



ARCHITECTS & ENGINEERS

October 12, 2009

Mr. John Abbott, Buyer
Purchasing Division
P.O. Box 50130
Charleston, WV 25305-0130

**Subject: Expression of Interest – Regional Jail Repair, Replacement, and Renovations
RJCMNT012**

Dear Mr. Abbott:

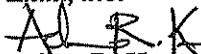
ZMM is pleased to submit the attached information to demonstrate both our experience and our capability to provide professional architectural, engineering, and construction administrative services to the State of West Virginia for roof and HVAC replacement, installation of resinous flooring in kitchens, and shower rehabilitations at various Regional Jails. We are confident that our experience designing the State of West Virginia Regional Jails, as well as our recent experience providing design and construction administrative services in operational correctional facilities (Central, South Central, and Southern Regional Jails) will make ZMM the ideal partner for the West Virginia Regional Jail and Correctional Facility Authority. The depth of our experience with the Regional Jails will ensure the quality of the design, and also allow ZMM to expedite the design phase of the project.

Since 1959, ZMM has been consistently recognized as one of the largest, fully integrated architecture and engineering firms in the State of West Virginia. ZMM has an extensive portfolio of correctional facility design, and has provided design services for more than twenty (20) facilities throughout the State, with a total construction cost exceeding \$200M.

Thank you for taking the time to review the attached brochure. The first section includes a detailed response to Part 3 of the Request for Qualifications, while the remainder of the expression of interest outlines detailed information regarding the history, services, personnel, experience, and qualifications of ZMM. We look forward to meeting with you in the near future to review our qualifications, and to discuss the various projects in more detail.

Respectfully submitted,

ZMM, Inc.


Adam R. Krason, AIA, NCARB, LEED-AP
Vice President

cc: File

ZMM, Inc.
222 Lee Street West • Charleston, West Virginia 25302
304.342.0159 voice • 304.345.8144 fax
zmm.com

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WV PURCHASING
DIVISION

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Expression of Interest: General Requirements Responses

Please note our response to the Part 3, Article 3.1 of the Expression of Interest below. Additional qualifications information is contained within this submittal that supports the responses.

- A. A statement of the firm's experience in any and all aspects of the projects referenced in the EOI. Include all in-house capabilities; consultants to be utilized; etc.

ZMM is a full service architecture and engineering firm that possesses all of the professional expertise to complete the roof and HVAC replacement, resinous flooring, and shower rehabilitation projects. Our staff, which includes seven (7) registered architects and seven (7) professional engineers, has significant experience providing design and construction administrative services on operational correctional facilities. **ZMM** designed the State of West Virginia Regional Jails, and has recently completed similar renovation/improvement projects to the Central, South Central, and Southern Regional Jails.



- B. A statement of the firms understanding of all federal and state regulations regarding institutional construction projects;

Through our experience designing correctional facilities throughout the State of West Virginia, **ZMM** has demonstrated an understanding of federal and state regulations regarding institutional construction projects. Correctional facilities designed by **ZMM** incorporate American Correctional Association (ACA) standards, and also meet the requirements of the State of West Virginia building and fire codes (IBC 2006, NFPA 101, Title 87). When providing design and construction phase services on operational correctional facilities, **ZMM** coordinates closely with the State of West Virginia Fire Marshal to ensure the health and safety of all building occupants.

- C. A brief narrative which indicates the level of understanding of general mechanical (including heating, ventilation and air conditioning), plumbing, electrical, technological, fire safety, and minimum security systems construction;

ZMM has designed HVAC systems for Regional Jails and Correctional Facilities. The Life Safety Code mandates Smoke Management Systems in cell blocks. Secure construction for grilles, registers and diffusers is also required.

Secure plumbing requires stainless steel penal fixtures with recessed pneumatic controls for maximum security areas. Redundant water heaters are necessary to insure service during emergency or planned maintenance. Grinder pumps and augers are required to remove objectionable items from sewage systems.

Electrical systems require diesel emergency generator back-up if commercial power is interrupted. Life safety systems, HVAC heating and circulating fans, kitchen equipment, and selected lights and receptacles throughout the facility will be on the generator to insure basic building security and operation.

Fire safety includes a fully sprinkled building with security style heads in inmate areas as well as an addressable fire alarm system.

All mechanical and electrical systems will be designed to meet security level required in each section of the facility.

- D. A brief narrative which indicates the firm's level of understanding of the operational, security, and functional requirements of institutional facilities;

ZMM has experience designing both hardware and staff secured facilities, as well as facilities that serve a variety of inmate classifications. **ZMM** understands the importance of direct visual control within a correctional institution, which led to the design of the prototype jail facility where the staff can fully monitor all inmate movement in the corridor system of the building from a single central control location.

Additionally, **ZMM** understands the importance of secure intake areas, functional and reliable kitchen and laundry areas, as well as secure educational, vocational, and prison industries facilities. **ZMM** has recently worked on correctional renovation projects that required the existing facility to remain secure and operational throughout the construction phase, an important requirement of the current projects.

- E. A statement of the firm's plan of approach and a timeline for this project;

Plan of Approach

ZMM will utilize professional staff for this project with previous experience working on the West Virginia Regional Jails. The design team will meet with the West Virginia Regional Jail Authority to verify the scope of the design effort, and to discuss proposed solutions. Once the final scope of the design services has been determined, the **ZMM** team will visit each of the Regional Jails to investigate and analyze the unique requirements of each project.



Once the on-site investigation is complete, **ZMM** will prepare complete bidding documents for the various projects. Budgets and construction schedules will be developed for each project. Materials will be selected based upon their durability, reliability, and compatibility with other products utilized in the jail. The bidding documents will be coordinated with the Regional Jail Authority to ensure the security and safety of inmates and staff during construction. Items impacting the life safety of any building occupants will be coordinated with the State Fire Marshal prior to bidding.

Mr. David Unrue will lead **ZMM's** effort during the construction phase. Safety and security requirements will be coordinated with the contractor during the pre-construction meeting, and verified through periodic observations.

Timeline

ZMM will complete bidding documents for the project within sixty (60) days of the issuance of a notice to proceed. The duration of the construction phase will vary for each project.

- F. A statement of the proposer's experience in construction project management for jails, and/or correctional facilities or similar institutions;

ZMM has participated in the design of more than twenty (20) correctional facilities throughout West Virginia with a total construction cost of facilities designed exceeding \$200M. Please see the attached list for a breakdown of the projects.

- G. A statement of the size, nature, and status of other major construction projects the firm is currently involved in;

Below, please find a list of major projects that **ZMM** is participating in listed by the phase of the work that is currently being undertaken:

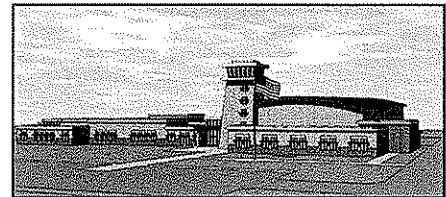
Preliminary Design

Wood County Justice Center and 12 Hour Holding Facility
West Virginia Housing Development Fund
Cabell County Middle School
State Office Building 5, 6, & 7 Window Replacement
Kanawha County Public Library
Highland Hospital



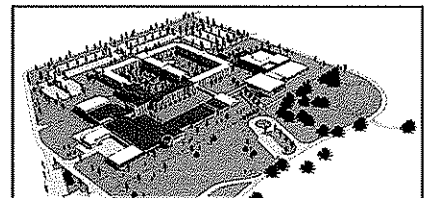
Final Design

Ripley Armed Forces Reserve Center
Morgantown Readiness Center
Harts (K-8) School – Lincoln County



Under Construction

Central, South Central, Southern Regional Jail Renovation
Cabell County Middle Schools
Joint Interagency Training and Education Center
McDowell County Schools
State Office Building #5, 10th Floor



- H. The name, address, and telephone number of at least (3) references which may be contacted by the Authority concerning the firms work;

Please find a list of references and reference letters attached.

