



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
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General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information | Contact | Default Values | Discount | Document Information

Procurement Folder: 96427

Procurement Type: Central Purchase Order

Vendor ID:

Legal Name: MSES CONSULTANTS INC

Alias/DBA:

Total Bid: \$0.00

Response Date: Response Time:

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ1500000004

Published Date: 4/21/15

Close Date: 5/12/15

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder : 96427

Solicitation Description : Moundsville FMS#9 EOI Design Services

Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation No	Version
	2015-05-12 13:30:00	SR 0603 ESR05121500000003702	1

VENDOR

000000204882
 MSES CONSULTANTS INC

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.lyle@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Moundsville FMS#9 EOI-Design Engineering				

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description : The WV Purchasing Division for the agency, WV Army National Guard's Division of Engineering and Facilities, is soliciting expression of interests for professional design services to include window replacement, design of a "battery room" for the storage and maintenance of batteries for military equipment, and to re-design the exterior drainage from the building to the existing storm drain system, at the Moundsville Armory located in Marshall County, per the attached specifications.



EXPRESSION OF INTEREST
Architectural / Engineering Services

for

**West Virginia Army National Guard
Construction and Facilities Management Office
Moundsville Field Maintenance Shop #9**

May 12, 2015



1000 Green River Drive, Suite 200 • Fairmont, WV 26554
p: 304.366.9700 • f: 304.366.2788

May 12, 2015

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

Re: CEOI 0603 ADJ1500000003
Professional Architectural Design Services
Exterior and Interior Renovation, "Battery Room" design and Drainage Redesign
Moundsville Field Maintenance Shop #9 (FMS#9)

Dear Sir/Madam,

MSES Architects is pleased to submit our expression of interest in providing professional services for the West Virginia Army National Guard (WVARNG) Division of Engineering and Facilities; for renovations to FMS#9. Our team's extensive experience in designing similar projects state-wide, and working closely with the West Virginia Purchasing Division would prove to be of great value to the WVARNG in the successful completion of this project.

MSES Architects, located in Fairmont, is a division of MSES Consultants, Inc. in Clarksburg. MSES is a multi-disciplinary firm with a staff of over 100 professionals, and has served both private and public clients throughout West Virginia since 1976. Over the years, we have opened offices in Fairmont, Huntington, and Beckley, WV, as well as Indiana PA. Together, MSES Architects' experienced team of design professionals, including registered architects, interns, interior designers and technicians, combine with our well-established engineering and environmental group to create a full-service team capable of producing a successful project to meet your design and budgetary needs.

As you will see on the following pages, our AE team has provided professional design services for a variety of projects similar to yours. For instance, we have replaced windows on many buildings including Fairmont Senior High School, East Fairmont Middle School Gymnasium and Mildred Mitchell Bateman Hospital. Our team has designed several maintenance and warehouse buildings, are familiar with their construction, and have renovated many of these to create new spaces within. We are currently working at the former National Guard Armory in Fairmont to renovate it for Marion County Board of Education. Also, MSES has designed drainage systems for both new and existing facilities, and are familiar with codes associated with stormwater retention and runoff. We would like to use this experience to assist you with your projects.

MSES is particularly well suited to perform projects such as these due to the diverse talents of the full service project team. Both renovation and construction projects require a vast knowledge of all phases of design, from project programming, preliminary design and schematic design through contract documents, bidding and construction period services. Our clients are especially pleased with our attention to detail, our skills in estimating and budgeting, and our follow-up assistance during and after construction. Our specific approach to the design process for your project is outlined in this Expression of Interest.

Our current project load enables us to start working on your project immediately. We would appreciate the opportunity to meet you and discuss how we can provide you with professional services needed for a successful project. Thank you for your consideration.

Sincerely,



Pamela J. Wean, AIA
Senior Project Architect
MSES Architects

BACKGROUND AND INTRODUCTIONS

MSES Architects, located in Fairmont, WV, is a division of MSES Consultants, Inc. in Clarksburg, WV. We are a multi-disciplinary firm which was founded in 1976. Since that time our firm has been providing quality services to private and public clients all over West Virginia and surrounding states. We are a full-service organization providing architectural, engineering, design, and environmental services with a current professional staff of over 100, making us one of the largest West Virginia-owned and diversified A/E consulting firms in the state of West Virginia.

The MSES Architects' professional staff is exceptionally knowledgeable of local, state and federal Life Safety and Building Codes, Energy Codes and Accessibility compliance. In addition, we are keenly aware of the many challenges and problems that may be inherent to the design process. 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.

We have vast experience in designing and project management of building renovations, additions, and new construction. Our knowledge of local, state and federal regulations is beneficial to the client because our team can ensure that their facility not only meets but also exceeds these standards.

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 Architects is that each project reflects the spirit and personality of its owner. Our mission is to plan, design and manage 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.

OUR STANDARDS FOR SUCCESSFUL PROJECTS

MSES Architects has a stellar reputation among owners, regulators, and contractors for producing and managing successful projects. This reputation is the culmination of over 80 combined years of experience, founded upon our extensive architectural, engineering, life safety, and code compliance, our knowledge of applicable regulations, and our ability to develop corrective solutions which satisfy regulatory requirements in a cost effective manner. We are proud of our accomplishments and our ever-growing roster of satisfied repeat clients attests to our continued commitment to quality, dedication, and service.

MSES has completed more than 15,000 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, funding assistance, designs and auditing (HVAC, plumbing, electrical, civil, structural, mechanical, lighting, fire systems, security, and telecommunications), building repairs/renovations, inspections, geotechnical investigations, assessments and reviews, environmental sampling and analysis, property evaluations and appraisals throughout West Virginia, Ohio, and Pennsylvania. MSES is sought after by many public and private clients for construction and renovation projects 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.

MSES ARCHITECTS AND BUILDING CONSTRUCTION AND 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. Our expertise has gained MSES a distinguished reputation with commercial, industrial, and manufacturing firms, municipalities, State Agencies, 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 budget. 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 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 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' 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, site development, utility infrastructure, and building additions.

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:

Marion County Schools – MSES currently holds a Five-year Architectural, Engineering, Environmental Service Agreement.

Randolph County Schools – MSES currently holds a Five-year Architectural, Engineering, Environmental Service Agreement.

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.

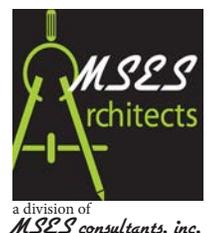
United States Department of the Army, Huntington and Pittsburgh Districts, Corps of Engineers - MSES has maintained annual indefinite delivery contracts with the Huntington and Pittsburgh USACE Districts for Phase I and Phase II environmental screenings and real estate and mineral appraisals since 1982 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.





OUR PERSONNEL

The MSES Team maintains a staff of highly trained and experienced personnel, including all the technical disciplines necessary to fully staff projects of all sizes and types. Our personnel demonstrate the education and experience required to accommodate any land planning, site development, program management, planning, renovation, repairs, modifications, upgrades, additions, or new construction project.

In addition to employee experience, another factor for MSES' 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 to the forefront as a provider of total land planning, property inventorying, auditing, hazards surveys, adapted reuses, historic preservation, engineering, architectural, environmental, LEED AP, and project management services.

Our staff's stable employment record also enables the firm to assemble project teams that have worked together before, and that possess a good knowledge of how individual strengths fit together to form an effective team. The firm is able to assemble teams composed of individuals whose capabilities are tested and well known to our establishment. We assign senior staff to management roles on all our projects.

In accordance with MSES' belief in the integration of engineering and architecture, in 2004 MSES established an architectural group within MSES which is known today as MSES Architects. This group within MSES was founded on the strengths and capabilities offered by each individual, which has allowed for the forming and continuation of strong, diverse, well-established MSES Project Teams. Today, MSES and MSES Architects are now one organization.

The Fairmont, West Virginia office staff, with support from MSES Consultants' corporate office staff,

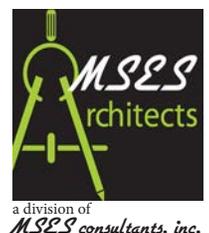


will be responsible for the activities associated with this project. Jeff Wise, Executive Director, will be the Program Manager and Pam Wean will be the Senior Project Architect. Jeff and Pam will be the direct contacts for the project.

The multi-disciplinary depth of our staff is reflected by the following Professional Staff Chart, while a listing of current and pending professional registrations is provided by the Professional Registrations Chart. The depth of our staff in each category permits performance of large assignments, as well as simultaneous performance of many jobs that do not require full-time commitment of individuals. Our experience and diverse staffing capabilities allow us to draw upon specialized personnel to facilitate unique project requirements. Refer to our team members' individual professional resumes for more information.

In addition to our work within the State of West Virginia, the MSES Team 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.

The wide variety of services that MSES provides makes it possible for clients to establish a working relationship with us as a single-source consultant. We are organized to ensure that all clients are provided with a high level of personal and professional attention.



PROFESSIONAL STAFF CHART

Category	Number of Employees	Education		
		Associate Degrees	Bachelor Degrees	Advanced Degrees
Administrative	4	2	2	--
Project Managers	6	--	5	1
Chemical Engineer	1	--	1	1
Chemist	3	--	1	2
Civil Engineer	5	--	3	2
Structural Engineer	2	--	--	2
Resident Construction Engineer	4	1	3	--
CAD/Design Draftsman	8	--	5	--
CAD/Drafter	9	7	2	--
Environmental Geographer (GIS)	2	--	2	--
Ecologist	4	--	3	1
Forester	2	--	2	--
Meteorologist	1	--	1	--
Electrical Engineer	3	--	3	--
Geologist	2	--	2	--
Hydrologist	1	--	--	1
Architect	5	--	3	2
Architect Designers	6	1	5	--
Landscape Architect	1	--	1	--
Environmental Engineer	3	--	1	2
Mechanical Engineer	2	--	2	--
Mining Engineer	2	--	1	1
Industrial Engineer	1	--	1	--
Sanitary Engineer	2	--	2	--
Soil Engineer	2	--	2	--
Structural Engineer	2	--	1	1
Transportation Engineer	1	--	1	--
Certified Industrial Hygienist	2	--	2	--
Certified Safety Professional	4	--	2	1
Physical Therapist	1	--	1	--
Audiologist	1	--	--	1
Safety Engineer	2	--	--	2
Land and Right-of-Way Agents	3	--	3	--
Paralegal	2	--	2	--
Surveyors	6	2	4	--
Economist	1	--	1	1
Forensic Biologist	1	--	1	--
Biologist	4	--	1	2
Botanist	1	--	--	1
Wildlife & Fisheries Resources	2	--	1	1
National Resources Management	2	--	1	1
Engineering Technicians	4	2	2	--
Survey Support	12	10	2	--

MSES' professionals are supported by the latest in field data collectors, computers and computer software, electronics and satellite survey, computer-aided drafting and design, and our in-house graphic and reproduction center.



