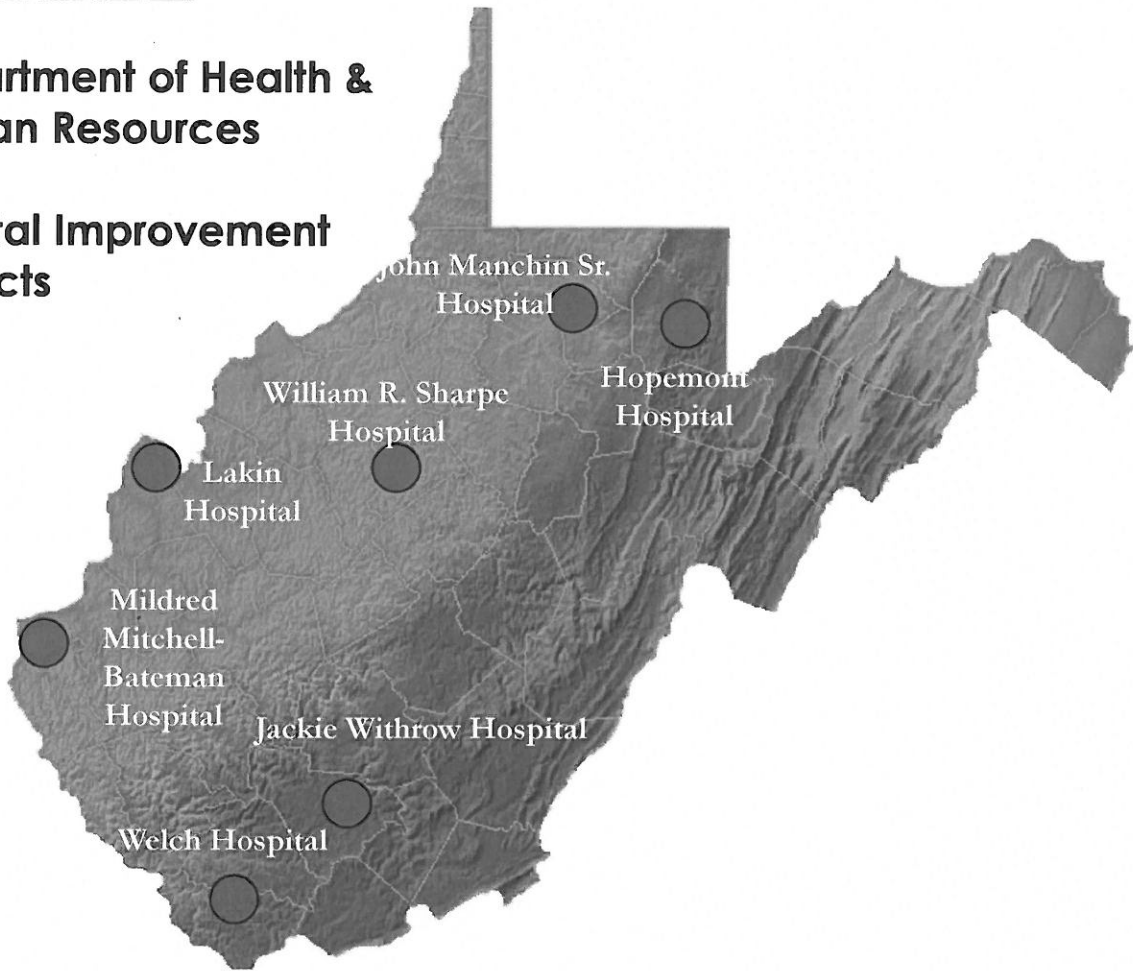
- Construction of a 5 Bed TB Unit at Jackie Withrow Hospital in Beckley
- Major Exterior Upgrades at Hopemont Hospital in Preston County.
- Chiller Replacement at Mildred Mitchell-Bateman Hospital in Huntington.
- Fire Alarm and Nurse Call Replacement at Pinecrest Hospital.
- Water Tank investigation at William R. Sharpe Hospital in Weston.



Past State Experience

Department of Health & Human Resources

Capital Improvement Projects



Blackwood Associates, Inc./MSES Consultants, Inc. was selected by the State of West Virginia Department of Health and Human Resources to provide an architectural/engineering services for various State Hospitals throughout West Virginia. Capital Improvements include compliance with federal, state and local requirements as well as life safety codes and West Virginia State Fire Marshal requirements.