- I. A statement of the firms background and experience in the area of construction in operational correctional institutions;

ZMM has provided design and construction phase services on multiple projects in operational correctional facilities. This work has included new construction (dormitories at the Lakin Correctional Center for Women and Alderson Federal prison Camp), as well as renovation projects (Denmar Correctional Facility and the Lakin Correctional Center for Women). Current experience in providing construction phase services at an operational correctional facility includes the renovation work at Central, South Central, and Southern Regional Jails.

- J. A statement that explains any litigation or arbitration proceedings related to the firms performance of a contract;

There are currently no litigation or arbitration proceedings related to **ZMM's** performance of a contract.

- K. A statement of whether the firm has ever been debarred from bidding or proposing governmental contracts for the federal government or any state;

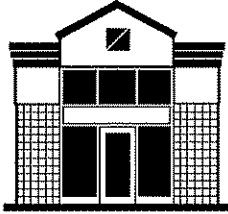
ZMM has never been debarred from bidding or proposing contracts for the federal government or any state.

- L. A statement as to whether any procurement laws in the State of West Virginia would affect the potential award of a contract to the firm for this project;

No procurement laws in the State of West Virginia would affect the award of a contract for this project to **ZMM**.

- M. A certificate of insurance which identifies the terms and amounts of the firm's professional liability insurance coverage;

A copy of **ZMM's** professional liability insurance coverage is attached.



Client References

Mr. Chilton Lilly, Construction Manager

WV Regional Jail & Correctional Facility Authority
1325 Virginia Street, East
Charleston, WV 25301
(304) 558-2110

Brigadier General Melvin L. Burch

West Virginia Army National Guard
1703 Coonskin Drive
Charleston, WV 25311
(304) 561-6450

Mr. Rick Modesitt, Commissioner

Wood County Commission
No. 1 Court Square, Suite 201
Parkersburg, WV 26101
(304) 424-1984

Mr. David Roach, Superintendent

Cabell County Schools
P. O. Box 446
Huntington, West Virginia 25709
(304) 528-5069

The County Commission of Wood County

No.1 Court Square, Suite 203
Parkersburg, West Virginia 26101
(304) 424-1984



ROBERT K. TEBAY

RICK MODESITT

DAVID BLAIR COUCH

COUNTY ADMINISTRATOR

Marty Seufer
424-1976

COUNTY CLERK

Jamie Six
424-1850

March 3, 2008

Dear Sir/Madam:

This is a letter of reference for Adam R. Krason, ZMM, Inc. The County Commission of Wood County has employed ZMM, Inc. on several projects, most notably the renovation of the Judge Black Annex.

Mr. Krason has always been extremely professional and has proven himself to be very flexible in meeting our needs. He is friendly and easy to work with. He has proven to be an asset to the County and we anticipate a long-term relationship with ZMM, Inc. in the coming years.

Sincerely,

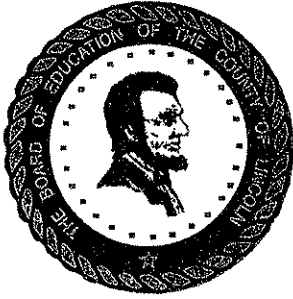
THE COUNTY COMMISSION OF WOOD COUNTY

Robert K. Tebay, President

Rick Modesitt, Commissioner

David Blair Couch, Commissioner

WCC:ah



Lincoln County Schools

David L. Roach
SUPERINTENDENT

Jeff Huffman
ASSISTANT SUPERINTENDENT

January 22, 2008

To Whom It May Concern:

As the previous superintendent of Cabell County Schools and present superintendent of Lincoln County Schools, I am in the unique position to comment on the services of ZMM, Inc., Architects and Engineers. They provided professional services in both of these counties and I found their services in both counties to be of the highest quality.

I have found, through my experiences with ZMM, that their services are equivalent to having additional employees of the school system. I base this statement on the fact that their representatives consistently monitor budget expenditures in order to stay within the project budget. Change orders are minimal and always justified. ZMM is present and accessible before, during and after project completion to assure the interests of the school system are being met. I particularly appreciate their support in dealing with contractors who may have remaining obligations or product deficiencies that need to be resolved following project completion.

Simply stated, ZMM works to assure that the interests of the client are met and refuses to bow to contractors by accepting less than quality work. I believe this is a rare quality and makes ZMM an elite company.

Sincerely,

A handwritten signature in cursive script that reads "David L. Roach".

David L. Roach
Superintendent of Schools

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: ZMM, INC.

Authorized Signature: Ad R R, AIA Date: 12 - OCT - 09

Purchasing Affidavit (Revised 01/01/09)

ADAM R. KRASON, AIA
VICE PRESIDENT

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
10/12/09

PRODUCER
Wells Fargo Ins. Services
of West Virginia, Inc.
P.O. Box 430
Wheeling WV 26003-0009
(304) 232-0600

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY A Zurich American Insurance Company
COMPANY B
COMPANY C
COMPANY D

INSURED
ZMM, Inc.
222 Lee Street
Charleston, WV 25302

COVERAGES

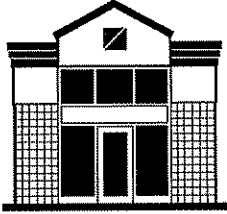
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				GENERAL AGGREGATE \$ PRODUCTS-COMP/OP AGG \$ PERSONAL & ADY INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: \$ EACH ACCIDENT \$ AGGREGATE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL				WC STATUTORY LIMITS OTHER EL EACH ACCIDENT \$ EL DISEASE-POLICY LIMIT \$ EL DISEASE-EA EMPLOYEE \$
	OTHER Architects & Engineers Professional Liability	EOC522265807	11/18/08	11/18/09	\$2,000,000 Each Claim \$2,000,000 Aggregate \$25,000 Retention Retro Date: 11/18/1988

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
Evidence of Insurance.

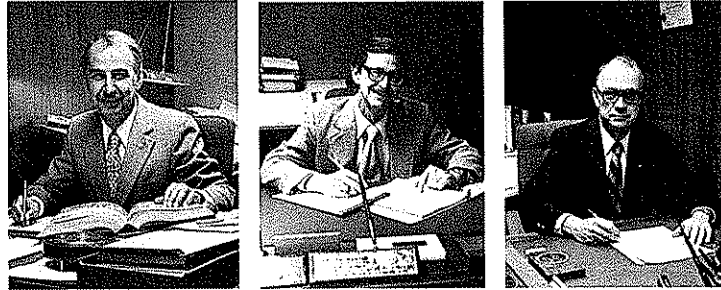
CERTIFICATE HOLDER
ZMM, Inc.
222 Lee Street
Charleston, WV 25302

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 15 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.
AUTHORIZED REPRESENTATIVE
Thomas A. Sparachane
Thomas A. Sparachane



History & Philosophy of ZMM

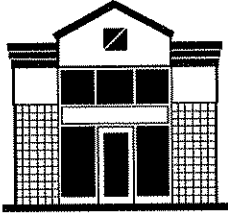
Ray Zando, Ken Martin and Monty Milstead established the **Charleston, West Virginia** based Architectural and Engineering firm of Zando, Martin and Milstead in 1959 with a staff of five people. The firm obtained an early foothold in the professional services sector in the state and grew in both size and stature. Mr. Steven Branner, a recent graduate of the University of Cincinnati, joined the firm in 1967 as a project architect. Mr. Robert Doeffinger obtained a B. S. degree in Mechanical Engineering from West Virginia University and an M. S. degree in Architectural Engineering from The Pennsylvania State University before joining the firm in 1976.