PROFESSIONAL REGISTRATIONS CHART

Discipline	MSES Staff Members Per State								National
	WV	NY	PA	MD	VA	TN	KY	OH	
Surveyor	6	Pending	3	Pending	0	2	3	3	
Architects	5	--	5	5	5	--	--	5	
Engineers									
Civil	4	1	2	1	3	0	3	3	
Electrical	2	1	2	1	2	1	1	2	
Mechanical	2	1	2	1	2	1	1	2	
Environmental	2	1	1	1	1	1	1	1	
Structural	2	0	2	0	1	0	1	0	
Safety	1	0	1	1	1	0	1	1	
Mining	1	0	1	1	1	0	1	1	
Geologist	--	--	--	--	1	--	--	--	
Forester	1	--	1	--	1	--	--	1	
Asbestos									
Inspectors	4	--	0	0	1	0	0	1	
Samplers	4	--	0	0	1	0	0	1	
Planner	4	--	0	0	1	0	0	1	
Manager	4	--	0	0	1	0	0	1	
Lead Risk Assessor	1	--	--	--	--	--	--	--	
Licensed Remediation Specialists	2	2	--	--	--	--	--	4	
Underground Storage Tank									
Inspector	4	0	0	0	0	0	0	0	
Designer/Installer	2	0	0	0	0	0	0	0	
Cathodic	3	0	3	3	3	3	3	3	
Geosynthetic Institute HPDE & Clay Liners	--	--	--	--	--	--	--	--	5
Certified Monitoring Well Designer/Driller	5	--	2	0	--	--	0	--	
Certified Safety Professional	--	--	--	--	--	--	--	--	4
Certified Industrial Hygienist	--	--	--	--	--	--	--	--	2
Radiation Safety Officers	--	--	--	--	--	--	--	--	6
LEEDAPs	--	--	--	--	--	--	--	--	4
NACE Certified									
Corrosion Technician	--	--	--	--	--	--	--	--	4
Sr. Corrosion Technologies	--	--	--	--	--	--	--	--	2
Internal Corrosion Technician	--	--	--	--	--	--	--	--	4
Stormwater									
CPSWPPP Certified	--	--	--	--	--	--	--	--	1
CCIS Certified	--	--	--	--	--	--	--	--	1
Real Estate									
Licensed Realtor	3	0	0	0	0	0	0	0	

The term "pending" displayed under a given state indicates that members of MSES' staff have tested for the particular registration but results are not known. The symbol "--" displayed under a given state indicates that state has no registration program for the particular discipline.



TECHNICAL EXPERTISE AND SUPPORT

A strong team of complementary professionals is essential for success in today's complex planning, auditing, design, repairs, modifications, and building process. For this reason, the MSES Team is committed to the principle of multi-disciplinary teamwork. By assembling all disciplines within our organization, our clients benefit from a single point of responsibility, fixed accountability, efficient coordination, and effective communications. Together, our qualified staff has combined to provide the services listed below.

PLANNING

- Feasibility Studies
- Site Analysis, Evaluation, and Selection
- Master Planning
- Strategic Planning
- Land Use Planning
- Sustainable/Green Designs

FUNDING ASSISTANCE

- School Building Authority
- NEEDS, MIP, Emergency
- 3% Projects - Vocational / Technical
- School Access Safety Funding
- School Construction Bonds
- School Levy Funding
- QZAB Funding
- Lease/Purchase
- US Economic Development Authority Funding

ARCHITECTURE

- Programming
- Project Management
- Design of New Buildings
- Design of Building Renovation and Retrofitting
- Adaptive Reuse Design
- Building Exterior and Interior Infrastructure

INTERIOR ARCHITECTURE

- Programming and Space Planning
- Interior Design
- Survey, Inventory, Evaluation of Existing
- Furniture/Furnishings
- Design of Special Furnishings and Equipment
- Graphic, Signage and Art Programs
- Energy Awareness

ENGINEERING

- Soils/Geotechnical
- Structural/Structural Repairs/Modifications
- Roofs
- Electrical
- Mechanical/HVAC
- Civil
- Water Systems
- Lighting
- Life Safety/Fire
- Food Service
- Audio Visual
- Telecommunications
- Technology/Computer
- Energy Management
- Security
- Construction Inspection
- Project Management

ENVIRONMENTAL/GREEN DESIGNS

- Groundwater Recharge
- Stormwater Capture and Re-Use
- Wetland Mitigation
- Energy Conservation
- Waste Minimization and Recycling
- Project Siting to Utilize Existing Resources

ENVIRONMENTAL/SAFETY

- Asbestos
- Lead Based Paint
- Indoor Air Quality
- Bacteria and Fungi
- Sampling/Testing/Monitoring
- Abatement

LANDSCAPE ARCHITECTURE

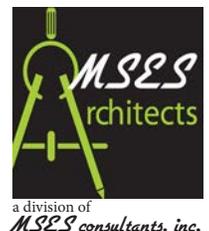
- Site Evaluation
- Site Development
- Planning and Horticulture Design
- Security
- Lighting
- Specialty Services
- Project Management
- Cost Estimating

HISTORIC PRESERVATION

- Historic Architectural Surveys
- Historic Properties Inventory
- Archival and Deed Research
- Historic Structure Reports
- HABS/HAER Recordation
- Historic District and Landscape Surveys
- Preservation Plans
- Adaptive Reuse Plans
- Environmental Hazards Review
- National Register Evaluations and Nominations

SPECIALTY SERVICES

- Project Management
- Cost Estimating
- Critical Path Scheduling
- Value Engineering
- Administration of the Bidding Process
- Administration and Monitoring of
- Construction Contract



HISTORIC BUILDING SUPPORT

The National Historic Preservation Act requires historic resources - above ground historic buildings, structures, sites, districts, and objects - be considered during the planning stages of any federal or state funded undertakings. Other regulations protecting historic resources include U. S. Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation (48 CFR 44716), National Environmental Policy Act, and State Historic Preservation Office. The MSES Team assists both private and government clients to identify historic resources and move their project forward.

The MSES Team is intimate with all aspects of National Historic Preservation Act, WVSHPO, U. S. Secretary of the Interior's Guidelines and Standards, property inventories, historic preservation, environmental and Brownfield compliance, federal, state, and local procurement requirements, and codes and ordinances for most municipalities. In addition, we are keenly aware of the many challenges and problems that may be inherent to these processes.

The proven expertise in conducting historic resource studies throughout the mid-Atlantic United States, the MSES Team conduct documentary research, architectural surveys, and National Register of Historic Places (NRHP) evaluations and nominations. These efforts are supported by the MSES Team's database arrangement software, state-of-the-art geographic information system (GIS), computer aided design and drafting (CADD) capabilities, Historic American Building, Survey/Historic American Engineering Record (HABS/HAER) documentation, and the experienced staff of the MSES Team.

The MSES Team has a broad historic preservation portfolio that includes large-scale architectural surveys for transportation and utility projects, surveys, historic renovations, and adaptive re-uses for municipalities as part of historic preservation planning programs, and smaller surveys, action plans, and architectural design guidelines for grant-funded preservation initiatives. Whether large- or small-scale surveys and resource evaluations, our work is consistent with the procedures and quality established by the U. S. Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation, 48 CFR 44716.

The MSES Team's specialists have built and maintained excellent working relationships with State Historic Preservation Offices (SHPOs) in many of the mid-Atlantic states where we work. We have established a reputation for successfully obtaining agency concurrence on government and private client projects in a timely manner, and we are experienced in acquiring expedited historical resource clearance for Section 106 compliance projects.

BUILDING RENOVATION SUPPORT

In addition to the historic inventories and historic preservation services we provide, the Team is again 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 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' 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, site development, utility infrastructure, and building additions.

GREEN BUILDINGS

MSES' founding philosophy was based on the protection of the environment. With each project design, emphasis is always given on how the project and the environment can co-exist in harmony. The wise use of our limited resources is always first and foremost in our design principles. The Team has gained the reputation of thinking outside the typical design box, by the use of existing resources, such as natural light, the siting of projects to take advantage of natural heating and cooling capabilities, the use of groundwater recharge and stormwater recirculation, and the incorporation of reusable building materials and energy efficient equipment into our designs. The Team's non-traditional thinking can be further exemplified by our involvement with the first projects of the USEPA's Brownfields redevelopment program. MSES was the first consulting group selected to review Brownfields projects in West Virginia, in Fairmont (Hardman's Exxon, now successfully redeveloped as the CVS Pharmacy) and Clarksburg (West Virginia Mack, Quality Foundry, Wilson Bakery, and former City Garage being the most recent projects).



MSES has often been commended by the USEPA and the State of West Virginia's Division of Land Restoration for applying our original thinking and ideas to transform severely impacted sites, by instituting innovative remediation and reuse programs which are not only economically-feasible, but which also provide for maximum environmental cleanup and protection benefits.

ENVIRONMENTAL SUPPORT

MSES is intimate with all aspects of environmental projects, ranging from site and subsurface investigations, hydro-geologic characterizations, and Phases I, II, and III environmental transaction screens, assessments and remediation, to permitting and closure of site environmental issues under various regulatory programs (RCRA, CERCLA, WV Voluntary Remediation and Redevelopment Act, etc.), and preparation for site reuse/redevelopment. In addition, we are keenly aware of the many challenges and problems that may be inherent to these processes, and are mindful of each site's potential redevelopment and reuses throughout the planning and performing of our project activities. 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 more than 30 years.

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 company-specific training modules and visual productions.

CONFIRMATIONS

MSES Architects confirms the Team's intention and willingness to:

Abide by applicable provisions of codes and regulations of the State of West Virginia, Federal, and Local County and City Codes and Regulations.

Employ registered professional engineers, registered structural engineers, registered architects, and other pertinent personnel (surveyors, ADA code specialists, etc., as applicable) licensed to practice in the State of West Virginia.

Prepare detailed proposals/work plans, with estimated fees, and to execute agreements for services based thereon, including fixed fees for well identified scopes of work, or other mutually agreeable forms of compensation.

Comply with all other civil rights, conflict of interest, records access, or other laws, regulations or requirements that may be referenced in conjunction with each project.

QUALITY COMMITMENT

MSES is committed to providing high quality engineering, architectural, and environmental services to its customers through its continuous quality improvement program that involves all personnel in a systematic, logical process to continually improve the firm's work practices and procedures. MSES' approach to quality is composed of four elements: the individual, procedures for project execution, procedures for controlling and assuring the quality of our services, and the continuous quality improvement process.

THE INDIVIDUAL

Since 1976, we have relied on the care, diligence, imagination, intelligence, and commitment of our personnel to provide quality designs and quality services. Recent policies and procedures emphasize the importance and contribution of each individual in achieving our quality goals.



PROCEDURES FOR PROJECT EXECUTION

Standard procedures for project execution are adopted by MSES, providing for project management with current guidelines and procedures for managing projects and assuring quality in our technical performance, from the proposal stage through the close-out stage.

QA/QC PROCEDURES

The Quality Assurance/Quality Control procedures are incorporated into the technical quality control of services provided to our clients. A set of guidelines and procedures is established for each type of service provided by the firm: planning reports and studies, design services, construction phase services, and facility inspection services. These procedures are used in conjunction with project technical and management controls, which set forth the following criteria on which to base successful completion of a project: project schedule, project budget, scope requirements, project objectives, and client satisfaction.

CONTINUOUS QUALITY IMPROVEMENT

Continuous Quality Improvement, or CQI, adaption of Total Quality Management, is a systematic, firm-wide process of improving services we perform for our clients by improving the way we work and the services we provide. CQI is concerned with identifying barriers and removing those barriers. CQI achieves this by making quality a part of everyone's job description. We train each person in CQI and assign him or her to a Quality Improvement Meeting Unit (QIMU). These QIMU's hold weekly meetings to identify barriers and to propose improvements or changes in the way we work. In this way, CQI provides a vehicle for the recognition and re-involvement of all employees in improving the firm's methods, procedures, and operations.

PROFESSIONAL SUMMARY

Extensive experience in planning, funding, budgeting and management of projects ranging from \$30,000 to \$30,000,000.