SERVICES INCLUDED:

- Facility Assessment
- Full Architectural/Engineering Services
- Environmental Assessment
- Furnishings and Equipment
- Infrastructure Review & Recommendations
- Mechanical/Electrical System Review & Recommendations

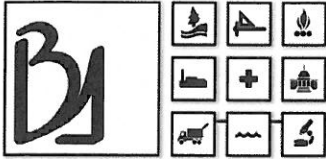
Turning Pointe at Jackie Withrow Hospital Beckley, West Virginia



Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the State of West Virginia Department of Health and Human Resources to provide architectural/ engineering services for the new Turning Pointe (formerly called Co-Occurring Facility) at Jackie Withrow Hospital located in Beckley, WV.

Work included site preparation and construction of a 8,300 SF 16-bed group home with slab on grade, wood stud and brick walls and wood truss roof. The project bid in 2010 and cost \$2,273,000.





Past Federal Experience

US Department of Justice

Clarksburg, West Virginia

In 2004, the U.S. Department of Justice selected the MSES/BAI team to provide professional services under a blanket contract for a 600,000 S.F. facility on a 1,400 acre campus. Typical services to provided included 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. Survey, and utility renovations were also a part of the services furnished. In 2012, the blanket contract was renewed for 3 more years with BAI/MSES.

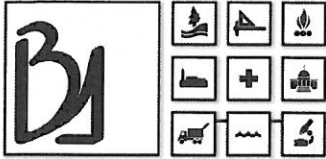
Kennedy Center Federal Correctional Institute

Morgantown, West Virginia

The Morgantown, West Virginia FCI medium security center is a campus-style facility, where the residents are housed in separate single-story dormitories. The recent expansion and new construction project at the facility consisted of the construction of a new 300 bed resident dormitory, totaling 35,250 s.f.; the expansion of the existing dining facility (kitchen and cafeteria), involving the



construction of a new area of 4,978 s.f., the integration of this new area with a 5,866 s.f. existing area, total remodeling of this existing area, and complete renovation and upgrades to the remainder of the dining facility building (total dining facility area of 37,500 s.f.); modifications of the facility's Visitors' Center, including construction of a new area (2,609 s.f.), total renovation of 5,893 s.f. of existing space, and integration of these areas into the remaining area of 8,670 s.f. (total Visitors' Center area of 17,190 s.f.) MSES's responsibilities for the new construction, existing building expansions, and remodeling of existing spaces included the provision of all engineering and inspection services. The team consisted of an architect, whom provided architectural services only, and MSES, whom performed all other engineering, infrastructure upgrades, inspection, and contract administration services. The project was completed in the fall of 2000 and cost \$7,800,000.00.



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

Six 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.



MIDDLE SCHOOL ADDITION/RENOVATION PROJECTS

West Virginia

LEWIS COUNTY BOARD OF EDUCATION

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

HARRISON COUNTY BOARD OF EDUCATION

- *Washington Irving Middle School*
Renovation – HVAC Replacement



HIGH SCHOOL ADDITION/RENOVATION PROJECTS

West Virginia

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*



VOCATIONAL FACILITY ADDITION/RENOVATION PROJECTS

West Virginia

TUCKER COUNTY BOARD OF EDUCATION

- *Tucker County High School Career Center*
Reroofing

PLEASANTS, RITCHIE, TYLER COUNTY BOARDS OF EDUCATION

- *PRT Vocational-Technical Center*
Renovations, Reroofing

HANCOCK COUNTY BOARD OF EDUCATION

- *Hancock Vocational-Technical Center*
Reroofing, Wall reconstruction

MORGAN COUNTY BOARD OF EDUCATION

- *Berkeley Springs High School Vocational-Technical Center*
Additions
- *Berkeley Springs High School Vocational-Technical Center*
New Building

BERKELEY COUNTY BOARD OF EDUCATION

- *Martinsburg High School Vocational-Technical Center*
New Building

PENDLETON COUNTY BOARD OF EDUCATION

- *Franklin High School Vocational-Technical Center*
New Building

JACKSON COUNTY BOARD OF EDUCATION

- *Ripley High School Vocational-Technical Center*
New Building
- *Ravenswood High School Vocational-Agricultural Building*
New Building