Mr. Zando, Mr. Martin and Mr. Milstead, reaching retirement age, transferred the ownership of the firm to Mr. Branner and Mr. Doeffinger in 1986 and they guided and expanded the firm to its present size of approximately 35 people. Since then, Dave Ferguson, Rod Watkins, and Adam Krason have joined in ownership of the firm.



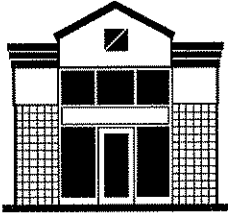
The philosophy of ZMM was established early on by the original partners and continues today due to careful selection of contemporaries. At ZMM we are proud of our heritage of fine architecture, engineering and client service. This pride shows in everything we do, from the way we interface with clients to the way we deliver our designs.



History & Philosophy of ZMM

Since the beginning, ZMM has been dedicated to the integrated approach to building design. The inclusion of engineering services (civil, mechanical, electrical and structural), as well as interior design, makes ZMM unique among architectural firms and fulfills the needs of clients for single point responsibility. More importantly, an integrated approach provides better coordinated, accurate, and concise documents. ZMM's commitment to clients is to provide the highest quality professional services available. In order to maintain this high level of quality, we strictly conform to a Quality Assurance Program, a unique feature of ZMM.

We work hard at staying generalists, while, by virtue of maintaining a practice for over forty years, having extensive experience in different building types. We approach each project as a unique opportunity and execute each design accordingly. Nothing is done without our full, professional attention. ZMM has a demonstrated record of success in the specialization of architecture and engineering.



History & Philosophy of ZMM

COMMUNITY SUPPORT

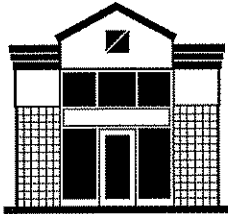
In addition to our design efforts, **ZMM** is supportive of institutions and organizations that contribute to the cultural and educational landscape in West Virginia.

ZMM offers financial support to several community and state-wide institutions which reflect the superior quality that we strive to achieve on each of our projects. The following organizations also impact the educational environment through their support of local artisans, performances, broadcasts, and community service:



West Virginia Symphony Orchestra





Professional Services

Since its inception, ZMM has been dedicated to the integrated approach to building design (providing full architectural and engineering services in-house) which is unique to architectural firms of our size. Our past successful experience demonstrates that providing multi-disciplined services within one organization results in a fully coordinated project. ZMM has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through post-occupancy evaluations and beyond.

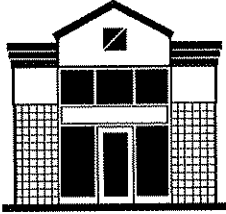
Additionally, ZMM is constantly working to improve the services we offer by addressing emerging and evolving trends that impact the design and construction market. ZMM has five LEED accredited Professionals on staff to address the needs of our clients who are interested in designing buildings that meet the US Green Building Council's standards. This continues ZMM's active implementation of sustainable design principles on our projects.

ZMM offers all of the following professional services within our organization:

PRE-DESIGN

- Educational Facility Planning
- Programming
- Space Planning
- Feasibility Studies
- Existing Building Evaluation
- Site Evaluation and Analysis
- Master Planning
- Construction Cost Estimating

Executive Summary		Index (Page)
National Guard Bureau Area (HSF)		
Operations	30,513	
Sub-Total (HSF)	30,513	
Total (GSF)	62,414	
Department of Energy Area (HSF)		3-4
Training	4,100	
Operations	10,100	
Information Technology	10,110	
Construction	3,200	
General Support	3,200	
Sub-Total (HSF)	47,310	
Total (GSF)	65,283	
AIFRC Area (HSF)		4
Operations	0	
Administration	12,100	
IT/Security	0	
Construction	0	
General Functions	0	
Sub-Total (HSF)	12,100	
Total (GSF)	18,803	
Joint Interagency Training Center - East Area (HSF)		4
Administration	11,210	
Operations	21,200	
Security	3,200	
Sub-Total (HSF)	35,610	
Total (GSF)	48,810	
Briefing Area (HSF)		7
Building	28,200	
Sub-Total (HSF)	28,200	
Total (GSF)	73,610	
Total Building Area Area (GSF)		
National Guard Bureau	62,414	
Department of Energy	65,283	
Armed Forces Research Center	18,803	
Joint Interagency Training Center	48,810	
Briefing	73,610	
Total (GSF)	254,010	

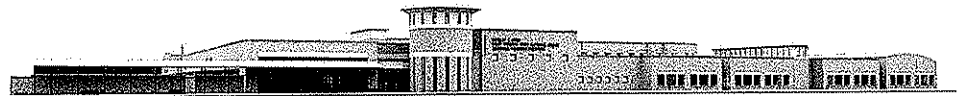


Professional Services

DESIGN

Architectural Design
Sustainable Design
Interior Design
Landscape Architecture
Structural Engineering
Mechanical Engineering

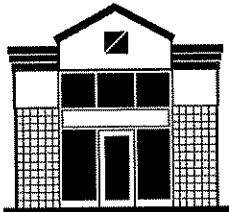
Electrical Engineering
Civil Engineering
Data System Design
Lighting Design
Energy Consumption Analysis



POST DESIGN

Construction Administration
Value Engineering
Life Cycle Cost Analysis
Post-Occupancy Evaluation





Professional Services

CONSTRUCTION ADMINISTRATION

ZMM has a dedicated, in-house, construction administrative staff that will work with the design team and the owner to help ensure a seamless construction process, and a completed project that meets the quality standards identified in the construction documents.

The CA staff is led by Mr. Rodney Watkins, AIA, one of **ZMM's** Principals. Mr. Watkins brings more than thirty years of planning and construction experience on a wide range of Governmental, Education, and Commercial/Office Space projects. Mr. Watkins is assisted by Mr. Glenn Savage and Mr. David Unrue, both Construction Specification Institute Certified Construction Document Technicians (CSI-CDT). Mr. Savage and Mr. Unrue are responsible for coordinating the construction phase services of the design team, and conduct regular observations of the project process. **ZMM's** construction administration staff is supported by Ms. Theresa Dorsey.



R. Watkins



T. Dorsey



David Unrue



Glenn Savage

Construction Administration is also responsible for timely reviews of contractor submittals, attend all construction progress meetings, verify that all construction complies with the plans and specifications, monitor and update the owner regarding construction progress relative to the approved schedule, and process applications for payment.

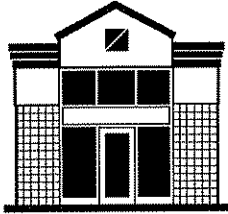
As construction nears completions, the **ZMM** team will conduct an inspection and prepare a "punch-list" that will advise the contractor of all outstanding work that remains to be completed, or requires repair. The team will also coordinate the furniture installation, including coordination with the vendor.