PROJECT EXPERIENCE

PROJECT MANAGEMENT

- New Franklin Elementary School, Franklin, WV
- New Lincoln Middle School, Harrison County Schools, Lumberport, WV
- 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)
- 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
- City of Ripley - Municipal Building, Ripley, WV

JEFFREY T. WISE

Executive Director



Years of Professional Experience: 34

EDUCATION

- B. S. Mining Engineering, West Virginia University, 1981

REGISTRATIONS

- West Virginia Real Estate License

PROFESSIONAL ORGANIZATIONS

- National Society of Professional Engineers
- American Institute of Architects- Allied Member
- Fairmont Building Commission

EMPLOYMENT HISTORY

- Hope Gas, Inc.
- CNG Transmission Corporation
- U. S. Steel Corporation



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Jayenne Elementary School Addition/Renovations, Fairmont, WV
- Renovations to Harman School, Harman, WV
- United Technical Center Welding Shop Renovation, Clarksburg, WV
- Simpson Elementary School Addition/Renovations, Bridgeport, WV
- Belmont Elementary School Renovations, Belmont, WV
- Anna Jarvis Elementary School Addition and Renovations, Grafton, WV

HISTORICAL

- Ritchie County Courthouse Addition and Renovations, Harrisville, WV
- Veterans Square (G.C. Murphy) Building - Renovations
- Dayton Art Institute - Addition & Renovation, Dayton, OH
- Hutchinson House - Restoration, Fairmont, WV

COMMERCIAL

- MVB White Hall Branch
- MVB Downtown Branch Renovations, Fairmont, WV

INDUSTRIAL

- Addition & Renovations at Stockmeier Urethanes, Clarksburg

HEALTHCARE

- WV Veterans Nursing Facility, Clarksburg
- William R. Sharpe Jr. Hospital - Transitional Facility, Weston, WV
- Turning Pointe, Beckley, WV
- TB Unit at Jackie Withrow Hospital, Beckley, WV

PAMELA J. WEAN, AIA

Senior Project Architect



Years of Professional Experience: 31

EDUCATION

- Bachelor of Science - Architectural Technology, Fairmont State College, 1984
- Assoc. of Applied Science - Interior Design, Fairmont State College, 1981

REGISTRATIONS

- Registered Architect -West Virginia, Ohio

PROFESSIONAL ORGANIZATIONS

- American Institute of Architects
- West Virginia Society of Architects

EMPLOYMENT HISTORY

- Senior Project Architect, Blackwood Associates, Inc.
- Plans Examiner and Code Official, City of Kettering, OH



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

EMPLOYMENT HISTORY

- CNG Transmission Corporation

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|---|
| <input type="checkbox"/> Job Costing Management | <input type="checkbox"/> Management |
| <input type="checkbox"/> Risk Assessment/Analysis | <input type="checkbox"/> Regulatory Interaction |
| <input type="checkbox"/> Economic Feasibility | <input type="checkbox"/> Remediation (Design & Permit) |
| <input type="checkbox"/> RCRA Waste Units | <input type="checkbox"/> Drilling Programs |
| <input type="checkbox"/> Bioremediation | <input type="checkbox"/> Geographic/Hydrologic Studies |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Air Permitting |
| <input type="checkbox"/> Indoor Air Quality | <input type="checkbox"/> Code Compliance |
| <input type="checkbox"/> E-911 Systems | <input type="checkbox"/> GIS Systems |
| <input type="checkbox"/> NPDES Permitting | <input type="checkbox"/> Earth Sciences |
| <input type="checkbox"/> Hazardous Waste Management | <input type="checkbox"/> Air Emission Modeling |
| <input type="checkbox"/> Asbestos Assessment | <input type="checkbox"/> NORM Assessment |
| <input type="checkbox"/> Health & Safety | <input type="checkbox"/> Noise Assessment |
| <input type="checkbox"/> Hydrologic & Hydraulic Analysis | <input type="checkbox"/> Phase I/II Investigation |
| <input type="checkbox"/> SARA Title III | <input type="checkbox"/> Specification Development |
| <input type="checkbox"/> Property Evaluations | <input type="checkbox"/> Architectural Support |
| <input type="checkbox"/> Municipal Engineering | <input type="checkbox"/> Radon |
| <input type="checkbox"/> Drilling Programs | <input type="checkbox"/> Environmental Impact Statements |
| <input type="checkbox"/> Waste Management/Minimization | <input type="checkbox"/> Air Emission Regulatory Compliance |
| <input type="checkbox"/> Groundwater Modeling/Monitoring | <input type="checkbox"/> QA/QC Inspection & Compliance |

LAWRENCE M. RINE

Principal and Quality Assurance/ Quality Control Manager



Years of Professional Experience: 54

EDUCATION

- B. S. Mechanical Engineering, WV Institute of Technology, 1969
- B. S. Mining Engineering, WV Institute of Technology, 1970
- Masters Study, Environmental Engineering, Cornell University, 1973

REGISTRATIONS

- Certified Monitoring Well Designer and Installer - WVDEP
- Licensed WV Underground Storage Tank Closure/Installation Specialist
- Class I Certified Public Water Supply Operator, WV
- Class II Certified Wastewater Treatment Plant Operator, WV
- Certified Asbestos Inspector/Manager/Planner/Clearance Air Monitor
- Licensed Remediation Specialist WVDEP
- Member State School Building Authority - IAQ Committee



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Belmont Elementary School Renovations, Belmont, WV
- Mannington Middle School Master Planning
- New Keyser School, Keyser, WV
- New St. Marys High School, St. Marys, WV

HISTORICAL

- Clarksburg-Harrison Public Library Waldomore Renovations, Clarksburg, WV
- Mount Hope Historic District, Mount Hope, WV
- East Fairmont Junior High School Demolition, Fairmont, WV
- East Fairmont Junior High School Gym Renovations, Fairmont, WV
- Renovations to Ritchie County Courthouse, Harrisville, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV
- MSES Corrosion Products Division, Clarksburg, WV
- Ritchie County Judicial Annex, Harrisville, WV
- Churchfield Apartments, Wheeling, WV
- Peacock Building, Thomas, WV
- B&O Railroad Station, Grafton, WV
- Delligatti Building, Fairmont, WV

STACEY BOWERS, AIA, NCARB, LEED Green Assoc. Project Architect



Years of Professional Experience: 10

EDUCATION

- Master of Architecture, University of Illinois at Chicago, 2009
- Study Abroad via UIC, IAAC, Barcelona, Spain, 2008
- Bachelor of Science in Architecture, Fairmont State University, 2007
Honors: Summa Cum Laude

REGISTRATIONS

- Registered Architect -West Virginia

PROFESSIONAL ORGANIZATIONS

- American Institute of Architects
- West Virginia Society of Architects
- USGBC - LEED Green Associate

EMPLOYMENT HISTORY

- Project Architect, Blackwood Associates, Inc., Fairmont, WV
- Architectural & Design Intern, Vandalia Heritage Foundation, Fairmont, WV



PROJECT EXPERIENCE

EDUCATIONAL

- New East Fairmont Middle School, Fairmont, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- New Lincoln Middle School, Lumberport, WV
- Renovations to Harman School, Harman, WV
- United Technical Center Welding Shop Renovation, Clarksburg, WV
- Simpson Elementary School Addition & Renovations, Bridgeport, WV
- Comprehensive Educational Facility Plans for:
 - Mineral County Schools, Keyser, WV
 - Marion County Schools, Fairmont, WV
 - Harrison County Schools, Clarksburg, WV
 - Lewis County Schools, Weston, WV
 - Pleasants County Schools, St. Marys, WV
 - Randolph County Schools, Elkins, WV
 - Barbour County Schools, Philippi, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV

INDUSTRIAL

- Additions & Renovations at Stockmeier Urethanes, Clarksburg, WV

HEALTHCARE

- Jackie Withrow Co-Occurring Facility, Beckly, WV

NATHANIEL H. ZIRKLE, ASSOC. AIA

Intern Architect



Years of Professional Experience: 6

EDUCATION

- Master of Architecture, Boston Architectural College, 2012
- Bachelor of Science in Architecture, Fairmont State University, 2009
Honors: Cum Laude

PROFESSIONAL ORGANIZATIONS

- American Institute of Architects - Associate Member

EMPLOYMENT HISTORY

- Intern Architect, Blackwood Associates, Inc., Fairmont, WV



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Belmont Elementary School Renovations, Belmont, WV
- New Keyser Primary School, Keyser
- New St. Marys High School, St. Marys
- St. Marys Athletic Facility, St. Marys
- Marion County Board of Education Office Renovation, Fairmont

HISTORICAL

- Ritchie County Judicial Annex, Harrisville, WV
- East Fairmont Junior High School Demolition, Fairmont, WV
- East Fairmont Junior High School Gym Renovations, Fairmont, WV
- Mt. Hope Monument
- Mount Hope Monument, Mount Hope, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV
- Simpson Creek Baptist Church Addition, Bridgeport, WV

RESIDENTIAL

- Appalachian Teen Challenge Induction Center, Clarksburg, WV
- NSP Grant Proposal
- Churchfield Apartments, Wheeling, WV
- Neighborhood Stabilization Program Grants
- Delligatti Building Apartments, Fairmont, WV
- Fleming Row on Benoni, Fairmont, WV

CASEY SMITH, ASSOC. AIA

Intern Architect



Years of Professional Experience: 6

EDUCATION

- Master of Architecture, Boston Architectural College, 2014
- Barbara Walker Award for Architectural Thesis Excellence
 - ◇ Certificate of Academic merit: Distance Master of Architecture
 - ◇ Architecture Thesis Commendation
 - ◇ Thesis chosen to be exhibited in the 2014 Student Design Showcase at the Boston Society of Architects
- Bachelor of Science in Architecture, Fairmont State University, 2009

PROFESSIONAL ORGANIZATIONS

- American Institute of Architects - Associate Member

EMPLOYMENT HISTORY

- Intern Architect, Blackwood Associates, Inc., Fairmont, WV
- Architectural & Design Intern, Vandalia Heritage Foundation, Fairmont, WV



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- New Lincoln Middle School, Lumberport, WV
- New Keyser Primary School, Keyser, WV
- New St Marys High School, St Marys, WV
- Randolph Tech Center Dust Collection System, Elkins, WV
- Fairmont Senior High School, Media Center, Auditorium, Gymnasium, Fairmont, WV
- Jayenne Elementary School Addition/Renovations, Fairmont, WV
- United Technical Center Welding Shop Renovation, Clarksburg, WV
- Simpson Elementary School Addition/Renovations, Bridgeport, WV
- Belmont Elementary School Renovations, Belmont, WV
- Anna Jarvis Elementary School Addition and Renovations, Grafton, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV

INDUSTRIAL

- Additions & Renovations at Stockmeier Urethanes, Clarksburg, WV
- Pratt & Whitney Engine Services, Various Projects, Bridgeport, WV
- Clarksburg-Harrison Public Library, Lighting Replacement, Clarksburg, WV

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|---|---|
| <input type="checkbox"/> Heating Ventilating and Air Conditioning Systems | <input type="checkbox"/> Fire Protection Sprinkler Systems |
| <input type="checkbox"/> Electrical Power and Lighting Systems | <input type="checkbox"/> Solar Heating and Photovoltaic System |
| <input type="checkbox"/> Fire Alarm and Detection Systems | <input type="checkbox"/> Fire Code and Building Code Compliance |
| <input type="checkbox"/> Plumbing Systems | <input type="checkbox"/> LEED Buildings |
| <input type="checkbox"/> Fuel Gas Systems | <input type="checkbox"/> Emergency Power Generation |
| <input type="checkbox"/> Energy Code Compliance | <input type="checkbox"/> Building Envelope Evaluation |