HAMPSHIRE COUNTY BOARD OF EDUCATION

- *Hampshire High School Vocational-Agricultural Center*
New Building

MARION COUNTY BOARD OF EDUCATION

- *North Marion High School Vocational-Technical Center*
New Building





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

Under Construction

Contact: Michael Wells, Superintendent

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



WV Division of Veterans Affairs

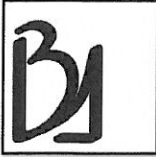
*West Virginia State Veterans Cemetery,
Institute, WV*

Completed Construction in 2013

1321 Plaza East-Suite 109 - Charleston, WV

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

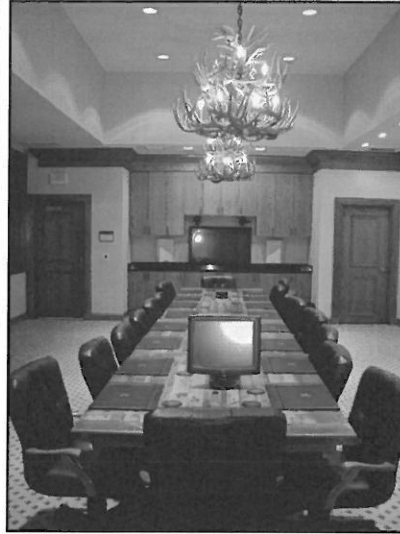




Past Project Experience



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



Pickens School
Pickens, WV
\$3.3 Million



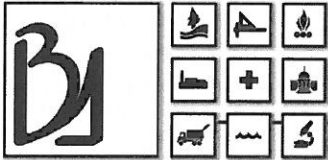
WV Veterans Nursing Facility
Clarksburg, WV
\$22 Million



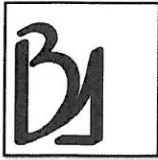
William R. Sharpe Jr. Hospital
Weston, WV
\$30 Million



BC Bank Branch Facility
Fairmont, WV
\$2 Million



References



References

Pleasants County Board of Education

Planning and Design of Multiple Projects, CEFP

Contact: **Mr. Michael Wells**, Superintendent

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

Marion County Board of Education

Planning and Design of Multiple Projects, CEFP

Contact: **Mr. Gary Price**, Superintendent

1-304-367-2107 or gprice@access.k12.wv.us

Randolph County Board of Education

Planning of Multiple Projects, CEFP

Contact: **Mr. Terry George**, 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

WV Department of Administration

Real Estate Division

Planning and Design of Multiple Projects

Contact: **Mr. David Hildreth**, Senior Transaction Manager

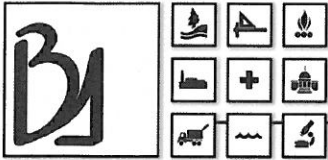
1-304-558-3062 or David.J.Hildreth@wv.gov

WV Division of Veterans Affairs

West Virginia State Veterans Cemetery, Institute, WV

1321 Plaza East – Suite 109 - Charleston, WV

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



Firm Contact Information

Blackwood Associates, Inc.

Architects and Planners
611 East Park Avenue
Fairmont, WV 26554
304-366-1580 304-366-1537 fax
pam@wvarchitects.com
<http://www.wvarchitects.com>

MSES Consultants, Inc.

Engineers and Environmental
609 West Main Street
Clarksburg, WV 26302
304-624-9700 304-622-0981 fax
<http://www.msesinc.com>

MSES Beckley Office:

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

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: Blackwood Associates, Inc.

Authorized Signature: Janet Jean Date: 12-17-13

State of West Virginia

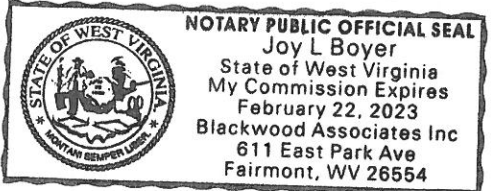
County of Marion, to-wit:

Taken, subscribed, and sworn to before me this 18th day of December, 2013

My Commission expires February 22, 2023

AFFIX SEAL HERE

NOTARY PUBLIC Joy L. Boyer
Purchasing Affidavit (Revised 07/01/2012)



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 Julian
(Authorized Signature)

PRESIDENT
(Representative Name, Title)

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

12-17-13
(Date)