Quality Assurance

At ZMM, we strive to be the best. Our Quality Assurance Program is one step in the process of exceeding our clients' expectations. This program includes the following six components:

1. **Selecting the Project Team**
ZMM's diverse staff ensures that each project team is made up of highly qualified members, each dedicated to the project's success.
2. **Identifying Project Requirements**
Project team members are fully integrated in each phase of the design process, ensuring a quality project from the beginning, and so are better able to take advantage of early sustainable design decision-making.
3. **Identifying Client Expectations**
Knowing and understanding our clients' expectations is our goal. This knowledge gives ZMM a baseline for exceeding expectations.
4. **Ongoing Project Reviews**
As part of the ongoing project reviews, we conduct quality assurance evaluations during each stage of the project:
 - Schematic Design Phase
 - Design Development Phase
 - Construction Documents Phase
 - Construction Administration Phase
5. **Post Project Review**
At the completion of every project, ZMM staff members participate in a learning session to gain insight useful for future projects.
6. **Staff Training, Assessment and Enhancement**
Ongoing staff development and training is very important to ZMM. Providing increased opportunities for learning and advancement leads to happier employees and even more successful projects.

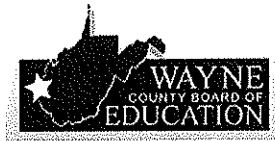


Ongoing Clients

The quality of our work is key to our continued success and repeat client base.



Lincoln County Schools





Steven Branner, AIA, NCARB

Position

Principal, ZMM, Inc.
Corporate Management
Architectural Programming
Architectural Design and Production

Education

B.S., Architecture; University of Cincinnati, Cincinnati, Ohio; 1967

Employment History

1967-1973, Project Architect; ZMM Inc.
1973-1982, Director of Architecture; ZMM, Inc.
1982-present, President; ZMM, Inc.

Professional Credentials

Registered Architect (WV, VA, OH, KY, FL, NY, CA)
NCARB Certification
Professional Member; American Institute of Architects (WV)
President, 1977 & 1978

Civic Affiliations

Member; South Charleston Rotary Club
Past member and Chairman, WV Archives & History Commission

Professional Experience

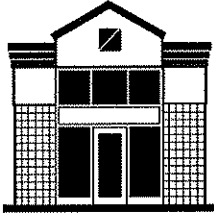
Mr. Branner has been employed with ZMM since 1967. His experience includes all aspects of the management, design, and production of small projects to those exceeding \$100M with an emphasis on Military / Public / Governmental Facilities, Correctional Facilities, and Industrial Facilities.

Mr. Branner also maintains an active role in each project in which he is the principal-in-Charge from its inception through construction completion. Specific project responsibilities include contract negotiation, building programming, project budgeting, and scheduling, schematic design compliance with project requirements, cost estimating, quality control, and the general overview of each project to insure that client expectations are met.

Major clients overseen by Steve include:

West Virginia Regional Jail & Correctional Facility Authority
West Virginia Army National Guard
Dow Chemical Company
NGK Spark Plug Company
Cecil I. Walker Machinery Company
West Virginia General Services Division
Kanawha County Public Library
Charleston Area Medical Center (CAMC)
Highland Hospital





Robert C. Doeffinger, P.E.

Position

Principal, Engineering Project Manager
Corporate Management, Project Management and Coordination,
Engineering Programming and Design

Education

B.S., Mechanical Engineering; *West Virginia University,
Morgantown, West Virginia; 1973*
M.S., Architectural Engineering; *Pennsylvania State University,
University Park, Pennsylvania; 1976*

Employment History

1982-present, Vice-President, Secretary and Treasurer; ZMM, Inc.
1977-1982, Director of Engineering; ZMM, Inc.
1976-1977, Mechanical and Architectural Engineer; ZMM, Inc.

Professional Credentials

National Council of Examiners for Engineering and Surveying
(NCEES)
Registered Engineer (WV, TN, FL, PA, VA, NC, SC, ME, OH, NH,
NY, KY)
Member; ASHRAE - Chairman, Technical Committee 4.1 - HVAC
Load Calculations

Civic Affiliations

Councilman; City of Point Pleasant, WV
Director; Mason County Development Authority
Director; Point Pleasant River Museum
Member; West Virginia Institute of Technology Electrical Engineers
Technical Advisory Committee

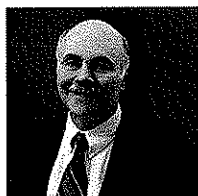
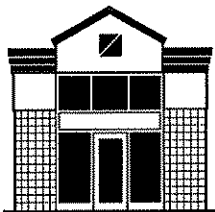
Professional Experience

Mr. Doeffinger is Principal-in-Charge of Engineering. It is his responsibility to ensure that the mechanical and electrical engineering components of ZMM's design are coordinated and integrated into the final product.

Mr. Doeffinger is responsible for new design and retrofit of chilled water systems for all building types including large regional shopping malls. He is involved daily with the firm's selection of appropriate systems for all building types and performs life cycle cost and energy studies.

Mr. Doeffinger is a member of the American Society of Heating, Ventilation and Air-Conditioning Engineers. He is the current national Chairman of the Technical Committee on Heating and Air-Conditioning Load Calculation. He is involved in writing the National Standard on the Method of Calculation, which will shape the nature of the future building energy use for the nation.





Steven L. Cook, P.E.

Position

Senior Mechanical and Electrical Engineer

Education

B.A., English, West Virginia University, 1972

2 Years toward B. S., Mechanical Engineering, WVIT, 1974-1975

M.A., Humanities, Marshall University Graduate College, 2004

Employment History

1989-Present, ZMM, Inc., Senior Mechanical Engineer

1976-1989, Charleston Area Engineering Firm, Project Manager

1972-1976, Charleston Area Engineering Firm, Designer

Professional Credentials

Registered Engineer (WV)

Member of ZMM's Board of Directors

Member of ASHRE

Professional Experience

Mr. Cook started his career in 1972 as a designer for an engineering firm in Charleston, WV. He is a Professional Engineer registered in West Virginia. He has designed and engineered many projects throughout the state of West Virginia.

Responsibilities Include:

Mechanical Design and Engineering.

Serves as liaison between clients and utility companies.

Design of sanitary and gas site utilities, site utility specifications.

In-house review of plumbing, sprinkler system, fire pump, and domestic water booster pump designs.

Review of plumbing, fire protection specifications, and temperature control design.

Equipment selection - air handling units, pumps, and boilers, site visits, observation reports and punch lists.

Project Experience

Highland Hospital

Saint Albans High School

Lincoln County High school

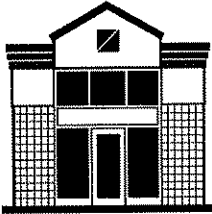
State of West Virginia Regional Jails

State of West Virginia Juvenile Detention Centers

WV Army National Guard - Glen Jean Armed Forces Center

WV Army National Guard - Logan Readiness Center

WV Army National Guard - CFMO Expansion Project



C. Henry Walker, AIA, LEED AP

Position

Project Architect, ZMM, Inc.

Education

B.S., Architecture; *University of Cincinnati, Cincinnati, Ohio; 1973*

Employment History

1973-1976, Designer/Community Planner; Peace Corps, Iran
1977-1980, Architectural Draftsman and Designer; ZMM Inc.
1980-Present, Project Architect; ZMM, Inc.

Professional Credentials

Registered Architect (WV)

Civic and Professional Affiliations

Professional Member; American Institute of Architects
Professional Member; West Virginia Society of Architects
Executive Board Member; Salvation Army Advisory Board

Professional Experience

Mr. Walker began his career in Architecture with ZMM, Inc. in 1977. He is responsible for the overall work process relating to design, documentation and bidding. In addition to his project management responsibilities.