DAVID L. SKEEN, P.E.
Senior Project Engineer



Years of Professional Experience: 41

EDUCATION

- Chemical Engineering, Virginia Polytechnic Institute and State University
- B. S. Mathematics, West Virginia State University, 1974

REGISTRATIONS

- Professional Engineer - West Virginia, Ohio, Maryland and Kentucky
- U. S. Green Building Council - LEED Accredited Professional

PROFESSIONAL ORGANIZATIONS

- American Society of Heating, Refrigeration, Air Conditioning Engineers
- National Society of Professional Engineers
- WV Society of Professional Engineers - Past Chapter President

EMPLOYMENT HISTORY

- James E. Moore and Associates
- John D. Meyers and Associates
- David L. Skeen, P.E., Sole Proprietorship



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- New Lincoln Middle School, Lumberport, WV
- New Keyser Primary School, Keyser, WV
- New St Marys High School, St Marys, WV
- Randolph Tech Center Dust Collection System, Elkins, WV
- Fairmont Senior High School, Media Center, Auditorium, Gymnasium, Fairmont, WV
- Jayenne Elementary School Addition/Renovations, Fairmont, WV
- United Technical Center Welding Shop Renovation, Clarksburg, WV
- Simpson Elementary School Addition/Renovations, Bridgeport, WV
- Belmont Elementary School Renovations, Belmont, WV
- Anna Jarvis Elementary School Addition and Renovations, Grafton, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV

INDUSTRIAL

- Additions & Renovations at Stockmeier Urethanes, Clarksburg, WV
- Pratt & Whitney Engine Services, Various Projects, Bridgeport, WV
- Clarksburg-Harrison Public Library, Lighting Replacement, Clarksburg, WV

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Regulatory Interaction |
| <input type="checkbox"/> Life Safety Codes | <input type="checkbox"/> Specification Development |
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> GPS Surveys |
| <input type="checkbox"/> Economic Feasibility | <input type="checkbox"/> Lighting |
| <input type="checkbox"/> Power Systems | <input type="checkbox"/> Fire Alarm Systems |
| <input type="checkbox"/> Telecommunications Systems | <input type="checkbox"/> Computer Systems |
| <input type="checkbox"/> Emergency Generator | <input type="checkbox"/> Power Distribution |
| <input type="checkbox"/> N.E.C. Compliance | <input type="checkbox"/> Architectural Support |
| <input type="checkbox"/> Code Compliance | <input type="checkbox"/> Architectural Support- Electrical |
| <input type="checkbox"/> Site Utilities | <input type="checkbox"/> Cathodic Protection Design |
| <input type="checkbox"/> AC Mitigation Design/Testing | <input type="checkbox"/> Close Interval Surveys |
| <input type="checkbox"/> QA/QC Inspection & Compliance | <input type="checkbox"/> Computer Modeling |

JEFFREY K. PAULEY, P.E., P.S.
 Engineering Coordinator
 Senior Project Engineer - Electrical



Years of Professional Experience: 25

EDUCATION

- B. S., Electrical Engineering, Tennessee Tech University, 1988

REGISTRATIONS

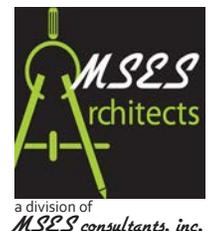
- Registered Professional Engineer - WV, OH, NY, PA, MD, VA, NC, DC
- Professional Surveyor - WV
- Licensed State of WV Master Electrician

PROFESSIONAL ORGANIZATIONS

- National Society of Professional Engineers
- Member Harrison County BOCA Appeals Board

EMPLOYMENT HISTORY

- Allegheny Power Company



PROJECT EXPERIENCE

EDUCATIONAL

- Renovations To Third Ward Elementary School, Elkins, WV
- New East Fairmont Middle School, Fairmont, WV
- New Keyser Primary School, Keyser, WV
- New St Marys High School, St Marys, WV
- New Franklin Elementary School, Franklin, WV
- New Lincoln Middle School, Lumberport, WV
- Fairmont Senior High School, Media Center, Auditorium, Gymnasium, Fairmont, WV

COMMERCIAL

- MVB White Hall Branch, White Hall, WV

INDUSTRIAL

- Additions & Renovations at Stockmeier Urethanes, Clarksburg, WV
- Pratt & Whitney Engine Services, Various Projects, Bridgeport, WV
- Clarksburg-Harrison Public Library, Lighting Replacement, Clarksburg, WV

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|--|
| <input type="checkbox"/> Life Safety Codes | <input type="checkbox"/> Job Costing |
| <input type="checkbox"/> Economic Feasibility | <input type="checkbox"/> Power Systems |
| <input type="checkbox"/> Telecommunication Systems | <input type="checkbox"/> Computer Systems |
| <input type="checkbox"/> Power Distribution | <input type="checkbox"/> Code Compliance |
| <input type="checkbox"/> Site Surveys | <input type="checkbox"/> Site Development |
| <input type="checkbox"/> QA/QC Inspection/Compliance | <input type="checkbox"/> Lighting |
| <input type="checkbox"/> Fire Alarm Systems | <input type="checkbox"/> Emergency Generator |
| <input type="checkbox"/> N.E.C. Compliance | <input type="checkbox"/> Architectural Support |
| <input type="checkbox"/> Mapping | <input type="checkbox"/> Site Utilities |
| <input type="checkbox"/> Residential Wiring | <input type="checkbox"/> Commercial Wiring |

DAVID P. KIRBY

Project Electrical Engineer



Years of Professional Experience: 6

EDUCATION

- B. S., Electrical Engineering, West Virginia University, 2009
- B.A., Regents, West Virginia University, 2003

REGISTRATIONS

- Licensed State of West Virginia Master Electrician

PROFESSIONAL ORGANIZATIONS

- National Society of Professional Engineers

EMPLOYMENT HISTORY

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



EMPLOYMENT HISTORY

- Joyce Engineering
- Harman Construction, Inc.
- Southern Ohio Coal Company
- American Electric Power Service Corporation

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|---|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Contract Administration |
| <input type="checkbox"/> Noise Assessment | <input type="checkbox"/> Specification Development |
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Emergency Generator |
| <input type="checkbox"/> HVAC Systems | <input type="checkbox"/> Boiler System |
| <input type="checkbox"/> Code Compliance | <input type="checkbox"/> Laboratory Exhaust Systems |
| <input type="checkbox"/> Energy Recovery Ventilation | <input type="checkbox"/> Isolation Room HVAC Systems |
| <input type="checkbox"/> Life Safety Codes | <input type="checkbox"/> N.E.C. Compliance |
| <input type="checkbox"/> Fire Protection Systems | <input type="checkbox"/> Energy Management Systems |
| <input type="checkbox"/> Specialty Ventilation System | <input type="checkbox"/> Energy Audits/Conservation |
| <input type="checkbox"/> Architectural Support/
Mechanical | <input type="checkbox"/> Kitchen Ventilation Systems |

CHARLES H. "SAM" MUNCY, JR., P.S., P.E., MSCE

Senior Project Manager



Years of Professional Experience: 41

EDUCATION

- B. S. Civil Engineering, West Virginia University, 1974
- M. S. Civil Engineering, West Virginia University, 1983

REGISTRATIONS

- Registered Professional Engineer - WV, PA, FL, NC, OH and VA
- Professional Surveyor - WV
- Certified Compaction Technician - WV DOH
- Licensed Remediation Specialist - NY, OH, WV
- Certified Monitoring Well Designer and Installer - WVDEP
- Certified Landfill Manager - SWANA
- Geosynthetic Accreditation Institute - Clay & Geo Synthetic Liners

PROFESSIONAL ORGANIZATIONS

- American Society of Civil Engineers
- Solid Waste Association of North America
- Barbour County, WV Solid Waste Authority Member
- Gundle Liner Seminars and Workshops



PROJECT EXPERIENCE

EDUCATIONAL

- New Franklin Elementary School, Franklin, WV
- New East Fairmont Middle School, Fairmont, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Jayenne Elementary School Addition/Renovations, Fairmont, WV
- Renovations to Harman School, Harman, WV
- United Technical Center Welding Shop Renovation, Clarksburg, WV
- Simpson Elementary School Addition/Renovations, Bridgeport, WV
- New Keyser Primary School, Keyser, WV
- Belmont Elementary School Renovations, Belmont, WV
- St. Marys Elementary School Renovations, Belmont, WV
- New St. Marys High School, St. Marys, WV
- St. Marys High School Athletic Complex, St. Marys, WV
- Kasson Elementary School Renovations, Kasson, WV
- Junior Elementary School Renovations, Junior, WV
- Anna Jarvis Elementary School Addition and Renovations, Grafton, WV

HISTORICAL

- Veterans Square Building - Renovations , Fairmont, WV
- Hutchinson House - Restoration, Fairmont, WV
- Veterans Cemetery, Grafton, WV

COMMERCIAL

- MVB White Hall Branch, Fairmont, WV
- Kroger Fuel Centers, WV, KY and VA

INDUSTRIAL

- Addition & Renovations at Stockmeier Urethanes, Clarksburg, WV
- GrafTech Intl., Clarksburg, WV
- A&G Glass Factory, Taylor County, WV
- Europtica USA, Clarksburg, WV
- Pratt & Whitney Engine Systems, Bridgeport, WV

HEALTHCARE

- WV Veterans Nursing Facility, Clarksburg
- William R. Sharpe Jr. Hospital - Transitional Facility, Weston, WV
- Turning Pointe, Beckley, WV
- TB Unit at Jackie Withrow Hospital, Beckley, WV
- Veterans Hospitals, Clarksburg, Beckley, Martinsburg, Huntington, WV

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Foundations |
| <input type="checkbox"/> Regulatory Interaction | <input type="checkbox"/> Land Planning |
| <input type="checkbox"/> Specification Development | <input type="checkbox"/> Site Development |
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Site Utilities |
| <input type="checkbox"/> Property Evaluation | <input type="checkbox"/> Plumbing System/Design |
| <input type="checkbox"/> Economic Feasibility | <input type="checkbox"/> Stormwater Management |
| <input type="checkbox"/> Soils Engineering | <input type="checkbox"/> Erosion and Sediment Planning |
| <input type="checkbox"/> Earth Sciences | <input type="checkbox"/> Civil/Architectural Support |
| <input type="checkbox"/> Flood Routing | <input type="checkbox"/> QA/QC Inspection & Compliance |

RODNEY D. KIDD, MSCE

Project Engineer



Years of Professional Experience: 10

EDUCATION

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

REGISTRATIONS

- 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 Board Member- Bridgeport City Council

EMPLOYMENT HISTORY

- Union Carbide Corporation



PROFESSIONAL ORGANIZATIONS

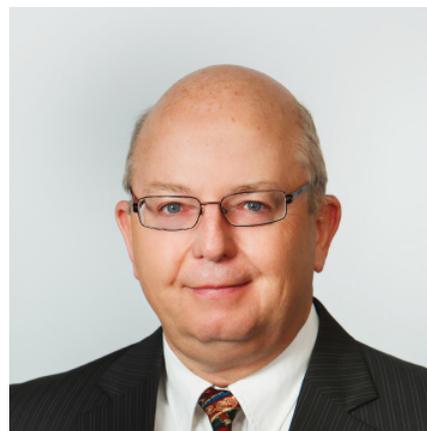
- American Society of Safety Engineers
- American Industrial Hygiene Association
- Air and Waste Management Association
- Harrison County SARA Title III Local Emergency Planning Committee - Chairman
- West Virginia Chapter of Air and Waste Management Association - Vice Chairperson

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|--|
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Management |
| <input type="checkbox"/> Risk Assessment/Analysis | <input type="checkbox"/> Regulatory Interaction |
| <input type="checkbox"/> Economic Feasibility | <input type="checkbox"/> Remediation (Design & Permit) |
| <input type="checkbox"/> RCRA Waste Units | <input type="checkbox"/> Drilling Programs |
| <input type="checkbox"/> Bioremediation | <input type="checkbox"/> Geographic/Hydrologic Studies |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Air Permitting |
| <input type="checkbox"/> Indoor Air Quality | <input type="checkbox"/> Code Compliance |
| <input type="checkbox"/> E-911 Systems | <input type="checkbox"/> GIS Systems |
| <input type="checkbox"/> NPDES Permitting | <input type="checkbox"/> Earth Sciences |
| <input type="checkbox"/> Hazardous Waste Management | <input type="checkbox"/> Air Emission Modeling |
| <input type="checkbox"/> Asbestos Assessment | <input type="checkbox"/> NORM Assessment |
| <input type="checkbox"/> Health & Safety | <input type="checkbox"/> Noise Assessment |
| <input type="checkbox"/> Hydrologic & Hydraulic Analysis | <input type="checkbox"/> Environmental/Architectural Support |
| <input type="checkbox"/> Waste Management/Minimization | <input type="checkbox"/> Air Emission Regulatory Compliance |

JOHN J. KEELING, P.E., C.I.H., C.S.P., Q.E.P., L.R.S.

Principal and Project Manager



Years of Professional Experience: 41

EDUCATION

- B. S. Civil Engineering, University of Kentucky, 1974

REGISTRATIONS

- Registered Professional Engineer - WV, VA, KY & PA
- 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, WV, NY & OH BOH
- Certified Visible Emissions Observer - USEPA
- Licensed Asbestos Inspector/Manag. Planner/Clearance Air Monitor - WV, OH & Ohio
- Underground Storage Tank Closure Specialist/Installer - WVDEP
- Certified Monitoring Well Designer and Installer - WVDEP



PROJECT EXPERIENCE

EDUCATIONAL

- Asbestos abatement project assistance, AHERA compliance and indoor air quality investigations for the following WV County School Systems: Marion, Mineral, Taylor, Randolph, Lewis, Monongalia and Braxton
- Asbestos abatement project assistance and AHERA compliance for the following WV County School Systems: Webster, Pleasants and Tucker
- Asbestos abatement project assistance and indoor air quality investigations: Fairmont State University, Wesleyan College and Alderson-Broadus College
- Laboratory hood certifications and mercury spill cleanup assistance at West Virginia University
- Asbestos abatement project assistance: Shepherd University and Salem University

COMMERCIAL

- Asbestos abatement and demolition project assistance- MVB Bank, Fairmont Branch
- Indoor air quality investigation- Huntington Bank, Clarksburg Branch
- Asbestos abatement project assistance- Kroger Company
- Asbestos Air Sampling- Chase Bank, Clarksburg Branch and Barbour County Bank, Philippi Branch

HEALTHCARE

- Asbestos abatement project assistance, environmental compliance assistance, safety/industrial hygiene assistance, indoor air quality investigations- United Hospital Center and Louis A. Johnson Medical Center
- Indoor air quality investigations, isolation room Certification- Fairmont General Hospital
- Indoor air quality investigations- Monongalia General Hospital

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|---|--|
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Life Safety Codes |
| <input type="checkbox"/> Risk Assessment/Analysis | <input type="checkbox"/> Noise Assessment |
| <input type="checkbox"/> Regulatory Interaction | <input type="checkbox"/> SARA Title III |
| <input type="checkbox"/> Phase I and II Investigation | <input type="checkbox"/> Specification Development |
| <input type="checkbox"/> Remediation Design | <input type="checkbox"/> Health & Safety Programs |
| <input type="checkbox"/> RCRA Waste Units | <input type="checkbox"/> Training Programs |
| <input type="checkbox"/> Sampling/Laboratory Programs | <input type="checkbox"/> Indoor Air Quality |
| <input type="checkbox"/> Mold and Fungi | <input type="checkbox"/> Brownfields Specialist |
| <input type="checkbox"/> Asbestos Assessment | <input type="checkbox"/> QA/QC Inspection & Compliance |

ALLEN R. CUTLIP, CIH, C.S.P.

Safety/Industrial Hygiene Coordinator



Years of Professional Experience: 28

EDUCATION

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

REGISTRATIONS

- 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
- Hazardous Waste Operator - OSHA
- Hazardous Waste Supervisor - OSHA

PROFESSIONAL ORGANIZATIONS

- American Society of Safety Engineers, Northern WV Chapter - Vice President
- American Industrial Hygiene Association

EMPLOYMENT HISTORY

- ASCI (Subcontractor to USEPA)



PROJECT EXPERIENCE

HISTORICAL

- National Park Service
- Morgantown Downtown Historic District
- West Virginia University - Oglebay Hall
- Pittsburgh History and Landmark Foundation
- Allegheny County Jail Museum
 - ◊ Pentagon Renovation Program (PEREN)
 - ◊ Falconhurst Project (LEED Silver Rating)
 - ◊ WVU Brooks and White Hall Renovations
 - ◊ Southside Duquesne Works Renovation
- Oliver Miller Homestead - South Park
- Hamnett Place neighborhood
- Pittsburgh Historic Northside Community

PROFESSIONAL EXPERIENCE SUMMARY

- | | |
|--|--|
| <input type="checkbox"/> Job Costing | <input type="checkbox"/> Waste Management |
| <input type="checkbox"/> Waste Minimization | <input type="checkbox"/> Code Compliance |
| <input type="checkbox"/> Hazardous Waste Surveys | <input type="checkbox"/> Structure Assessments |
| <input type="checkbox"/> Asbestos Assessments | <input type="checkbox"/> Regulatory Interaction |
| <input type="checkbox"/> GIS Systems | <input type="checkbox"/> Economic Feasibility |
| <input type="checkbox"/> Health and Safety | <input type="checkbox"/> Sampling/Laboratory Programs |
| <input type="checkbox"/> Specification Development | <input type="checkbox"/> Indoor Air Quality |
| <input type="checkbox"/> Environmental/Architectural Support | <input type="checkbox"/> Lead Base Paint Risk Assessment |

JOHN J. PARROTTA

Environmental Scientist



Years of Professional Experience: 15

EDUCATION

- B. S. Wildlife and Fisheries Resources Management, West Virginia University, 1999

PROFESSIONAL ORGANIZATIONS

- Air and Waste Management Assoc.
- National Trust for Historic Preservation
- ASTM International - Member

EMPLOYMENT HISTORY

- JPEC, LLC
- Alpha Associates, Inc.
- West Virginia University Planning Section



PROJECT EXPERIENCE

EDUCATIONAL

- Mannington Middle School Master Planning, Mannington, WV
- New Keyser Primary School, Keyser, WV
- New St. Marys High School, St. Marys, WV
- St. Marys High School Athletic Complex, St. Marys, WV
- Kasson Elementary/Middle School Addition and Renovations, Moatsville, WV
- Marion County Schools Comprehensive Education Facility Plan, Fairmont, WV
- Marion County Schools, Countywide School Improvement Bond, Fairmont, WV
- Mineral County Schools, Countywide School Improvement Bond, Fairmont, WV
- Pleasants County Schools, Countywide School Improvement Bond, Fairmont, WV

COMMERCIAL

- MVB Downtown Branch Renovations, Fairmont, WV
- MSES Corrosion Products Division, Clarksburg, WV

GOVERNMENTAL

- Donel Kinnard Memorial State Veterans Cemetery, Institute, WV

INDUSTRIAL

- Addition and Renovations at Stockmeier Urethanes, Clarksburg, WV

HEALTHCARE

- Turning Pointe, Beckley, WV

JEREMY HOBSON

CAD Technician / 3D Visualization



Years of Professional Experience: 12

EDUCATION

- Drafting at Marion County Vocational Center, 1999

EMPLOYMENT HISTORY

- CAD Technician, Blackwood Associates, Inc., Fairmont, WV
- CAD Technician, V. Baras Architects, Inc., Glenspey, NY



PROJECT ORGANIZATION

MSES OFFICES

MSES Architects presents a full service approach for the Moundsville FMS#9 Renovation and Drainage project, Our team has the capacity to provide all of needed resources to develop, design and oversee the project under one A/E Agreement. MSES has offices spread across West Virginia and we have completed numerous successful project throughout the state.

The Fairmont Office staff, with support from MSES Consultants' corporate office staff, will be responsible for the activities associated with your project.

MSES Architects

Fairmont Office
1000 Green River Drive, Suite 200
Fairmont, WV 26554
304.366.9700

MSES Consultants, Inc.

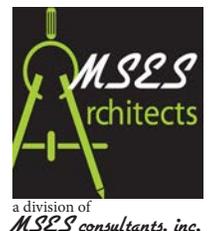
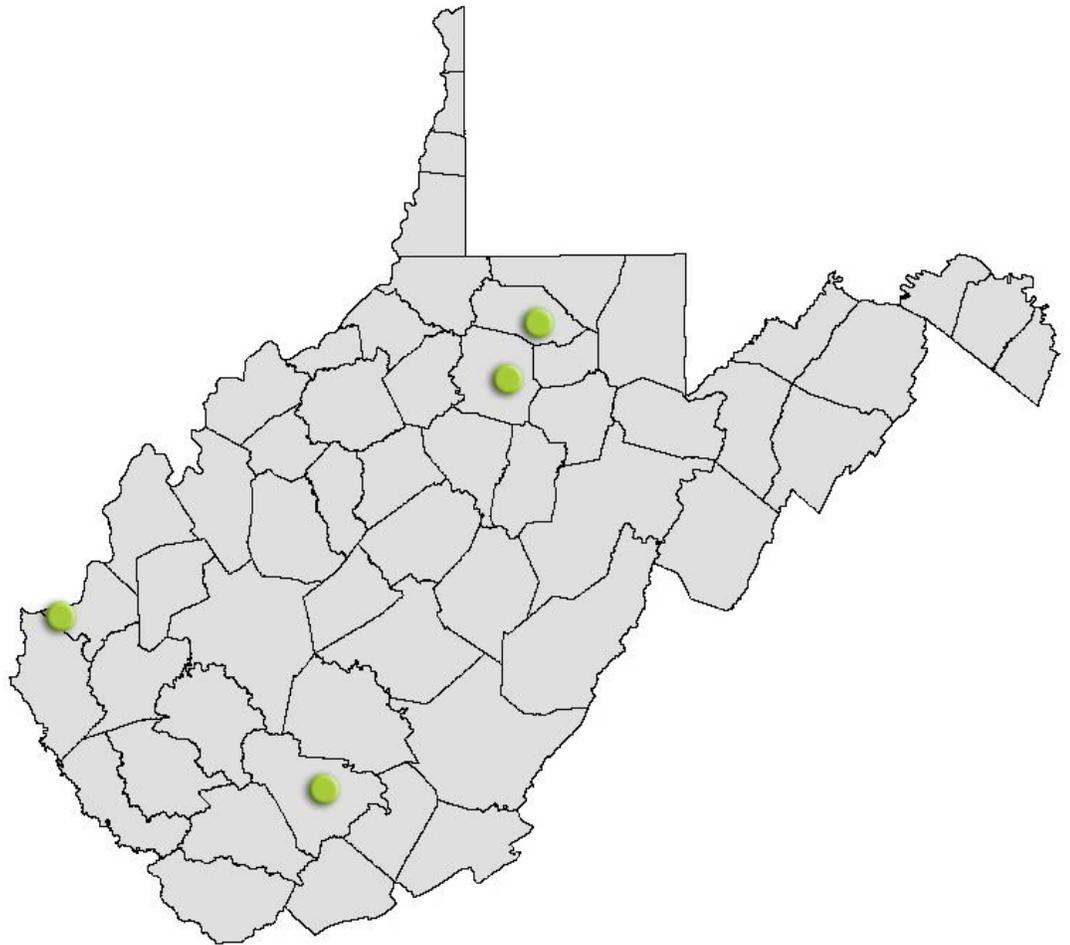
Corporate Office
609 W Main Street, Bldg. 2
Clarksburg, WV 26302
304.624.9700