He is also responsible for generating construction details as necessary to ensure compliance with design intent, performing building code/ordinance analysis, coordinating structural,

Project Experience

Alderson Federal Prison Camp
Hazelton Federal Prison Camp
WV Army National Guard Family Readiness Center
WV State Office Buildings 5, 6 & 7
Stonewall Jackson Lake State Park
Resort at Glade Springs
Braxton County Memorial Hospital
Greystone on The Cheat
Beverly Hills Middle School
Barboursville Middle School
Brookview Elementary School
Sissonville Library



Adam R. Krason, AIA, NCARB, LEED AP

Position

Project Manager

Education

Bachelor of Architecture; The Catholic University of America, Washington, D.C.; 1998

B.S., Civil Engineering; The Catholic University of America, Washington, D.C.; 1998

Employment History

2008 - Present, Vice President, ZMM, Inc.

2003 - 2008, Project Architect, ZMM, Inc.

1998 - 2003, Project Architect, Charleston Area Architectural Firm

1998, Consultant, Anderson Consulting

Professional Credentials

Registered Architect: West Virginia and Ohio

LEED Accredited Professional

Construction Specifications Institute – CDT

Member of American Institute of Architect

NCARB Certification

Civic Affiliations

West Virginia Vision Shared-Sustainable Economic Development Team

West Side Main Street Design Committee, Charleston, West Virginia

West Virginia Qualifications Based Selection Council

Development Council, St. Agnes School, Charleston, West Virginia

Professional Experience

Mr. Krason's experience includes all aspects of the design and production of small and large projects with an emphasis on Military, Public, Government Facilities, Educational Facilities and Industrial Facilities. Mr. Krason also serves on ZMM's Board of Directors.

Specific project responsibilities: building programming, code compliance review, assistance with the preparation of architectural specifications, project budgeting and scheduling, schematic design compliance with project requirements, and the general overview of each project to ensure client expectations.

Project Experience

State of West Virginia Division of Juvenile Services

State Office Building 5, 6, & 7 Analysis

Joint Interagency Training and Educational Center (JITEC)

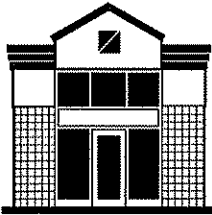
West Virginia Army National Guard - CFMO Expansion Project

West Virginia Army National Guard - Logan Readiness Center

West Virginia Army National Guard - Morgantown Readiness Center

Judge Donald F. Black Courthouse Annex





Stephen E. Hedrick II, PE

Position

Structural Engineer

Education

B.A., Civil Engineering, West Virginia University Institute of Technology, Montgomery, WV, 1996-2001

M.A., Civil Engineering - Structural, University of Tennessee Knoxville, TN, 2001-2003

Employment History

2007-Present, ZMM, Inc.

2003-2007, Principal Engineer, McCall Engineering, LLC, Sarasota, FL

2001-2003, Teaching Assistant and Thesis Research, University of Tennessee, Knoxville, TN

Professional Credentials

Professional Engineer (PE), 2007

Certified Engineer in Training (EIT), 2001

Professional Experience

Responsible for structural engineering design of residential structures, commercial structures, institutional structures and small scale bridges.

Researched and developed design criteria for structural insulated panels.

Prepared design calculations for earthquake and wind design of FRP tanks.

Supervised work of design engineers in preparation of construction documents.

Project Experience

Highland Hospital

New River Elementary - Supplemental Support

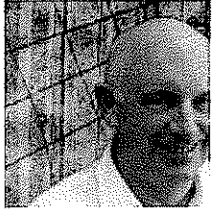
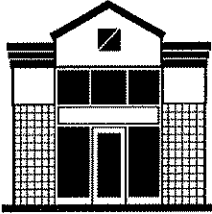
Hacker Valley Elementary - Supplemental Support

Barboursville Middle School - Supplemental Support

Southside Elementary/Huntington Middle School

Glen Jean Armed Forces Center - Joist Reinforcement

West Virginia Cultural Center



Michael D. Abernethy, LC, IESNA

Position

Electrical and Lighting Designer

Education

A.S. Drafting and Design Engineering Technology, WV Institute of Technology, 1970

IESNA Certificate of Technical Knowledge (TKE) in Lighting Design

Employment History

1970-1973, FMC Chemicals, Designer/Draftsman

1970-1972, US Army, Construction Draftsman/Model Maker

1973-1988, ZMM, Inc., Electrical Designer/Technician

1988-1992, W. Va. Signal & Light, Inc., Construction Estimator/
Purchasing Agent & Office Manager

1992-Present, ZMM, Inc., Electrical Designer/Technician

Professional Credentials

Lighting Certified by the National Council on Qualifications for the Lighting Professions (NCQLP)

Master Electricians License (West Virginia)

Professional Experience

Mr. Abernethy is responsible for interior and exterior building lighting design, lighting control and energy management system design, building electrical power distribution design, data system design, sound system design, fire alarm system design, security system design, closed circuit TV System design, emergency generator system design, Division 16 specification writing, commercial building electrical cost and budget estimating, electrical design and production time estimating and existing and new facilities inspection and documentation at ZMM.

In addition to Mr. Abernethy's design responsibilities, he also serves on ZMM's AutoCAD production committee.

Mr. Abernethy started his career in 1970 in the field of drafting for the United States Army and FMC Chemicals in Charleston, WV. He began his electrical design experience in 1973 at ZMM. He is a certified Lighting Designer recognized by the National Council on Qualifications for the Lighting Professions and a Licensed Master Electrician in the State of West Virginia.

Project Experience

Lincoln County High School

St. Albans High School

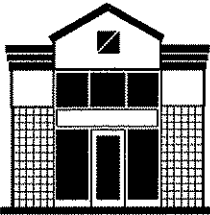
Southside Elementary/Huntington Middle School

Martha Elementary School

Greenbrier East High School

Erma Byrd Higher Education Center





David R. Unrue, AAIA

Position

Construction Administration, ZMM, Inc.

Education

Previously Certified by the WV Department of Highways as Nuclear Compaction Technician, Bituminous Concrete Technician, Aggregate Technician, Portland Cement Concrete Technician
Certified Construction Document Technologist, Construction Specification Institute.

Employment History

1991-Present, ZMM, Inc.

1985-1991, West Virginia Board of Regents, Charleston, WV

1979-1984, Charleston Area Architectural Firm, Charleston, WV

Professional Credentials

CSI, Certified Construction Specifier (Construction Specification Institute)