MSES Beckley Office

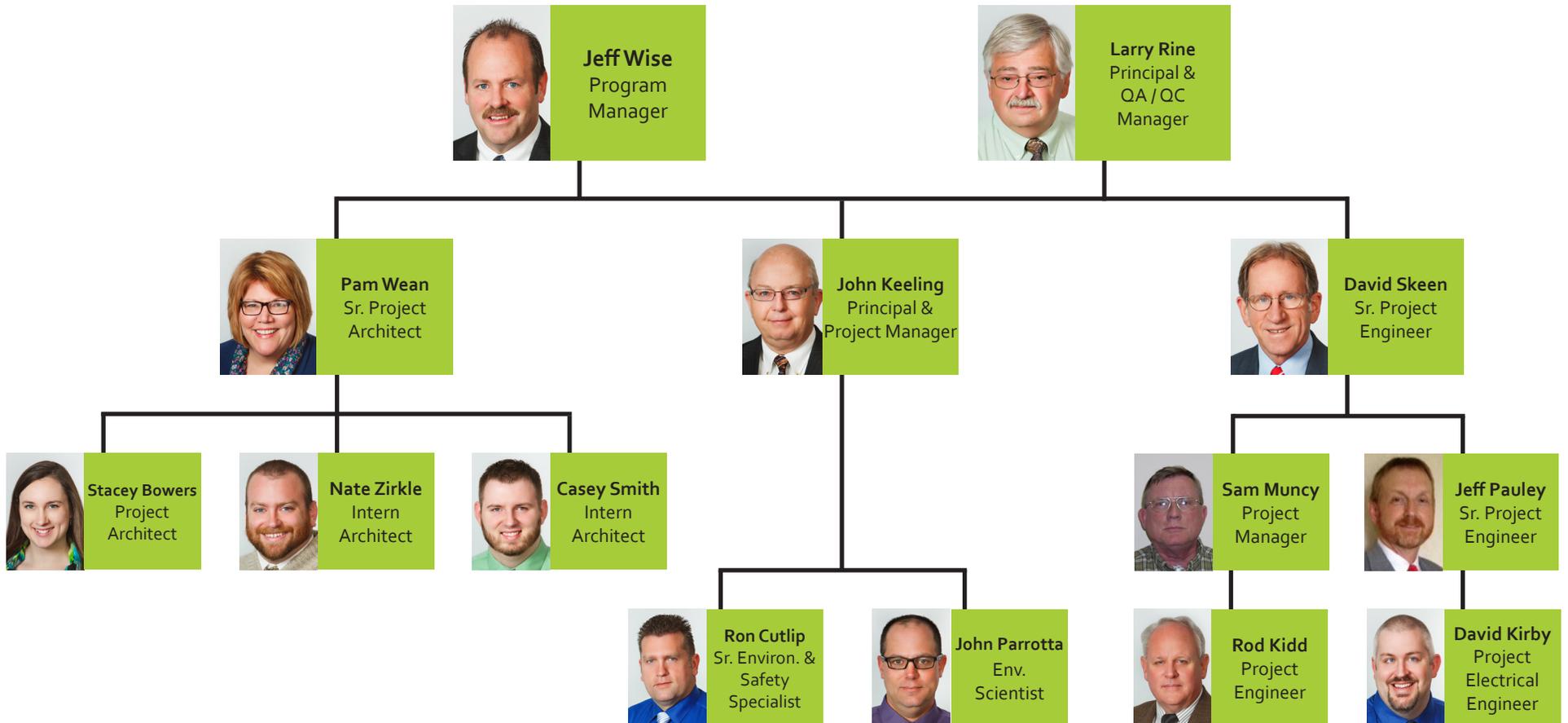
Pinecrest Plaza South
201 Grey Flats Road, Suite 105
Beckley, WV 25801
304.731.4700

MSES Huntington Office

313 Twelfth Avenue West
Huntington, WV 25701
304.522.9055



MSES TEAM
PROJECT ORGANIZATIONAL CHART
Moundsville FMS#9
Renovations, “Battery Room” and Drainage Redesign



PROJECT APPROACH

At MSES Architects, our Number One objective is to provide our clients with a finished product that meets their functional needs, is designed and constructed on time and within budget, and is an attractive facility that they can be proud of for years to come. We take pride in our attention to detail and our ability to listen to the client so we fully understand their needs. MSES believes in the "Expanded Team" approach. We think that quality projects result from well-planned designs and continuous coordination between our staff and the client.

As with every project, we will first meet with our client, in this case, the West Virginia Army National Guard Construction and Facilities Management Offices (WVARNG), Together, our team of experts will discuss with you the specific requirements and needs for the project. We will tour the site and building to document the current conditions. We will then begin the Preliminary Design. As soon as possible, we will provide budget cost data. Because our team is available to begin this project immediately, we feel we can produce this information very quickly.

During the Schematic Design Phase, we will continue working with the owner and occupants as we review scope-of-work and budget. During this phase we will further develop the documents, and continue to update construction costs associated with the project.

As we move into the Design Development Phase, we advance into more detailed plans and drawings. The advantage of having all architectural and engineering disciplines within the same firm is that we can coordinate with each other from start to finish, resulting in more accurate design documents, fewer questions in the field, and less changes during construction. Architects and Engineers work together in the same office and can meet daily to discuss your project face to face. As with all phases of design, we will continue to provide you with up-to-date budget summaries to ensure the project is on track.

Construction Documents will be finalized when you are satisfied with the design and budget. We will then handle distribution of documents to bidders, which will be available for download from our website, or as printed copies. We will attend over Pre-Bid and other meetings, and assist in selecting a contractor if needed. We urge clients to be involved as much or as little as they want; we will always provide professional service and assist throughout the project.

MSES Architects will assist with contract preparation as needed, and then proceed into the construction phase by attending all job meetings, addressing all correspondence, reviewing schedules, submittals and pay applications, observing construction and providing reports. We perform these duties in a very expedient manner in order to maintain a speedy construction schedule. We will then review all project close-out submittals and forward them to the WVARNG. We have been told that our commitment to our clients is second to none, and we believe that the WVARNG will be extremely pleased with the outcome of your project. We encourage you to contact the references listed in our Expression of Interest to learn more about our team of professionals and how we can help create a successful project for you.



RELEVANT EXPERIENCE



PROJECT HIGHLIGHTS

- Restoration of Building Exterior
- Window Replacement
- Masonry Cleaning and Restoration
- Creation of 2-Story Media Center
- Interior Renovations
- Plaster Repair and Painting
- Restoration of Wood Flooring
- Security and Access Control
- Plumbing, Mechanical and Electrical Replacement
- \$15,000,000.00
- 92,000 SF
- Completed: 2013

CLIENT

Marion County Schools
 Gary Price, Superintendent
 (304) 367-2100 x111

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning Funding Budgeting and Management
- Pam Wean, Senior Project Architect
- Stacey Bowers, Project Architect
- Nate Zirkle, Intern Architect
- Casey Smith, Intern Architect
- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Dave Kirby, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist

FAIRMONT SENIOR HIGH SCHOOL
 Fairmont, WV

Fairmont Senior High School was constructed in 1928, and although the building was structurally sound it was in need of interior and exterior upgrades. Because the school is listed on the National Register of Historic Places, our team worked closely with WV SHPO as well as local historic agencies to plan and design building improvements.

The first phase of the project, funded by the American Recovery and Reinvestment Act, included HVAC and Energy Upgrades. The following phases of construction were funded by the School Building Authority and local bond funding.

Virtually every area and surface of the building was upgraded, including all new electrical, plumbing, HVAC, fire alarms, sprinklers, access control and security, and technology systems. Interior cosmetic improvements included plaster repair, new paint, ceilings, doors, new and refinished wood floors. New classrooms were created in the former cafeteria and in the former library. Exterior improvements included brick and stone cleaning and repointing, window and door replacement, and new sidewalks.

The most significant improvement was the addition of a new Media Center that was created by installing a skylight over the existing two-story courtyard. Supported by decorative columns, a balcony with an iron and wood railing was installed to house the book collection. The existing brick walls were cleaned and left exposed, and new windows were replicated to match the historical windows allow light into the surrounding rooms.





RENOVATIONS TO EAST FAIRMONT MIDDLE SCHOOL GYMNASIUM
Fairmont, WV

The East Fairmont Middle School Gymnasium was constructed in 1929 adjacent to a high school built in 1921. Although the high school was demolished, it was determined that the Gym could be restored to serve as an auxiliary gym to the new adjacent middle school, and as a community gym.

MSES Architects and Engineers designed extensive renovations both inside and out. Exterior renovations were completed in Spring 2015, and include brick and stone repair and cleaning, total window replacement with historical windows and painting.

Interior improvements are scheduled to begin in Summer, 2015. Entire electrical replacement and HVAC upgrades will take place, and future toilet room and cosmetic upgrades are planned.

PROJECT HIGHLIGHTS

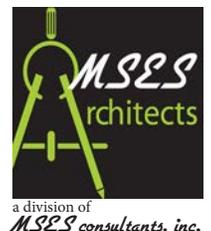
- Exterior improvements include masonry repair and restoration, roofing repairs, window replacement, and exterior painting
- Interior renovations include HVAC, electrical, and lighting upgrades, fire alarm and security systems, restroom upgrades, and painting

CLIENT

Marion County Schools
Gary Price, Superintendent
(304) 367-2100 x111

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning Funding Budgeting and Management
- Pam Wean, Senior Project Architect
- Stacey Bowers, Project Architect
- Nate Zirkle, Intern Architect
- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Dave Kirby, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist





JAYENNE ELEMENTARY SCHOOL
Fairmont, WV

The multi-phase renovations at Jayenne Elementary School began with an initial evaluation of the entire building to determine needed improvements. Local funding was available for the cafeteria and kitchen addition. Additional funding through the School Building Authority and local bonds allowed for more extensive renovations including HVAC upgrades, a six-classroom addition, and interior and exterior renovations.

The upgrades and renovations, as well as the construction of the additions, were carefully planned and phased to occur without disrupting the operation of the school during the school year.