CDT, Certified Construction Document Technologist

Civic Affiliations

Associate Member, American Institute of Architects, West Virginia

Project Experience

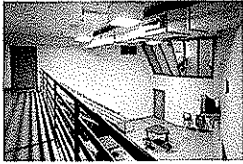
West Virginia Regional Jail Authority

West Virginia Correctional and Juvenile Facilities

Job Corps Center, WV

Sears, Roebuck & Company, Retail Centers

Cabell County Schools, WV



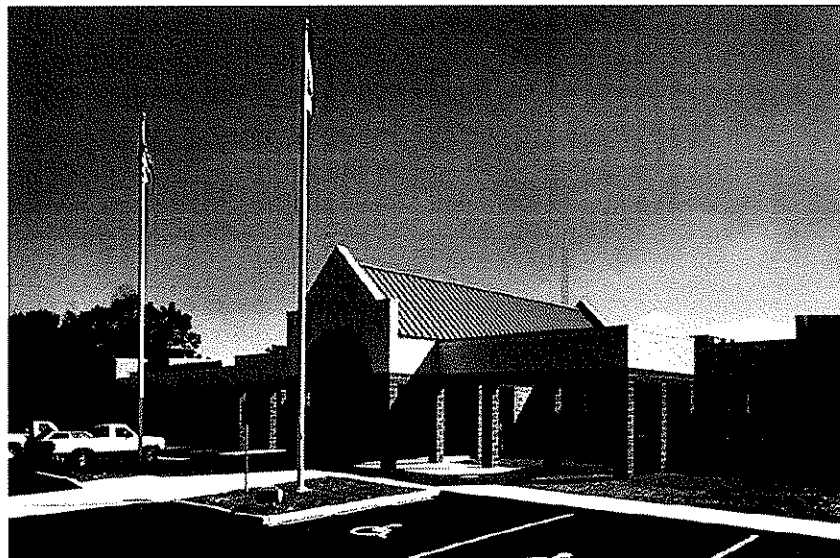
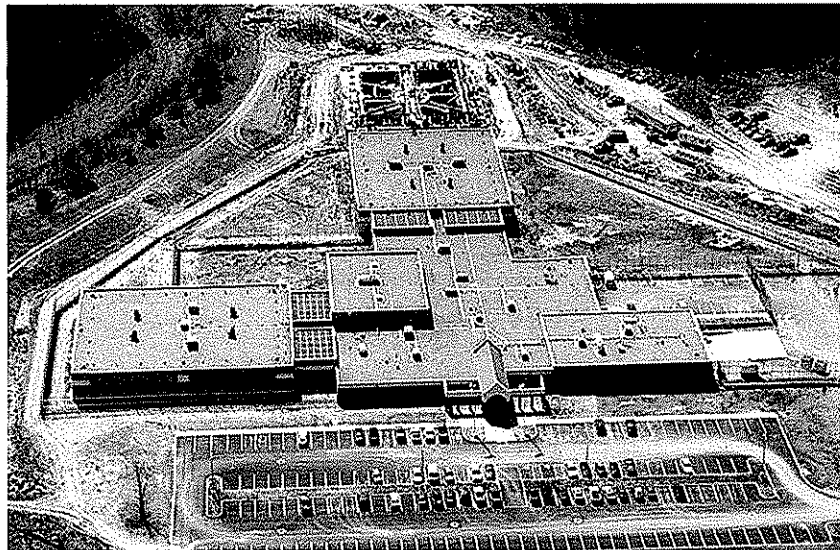
Regional Jail Projects HVAC and Roofing Upgrades

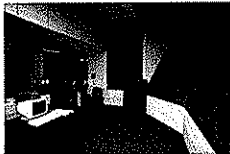
The following Regional Jails have currently been upgraded, including the replacement of the roof membrane and HVAC equipment. The following renovation projects are currently under construction:

Central Regional Jail - Flatwoods, WV

South Central Regional Jail - Charleston, WV

Southern Regional Jail - Beckley, WV





Correctional Facilities

West Virginia Regional Jails

In 1990, the West Virginia Regional Jail and Correctional Facility Authority awarded the joint-venture team of ZMM/CRA a contract to design a prototype detention facility with the flexibility to meet the long range needs of 10 geographical regions in the State of West Virginia. The prototype building was designed as a 200 bed, 300 bed and 400 bed facility with the ability to add a 100 bed housing pod to each. All services required by the building were designed to accommodate the maximum population.

Unique to the design of the prototype jail is the ability of the staff to fully monitor all inmate movement within the corridor system of the building from a single central control location.

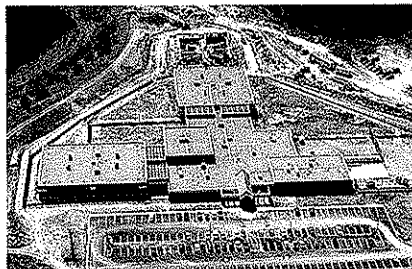
The following systems were designed and installed: integrated security and PA system, closed circuit television, fire alarm system, door access control integrated with security system, cable television and perimeter security system.

The **Central Regional Jail** in Flatwoods, Braxton County, WV, was the first of the prototype jails to be completed. It is a 200 bed medium/maximum security facility of approximately 100,000 SF

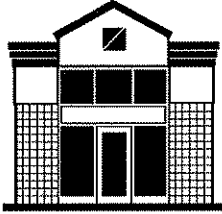
The **South Central Regional Jail**, second of 10 regional jails to be completed, is a 300 bed facility of 140,000 square feet located in the Southridge Business Park, Charleston, West Virginia.

The **Southern Regional Jail** is a 300 bed regional jail of approximately 133,000 SF. The jail has facilities for 96 maximum security inmates with the remaining housing units designed for medium security. This facility is located in Beckley, WV.

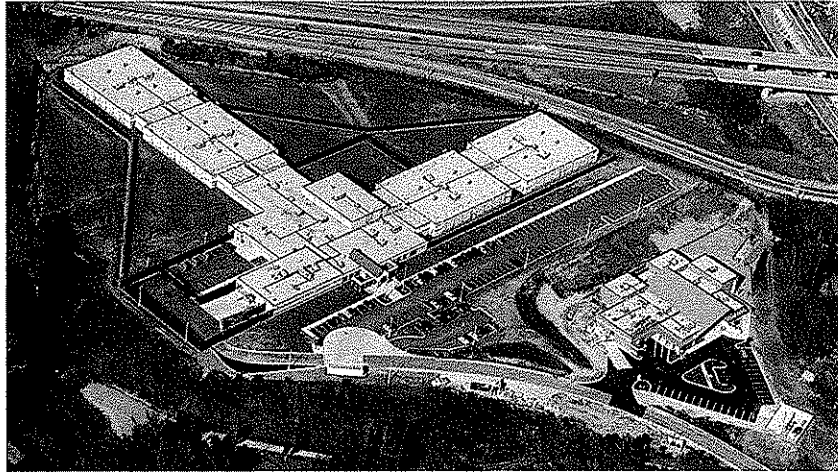
The **Northern Regional Jail and Correctional Facility** is a 400 bed combined regional jail and correctional facility of approximately 164,000 SF consisting of 200 beds used by the regional jail and 200 beds used by the West Virginia Department of Corrections. The regional jail section has facilities for 48 maximum security inmates with the remaining housing units designed for medium security. All housing units occupied by the Department of Corrections are medium security.



Southwestern Regional Jail during construction



Correctional Facilities



The **Southwestern Regional Jail** is a 300 bed facility located in Holden, Logan County, WV, and was completed in 1998.

Located in Dodridge County, WV, the **North Central Regional Jail** is a 400 bed facility and was completed in 2001.

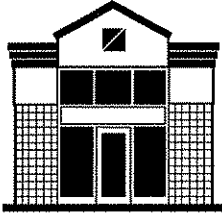
The **Western Regional Jail**, located in Cabell County, is a 400 bed facility and is scheduled for completion in 2003.

A 300 bed facility, the **Eastern Regional Jail**, is located in Martinsburg, WV and was completed in 1999.

Completed in 2000, the **Potomac Highlands Regional Jail**, is located in Augusta, Hampshire County, WV and is a 200 bed facility.

Huttonsville Correctional Facility/100 Bed Dormitory - The 15,000 SF dormitory was designed as a minimum/medium security facility and was completed on schedule and within the Owner's budget.

Prison Industries Facility - Northern Regional Jail and Correctional Facility - This 25,000 SF building is located at the Northern Regional Jail and Correctional Facility to serve the prison industries vocational education requirements of the Correctional Facility Division. The building provides space for a mattress shop, print shop, vinyl notebook shop, and Braille shop in the industries area. Within the vocational education area, space is provided for automobile repair and woodworking. The building was completed on schedule and within the Owner's budget.



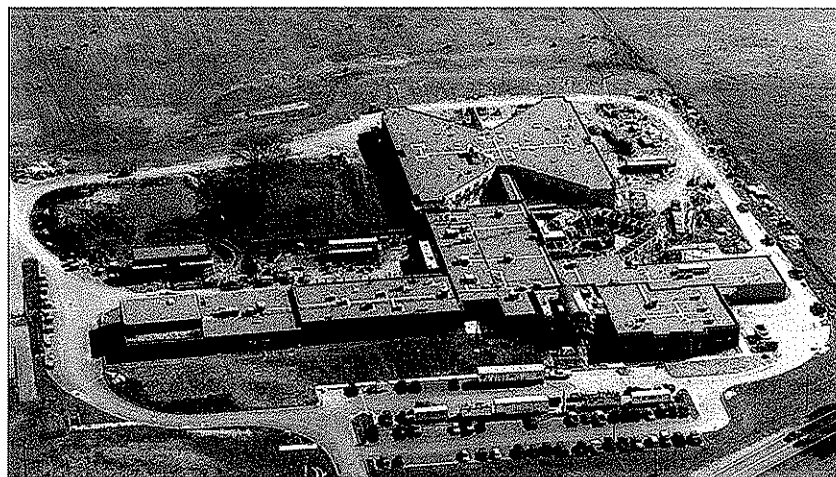
Correctional Facilities

Denmar Correctional Facility - This project consisted of renovations to an existing 4-story hospital's toilet/shower system to accommodate a medium security facility for the West Virginia Department of Corrections.

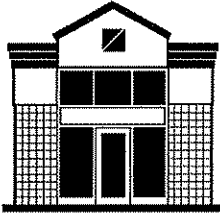
Alderson Federal Prison Camp, Alderson, WV - ZMM provided architectural and engineering services for a major renovation of this women's federal correctional facility located in the Greenbrier River valley. This project includes extensive renovation of eighteen 1938 vintage buildings to current federal prison standards and increases the capacity to 1,269 inmates.

ZMM developed a management plan which allowed the facilities to remain operational at the original inmate capacity during the three year construction period. Renovations included interior and exterior building modifications and finishes, heating, ventilating, plumbing and electrical upgrades, totaling \$10,000,000.

The **Lakin Correctional Center for Women** opened in early 2003 as the first comprehensive state correctional facility for women. Located in Lakin, Mason County, this 225-bed facility houses medium and maximum-security female inmates in a building complex of over 153,000 square feet. The project included renovation of an existing building for education and indoor recreation. ZMM will also complete designs for a separate 124-bed dormitory for minimum security, as well as a correctional industries building, on the campus at Lakin.



Lakin Correctional Center During Construction



Juvenile Centers

West Virginia Juvenile Facilities

Following a very successful program of regional jail construction based on ZMM/CRA's prototype design, the West Virginia Regional Jail & Correctional Facility Authority awarded ZMM a contract to design a new prototype for juvenile detention facilities.

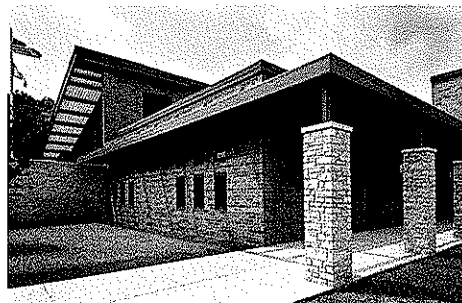
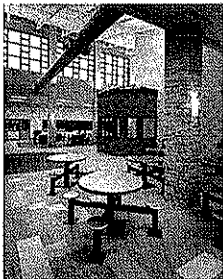
The original prototype has undergone several transformations, including a 2-story design and a prototypical staff-secured design. All of the versions of ZMM's juvenile center prototype are designed to allow safe and effective operation with a small staff.

The **J. M. "Chick" Buckbee Juvenile Center**, located near Romney, Hampshire County, was the first juvenile center bid under the new program of prototype facilities. Scheduled to open in fall 2003, this single-story, 26,500 square foot building houses a complete program of intake, medical care, education, recreation, food service and administration.

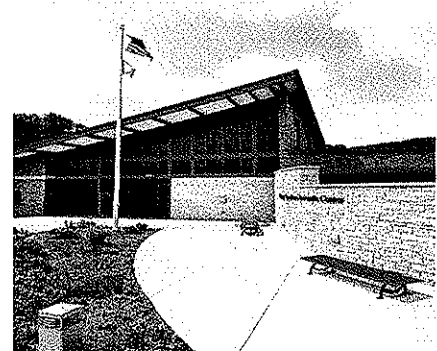
The **James H. "Tiger" Morton Juvenile Center** was designed on the site of the old Kanawha Home for Youth in Dunbar, Kanawha County, West Virginia. Site constraints led to a 2-story variation of the prototype, housing 24 beds in a total building area of 29,000 square feet. This facility, the second of the prototype structures, is scheduled for opening in late 2003.

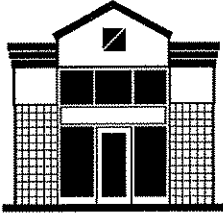
The **Gene Spadaro Juvenile Center**, located in Mount Hope, Fayette County, proved that the prototype concept can be flexible enough to accommodate a dramatic variation in programming. The "softer" approach to this minimum-security facility anticipates program funding through federal IV-E regulations, and relies on staff involvement for security rather than bars and hardware. Completion of this new facility is scheduled for summer 2004.

The **Robert L. Shell Juvenile Center** will be constructed on a site just below the new **Western Regional Jail** in Barboursville, Cabell County, West Virginia. Nearly identical to the Gene Spadaro Juvenile Center, this new center will also use federal IV-E funding and houses minimum-security youth. This facility is scheduled to open in late 2004.



Gene Spadaro Juvenile Center

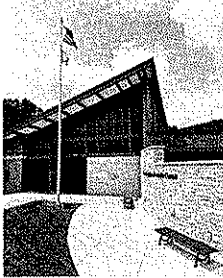




Juvenile Centers

Gene Spadaro Juvenile Center

West Virginia Regional Jail and Correctional Authority
Mount Hope, West Virginia

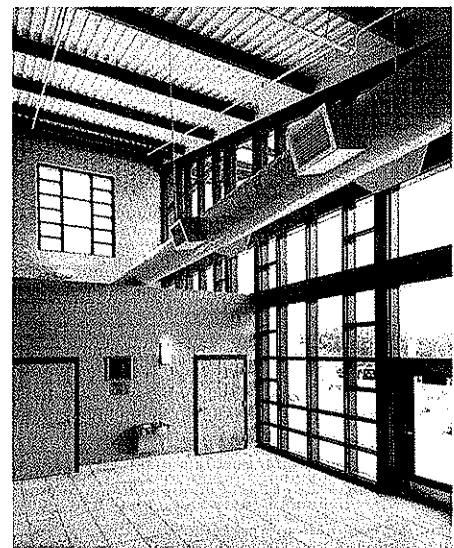
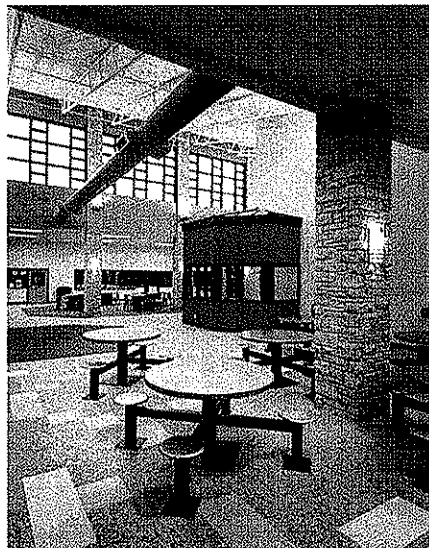


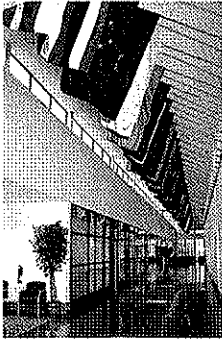
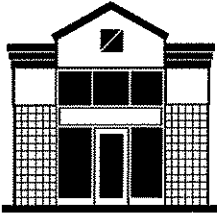
This prototype proved that the concept can be flexible enough to accommodate a dramatic variation in programming. The “softer” approach to this minimum-security facility anticipates program funding through federal IV-E regulations, and relies on staff involvement for security rather than bars and hardware.