PROJECT HIGHLIGHTS

- Cafeteria & Kitchen Addition and
- Six-Classroom Addition
- HVAC Upgrades
- Exterior Renovations
- Window and Door Replacement
- Masonry Cleaning and Restoration
- Interior Renovations
- Plaster Repair and Painting
- New Ceilings & Flooring
- Plumbing & Electrical Upgrades
- Sprinkler Installation
- \$2,905,105.00 Construction Cost
- 28,822 SF
- Completed October 2007

CLIENT

Marion County Schools
Gary Price, Superintendent
(304) 367-2100 x111

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning Funding Budgeting and Management
- Pam Wean, Senior Project Architect
- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist
- MSES Survey Team





ROBERT L. BLAND MIDDLE SCHOOL
Weston, WV

The interior and exterior of Robert L. Bland Middle School received a total upgrade in 2008. Virtually all areas of the school were renovated, inside and out. MSES Architects and Engineers provided design services for the following work:

Exterior: Masonry repair, restoration cleaning and sealing, and window replacement throughout.

Interior: Flooring and ceiling replacement, newly painted walls, electrical and lighting replacement; HVAC replacement; kitchen and cafeteria expansion and renovations.

PROJECT HIGHLIGHTS

Restoration of Building Exterior

- Window and Door Replacement
- Masonry Cleaning & Restoration

Interior Renovations

- Sprinkler, Electrical & Lighting Upgrades
- HVAC Replacement
- New Ceilings, Flooring, & Painting
- Kitchen/Cafeteria Upgrades

- \$5,581,000 Construction Cost
- Completed: 2008

CLIENT CONTACT

Lewis County Schools

*LD Skarzinski, Central Office Administrator
(304) 269-8300*

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Rod Kidd, Civil Engineer
- Tim McMunn, Architectural Designer/CAD Technician
- Ron Cutlip, Environmental Specialist
- MSES Survey Team

MILDRED MITCHELL-BATEMAN HOSPITAL

Huntington, WV

Building 2 on this campus is a three-story structure with a basement. The top two floors had been previously gutted and left vacant, with the first floor used as offices and the basement for storage.

Existing exterior brick walls had sustained water damage and were cracking and in disrepair; and windows were in need of replacement.

Our team of architects and engineers evaluated the structure and designed the upper two floors to house 29 patient rooms with nursing stations, activity rooms, and associated spaces. A secure entry to each floor was created along with renovation and repair to the elevator hoistway.

Renovations on the first floor and basement were also conducted to maintain the secure entry. Electrical and mechanical upgrades took place, including replacement of two 70-ton chillers and associated piping.

Exterior improvements included repair and restoring brick walls and replacement of windows. The existing tunnel between buildings 2 and 3 was also repaired to eliminate water infiltration by excavating the soil around the tunnel and sealing the connection to building 2.

PROJECT HIGHLIGHTS

- *Design of 29-bed facility in Building 2*
- *Exterior Renovation & Brick Repair*
- *Window Replacement*
- *\$4,700,000 Construction Cost*
- *43,000 SF*
- *Completed: 2009*

CLIENT

WV Dept. of Health & Human Resources

MSES professionals provided planning, design and construction period services for this project in the following roles:

- *Jeff Wise, Planning, Funding, Budgeting and Management*
- *Pam Wean, Senior Project Architect*
- *Dave Skeen, Mechanical Engineer*
- *Jeff Pauley, Electrical Engineer*
- *Rod Kidd, Civil Engineer*
- *John Keeling, Environmental Specialist*
- *Ron Cutlip, Environmental Specialist*





WV PARKWAYS ECONOMIC DEVELOPMENT & TOURISM AUTHORITY
Clarksburg, WV

The WV Parkways Economic Development and Tourism Authority commissioned MSES to provide a prototype facility to support its changing highway maintenance needs. The first facility was designed, accepted, and constructed at the Ghent interchange, in Raleigh County, West Virginia.

A second maintenance facility was constructed per the Ghent prototype, located at the Standard, Kanawha County West Virginia interchange. Both the Standard and Ghent facilities provided the following: two maintenance bays, with ceilings, doors, and interior space sufficient to accommodate the indoor operation and maintenance of the wash bay.

The central portion of each facility features a two-level office area, employee shower/change room and lunch area, secure parts and material storage area, and maintenance facility manager's office. Employee safety and comfort were also considered, with lighting, exhaust collection and ventilation systems, and heated and air conditioned work spaces. Exterior storage areas were also developed, for the storage of guardrails, piping, road maintenance articles, and seasonal accessories, such as snow plow blades, etc.

The Maintenance Facilities are pre-engineered metal buildings, slab on grade, partial second floor, 30 foot high bays, with each facility consisting of 14, 350 square feet.

SERVICES

- 14,350 SF pre-engineered metal buildings, slab-on-grade, partial second floor, 30 foot high bays at two locations.
- Maintenance facility including two maintenance bays, ceilings, doors, interior space.

CLIENT

WV Parkways Economic Development & Tourism Authority
(304) 256-6680



MARION COUNTY BOE OFFICE RENOVATIONS
Fairmont, WV

Under the design by MSES Architects, the former National Guard Armory in Fairmont was purchased by Marion County Schools and is currently being renovated to house the Marion County Board of Education. Work consists of demolition of the existing vehicle maintenance bay and firing range and renovation of the existing office wing into over 30 new offices and associated spaces. In addition, a new state-of-the-art Conference Room was designed with fully-automated projectors, screens, lighting and window blinds that function using iPad control.

Exterior improvements include replacement of existing windows and creation of a new main entrance to the office wing. Also, the new parking areas for staff and visitors will be provided.

PROJECT HIGHLIGHTS

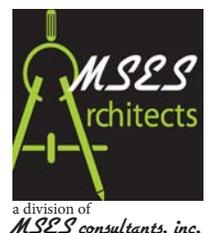
- Renovation of office wing of the former National Guard Armory for use as the Marion County Board of Education Central Office
- 11,430 SF
- Asbestos abatement
- All new finishes
- Lighting and electrical upgrades
- Plumbing and HVAC upgrades
- Window and door replacement
- New parking
- Completion June 2015
- Construction Cost: \$1,440,000.00

CLIENT

Marion County Schools
Gary Price, Superintendent
(304) 367-2100 x111

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning Funding Budgeting and Management
- Pam Wean, Senior Project Architect
- Casey Smith, Intern Architect
- David Skeen, Mechanical Engineer
- David Kirby, Electrical Engineer
- Rod Kidd, Structural and Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist
- MSES Survey Team





PROJECT HIGHLIGHTS

- Design of training facility for adults with disabilities
- Production / Warehouse / Maintenance Shop
- Administrative Offices
- Training rooms
- Commercial kitchen and cafeteria
- Restaurant

CLIENT

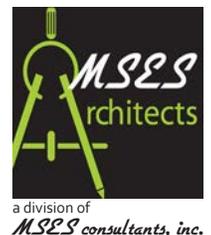
PACE Enterprises, Inc.
 Bob Pirner
 (304) 983-7223

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning, Funding, Budgeting and Management
- Pam Wean, Senior Project Architect
- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist
- MSES Survey Team

PACE ENTERPRISES
 Morgantown, WV

Pace Enterprises is a facility that trains adults with disabilities in the fields of production, food service, data entry, maintenance and a variety of other skills. Pace had outgrown their existing facility in Star City, West Virginia and were in need of expansion. Our team of architects and engineers assisted Pace by designing an 11,000 SF office and production facility. Phase 1 included construction of the building foundation and shell. Phase 2 involved the build-out of interior spaces which includes food service and dining facilities for staff and clients as well as a small diner open to the public. In addition, offices and training rooms are available for clients to learn computer skills. The production and maintenance area features a large, high-bay work area and is complete with a loading dock. Currently one of their most requested services is their secure document shredding service.





STOCKMEIER URETHANES USA, INC.
Clarksburg, WV

Stockmeier Urethanes USA, Inc. is a manufacturing facility in Clarksburg, West Virginia. MSES Architects has designed and managed many projects to keep up with the Owner's increasing business.

Projects include:

Master Planning of the site to include expansion of warehouse and production area; gutting and renovating an 11,000 SF office building to create a new, state-of-the-art corporate office including a training room, state-of-the-art board room and classroom, and an exercise room for staff; expansion of several loading dock areas; creation of new site entry plaza with signage and flagpoles; renovation of breakroom, locker room and labs; and many others.

PROJECT HIGHLIGHTS

- *Architectural and Engineering design services for a variety of projects*
- *Warehouse expansion*
- *Corporate Office renovation*
- *Master Planning*
- *Site improvements*
- *Loading dock additions*
- *Locker Room & Break Room renovations*

CLIENT

Stockmeier Urethanes USA, Inc.
Christian Martinkat
(304) 624-7002

MSES professionals provided design and construction period services for this project in the following roles:

- *Jeff Wise, Planning, Funding, Budgeting and Management*
- *Pam Wean, Project Architect*
- *Nate Zirkle, Intern Architect*
- *Dave Skeen, Mechanical Engineer*
- *Dave Kirby, Electrical Engineer*
- *Rod Kidd, Civil Engineer*





PRATT & WHITNEY ENGINE SERVICES
Bridgeport, WV

Pratt & Whitney Engine Services provides services for the inspection, repair and maintenance of small to medium sized aircraft engines. These services include housing aircraft in the company's hangar systems, removing the engines, performing the necessary repairs and inspections, testing the engines, and the re-installing them into the aircraft. MSES was assigned the task of developing an aircraft hangar building that would accommodate various sized aircraft, with the capacity to house numerous aircraft at one time. A pre-engineered, slab on grade metal building, which interconnects with the Harrison-Marion Regional Airport's taxiways, was developed. MSES has been called upon on two different occasions to enlarge the existing hangar area and developed additional repair and offices spaces immediately adjacent to the hangar. The facility consists of a 28,000 SF hangar area and a 12,000 sq. ft. maintenance and office area

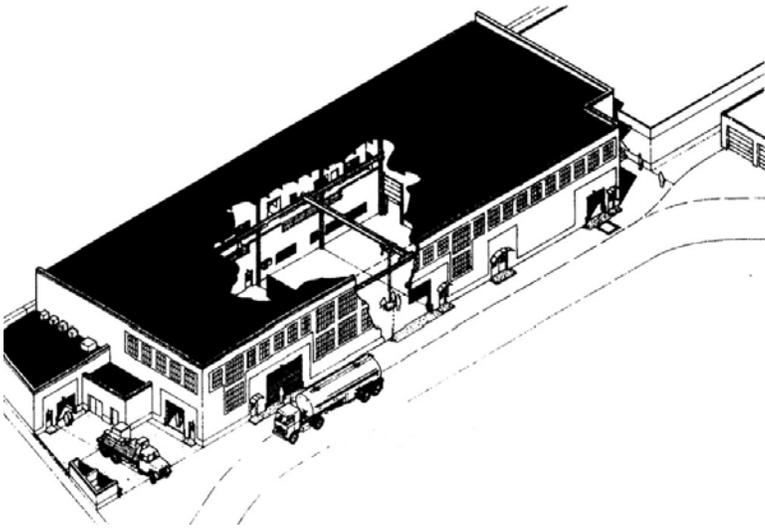
SERVICES

- Pre-engineered, slab-on-grade metal building interconnecting with Harrison-Marion Regional Airport's taxiways.
- 28,000 SF hangar area
- 12,000 SF maintenance and office area
- Completed May, 2014

CLIENT

Pratt & Whitney Engine Services
(304) 842-5422





FMC CORPORATION
South Charleston, WV

MSES was commissioned by FMC Corporation to develop a multi-faceted maintenance complex which would allow for the total maintenance, repair and modification of any motorized vehicle in use at the FMC Corporation's many locations within the Kanawha Valley. This modern facility features a tire maintenance area; routine maintenance (oil changes, tire changes, etc.) area; body and specialty equipment fabrication area; secure storage area; and complete body shop operations, consisting of auto body repair shop, spray booth, and heat treatment stalls. In addition, offices, employee break / lunchroom, locker, and shower facilities are part of this complex. The complex also provides spacious exterior parking, external materials storage areas, and a fueling center for all the company's motorized vehicles. Environmental compliance is also a chief focus, with no discharges released from the facility (with the exception of restroom and shower areas). Where possible, wastes are captured for recycling; other wastes are contained for proper disposal off-site.

The Maintenance Facility is a pre-engineered metal building, slab on grade, two story (offices, locker rooms, showers, training rooms, lunch room) with specialty activity areas on the first floor. The total building is 28,000 square feet.

SERVICES

- 28,000 SF pre-engineered, slab-on-grade metal building, two-story maintenance complex.
- Tire and routine maintenance area.
- Body & specialty equipment fabrication area, secure storage area, and complete body shop.
- Offices, employee break/lunchroom, locker and shower facilities.
- Parking and external materials storage areas.
- Fueling center.

CLIENT

FMC Corporation
(304) 744-512



KINGSFORD MANUFACTURING COMPANY
Parsons, WV

Since 1987, MSES has enjoyed an ongoing relationship with Kingsford, in which we have provided our engineering, environmental, mechanical, electrical, civil, and safety services for numerous projects at the Parsons, WV plant. MSES designed a 27,400 SF pre-engineered, slab on grade metal building, to serve as the production, storage, shipment, and auxiliary services facility for the Match Light product line. A 10,000 sq. ft. portion of the facility is used for the entire production process. MSES designed a specialty ventilation system for this portion of the Match Light plant, as well as a water and foam fire suppression system and outside raw materials / naphtha storage tanks. The remaining 17,400 sq. ft. portion serves as the storage warehouse and shipping terminal for the finished / palletized products, as well as housing offices, restrooms and a breakroom for the employees.

MSES provided all of the engineering, environmental, mechanical, electrical, civil, and safety services for the entirety of the project.

SERVICES

- 27,400 SF pre-engineered metal buildings, slab-on-grade, metal building
- Specialty ventilation system
- Fire suppression system
- Outside storage tanks
- Storage warehouse and shipping terminal
- Offices, restrooms and breakroom

CLIENT

Kingsford Manufacturing Company
(304) 478-2911

MSES AND MAINTENANCE / STORAGE FACILITIES

Since 1993 MSES has been active in the development and design of production, maintenance and storage facilities for numerous clients. Professional services provided for these projects have included siting, subsurface investigations, site development, utilities and drainage, building foundation and structural designs, mechanical/electrical/plumbing, and necessary permitting, for such organizations as:

- *West Virginia Air National Guard - Benedum Air Training Center*
- *Central West Virginia Transport Authority - Centra Bus Garage*
- *FMC Corporation - Nitro Maintenance Facility*
- *Ohio County Board of Education - Ohio County Maintenance Garage*
- *Harrison County Commission - Harrison County Public Safety Complex*
- *G. E. Specialty Chemicals - Morgantown Industrial Park, North Plant Maintenance, Training, and Shower/Locker Facility*
- *Amtower Auto Parts, Inc. - NAPA Automotive Establishments*
- *Cytec Industries - Willow Island, WV Vehicle Maintenance Station*
- *City of Huntington – Bus Maintenance Facilities*

Our team of architects and engineers have also completed a variety of work in the vocational and maintenance facilities for the local school boards listed below. Work includes dust collection systems, electrical upgrades, HVAC upgrades, welding shop and fire training tower.

- *Harrison County Schools*
- *Jackson County Schools*
- *Marion County Schools*
- *Randolph County Schools*
- *Pleasants County Schools*



TURNING POINTE AT JACKIE WITHROW HOSPITAL
Beckley, WV

Turning Pointe is an 8,300 SF treatment facility for mothers who are battling substance-abuse issues, and their children. This wood-framed brick structure contains classrooms, group therapy rooms, offices, kitchen, dining and bedrooms for up to 16 residents. The wooded site on the campus of Jackie Withrow Hospital provides a grassy fenced-in recreational area, and parking with porous pavement to allow for proper site drainage.

PROJECT HIGHLIGHTS

- Design of New Residential and Treatment Facility for 16 Residents
- Porous paving for stormwater drainage.
- 8,300 SF
- Completed: 2012

CLIENT

Jackie Withrow Hospital
WV Department of Health & Human Resources
Ms. Angela Booker, Administrator/CEO
105 S. Eisenhower Drive
Beckley, WV 25801-4999
304/256-6600

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning, Funding, Budgeting and Management
- Pam Wean, Senior Project Architect
- Dave Skeen, Mechanical Engineer
- Jeff Pauley, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist



NORTH MARION HIGH SCHOOL & MARION COUNTY TECHNICAL CENTER
Farmington, WV

HVAC UPGRADES:

Our mechanical engineers evaluated deficiencies in the HVAC system at North Marion High School at the request of the Owner. Following this evaluation, we designed modifications to provide zone dampers in existing ductwork with central control systems to improve the comfort levels for the occupants.

DRAINAGE REPAIR AND PYRITIC SOIL MITIGATION:

At the Marion County Vo-Tech Center, sources of water infiltration were identified, such as rainwater conductors and underslab drains, and were repaired and redirected to the exterior drainage system to reduce further interior damage. The next phase of remediation of the pyrites will begin in Summer, 2015.

PROJECT HIGHLIGHTS

- HVAC Upgrades
- Drainage Repair & Pyritic Soil Mitigation
- \$150,000.00
- Completed: 2004

CLIENT CONTACT

Marion County Schools
Gary Price, Superintendent
(304) 367-2100

MSES professionals provided planning, design and construction period services for this project in the following roles:

- Jeff Wise, Planning Funding Budgeting and Management
- Pam Wean, Senior Project Architect
- Casey Smith, Intern Architect
- Dave Skeen, Mechanical Engineer
- Dave Kirby, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- Ron Cutlip, Environmental Specialist





THE HISTORIC WALDOMORE
Clarksburg, WV

Located in the City of Clarksburg, the Waldomore is listed on the National Register of Historic Places. Extensive exterior restoration and renovations were carefully planned and coordinated with the State Historic Preservation Office to comply with the Secretary of Interior's Standards for Rehabilitation.

MSES is currently working with WV SHPO in planning future upgrades for the interior of the building. The building's interior has undergone several renovations over the course of its history as a private residence, public library and museum. One of the goals for Waldomore is to enhance the building for use as a public performance space and to hold public events. Upgrades are necessary to meet current electrical, fire safety, and accessibility codes. MSES Architects and consultants are working together with the client to create a master plan for the renovations and a budget for use in establishing funding sources.

The interior renovations and upgrades will be designed to minimize impact on the historic details and character defining elements of the building. Renovations and upgrades are planned to occur in phases, and include:

- Lighting & Electrical Upgrades
- Plaster Repair and Painting
- Stair Renovation & Elevator Upgrades
- Toilet Room Renovations & Upgrades

PROJECT HIGHLIGHTS

Master Planning

Exterior Restoration & Upgrades

- *Brick Cleaning, Pointing & Repair*
- *Chimney Repairs*
- *Exterior Painting*
- *Roof Replacement*
- *Security Cameras*
- *Stone Foundation Repair & Sealing*
- *Storm Drain Upgrades*
- *Window & Shutter Restoration*
- *\$75,000.00*
- *2,500 SF*
- *Completed: On-going*

CLIENT

Clarksburg-Harrison Public Library

Jill Rafter, Librarian

404 West Pike St.

Clarksburg, WV 26301

304.627.2236

director.chpl@clark.lib.wv.us

MSES professionals provided planning, design and construction period services for this project in the following roles:

- *Larry Rine, Planning Funding Budgeting and Management*
- *Stacey Bowers, Project Architect*
- *Jeremy Hobson, Architectural/CAD Technician*
- *Dave Skeen, Mechanical Engineer*
- *Dave Kirby, Electrical Engineer*
- *Rod Kidd, Civil Engineer*





PROJECT HIGHLIGHTS

- Design of New 120 Bed State Veterans Nursing Facility
- 98,000 SF
- \$22,600,000.00
- Completed: 2007
- Funding administered by WV State
- Purchasing Department

CLIENT

WV Veterans Nursing Facility
 Kevin Crickard, Administrator
 (304) 626-1600

MSES professionals provided design and construction period services for this project in the following roles:

- Jeff Wise, Planning, Funding, Budgeting and Management
- Pam Wean, Project Architect
- Dave Skeen, Mechanical Engineer
- Dave Kirby, Electrical Engineer
- Jeff Pauley, Electrical Engineer
- Rod Kidd, Civil Engineer
- John Keeling, Environmental Specialist
- MSES Survey Team

WV VETERANS NURSING FACILITY
 Clarksburg, WV

MSES Architects and Engineers are proud to be the designers of the very first West Virginia State Veterans Nursing Facility located in Clarksburg, WV. This State-of-the-Art facility houses 120 veterans, including beds for 20 Alzheimer's patients.

Special features include a grand three-story atrium at the main entrance, large common dining rooms overlooking the West Fork River, and spacious screened-in porches on each end of the patient wings complete with comfortable furnishings and porch swings.

Each patient room entry door is equipped with glass display cases which are filled with photos and personal keepsakes of the patient for ease of identifying their room. Hallways and rooms are tastefully decorated with photos of local landmarks, military uniforms, and medals and other reminders of their service.

Exterior spaces are available for residents to enjoy the view and fresh air in a safe and comfortable environment. A multi-tiered plaza behind the building offers various seating areas under the shade of gazebos and trellises.



REFERENCES

Randolph County Board of Education

Mr. Terry George, Superintendent
40 11th Street
Elkins, WV 26241
304/636-9150 x 152 or tgeorge@k12.wv.us

Pendleton County Board of Education

Mr. Douglas S. Lambert, Superintendent
108 Walnut Street / P.O. Box 888
Franklin, WV 26807
304/358-2207 or dslamber@k12.wv.us

Stockmeier Urethanes USA, Inc.

Christian Martinkat, President
20 Columbia Boulevard
Clarksburg, WV 26301

MVB Bank, Inc.

John Schirripa, President & CEO
1000 Johnson Avenue
Bridgeport, WV 26330
304.842.6700

Ritchie County Commission

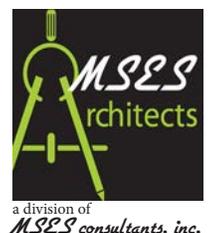
Mr. Samuel Rogers, President
115 East Main Street, Room 201
Harrisville, WV 26326
304/266-1935 or samueltrogers459@gmail.com

Marion County Board of Education

Mr. Gary Price, Superintendent
200 Gaston Avenue
Fairmont, WV 26554
304/367-2107 or gprice@k12.wv.us

WV Department of Education

Dr. James B. Phares, Former State Superintendent
304/614-7657 or jbphares@yahoo.com



CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

MSES ARCHITECTS

(Company)

Samela Jean

(Authorized Signature) (Representative Name, Title)

304-366-9700 / 304-366-2788 / 5-11-15

(Phone Number) (Fax Number) (Date)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

Authorized Signature: *Pamela Jean* Date: May 11, 2015

State of WV

County of Marion, to-wit:

Taken, subscribed, and sworn to before me this 11 day of May, 2015.

My Commission expires February 22, 2023.

AFFIX SEAL HERE

NOTARY PUBLIC *Joy L. Boyer*

Purchasing Affidavit (Revised 07/01/2012)