This facility won the 2005 Merit Award for *Achievement in Architecture* for American Institute of Architects, West Virginia Chapter.

Completed: June 2004





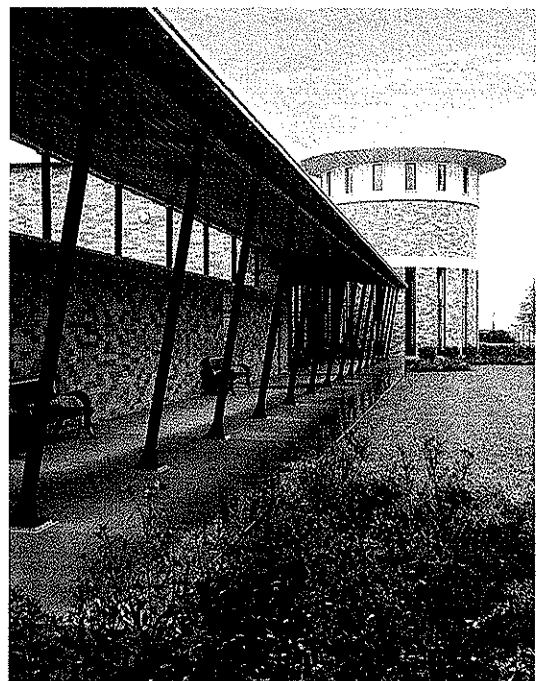
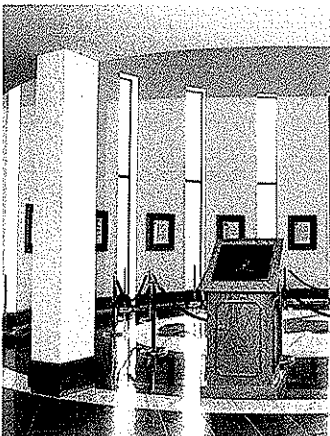
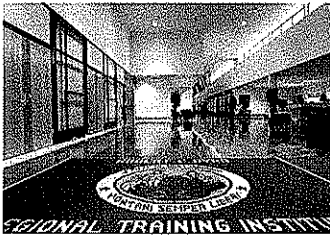
HVAC Replacement Projects

Robert C. Byrd Regional Training Institute Camp Dawson, WV

The Regional Training Institute at Camp Dawson is a new 148,066 square foot facility that will provide a setting for a variety of training classes, meetings, and conferences serving both military and civilian populations from the region and areas throughout the country. The facility includes classrooms, library, sleeping rooms, dining room, auditorium, swimming pool, Post Exchange and snack bar.

The Training Institute has a 400 Ton primary/secondary variable flow chiller water system, and an 8,800 MBH primary variable flow hot water system. The hot water system serves variable and constant value air handling units, fan coils, the swimming pool conditioner, and make up air units.

Size: 148,066 SF
Completion Date: 2002





Renovation Projects

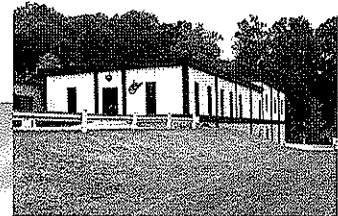
Construction & Facilities Management Office West Virginia Army National Guard Charleston, WV

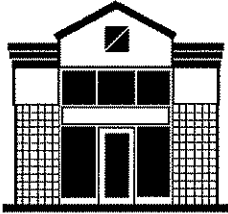
The Construction and Facilities Management Office (CFMO) Expansion project will bring all of the operations of the CFMO together under one roof. The branches that will occupy this facility include: Director of Engineering, Environmental, Planning and Programming, Facility Operations & Maintenance, Business Management, Resource Management, and Design and Construction. This new facility is located slightly to the front, and adjacent to the existing facility, lending prominence to the new construction, and providing a new aesthetic to the entire complex. This transitional space was designed to connect the two structures, while maintaining a connection to the outside through use of natural light, direct visual connections to the exterior, large volumes, irregular geometries, and the use of 'natural' materials.

The entry design was coordinated with the Recruiting and Retention building to create an outdoor courtyard, along with new sidewalks, stairs and signage. The entry roof is sloped to provide a greater massing, while a lower canopy provides scale and protection from the elements. Large gathering and work spaces were located on the north elevation to take advantage of large expanses of glazing located to capture indirect light and views of Coonskin Park.

Size: 19,935 SF
Cost: \$3.6M
Completed: January 2008

Before





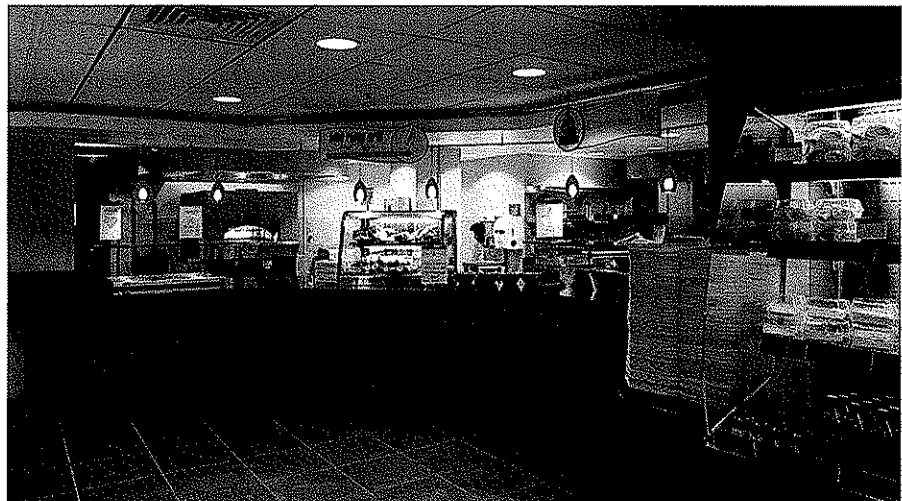
Renovation Projects

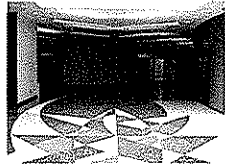
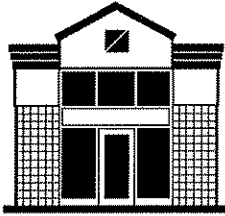
State of West Virginia Capitol Cafeteria Renovation Charleston, WV

This project involved renovating an existing food service area in the WV Capitol Building. The new renovations include a full service kitchen, self serve area and seating for 300 people. ZMM worked with a kitchen consultant and provided demolition drawings, base architectural, mechanical and electrical drawings.

The project included design of the first phase of a wet pipe sprinkler system that will serve the entire Capitol. In addition, ZMM also provided the documents to replace the Capitol medium voltage transformers located in the basement vault. ZMM met stringent timeline for a critical construction completion date.

Size: 14,000 SF
Cost: \$3.7M
Completed: 2007
Owner: Mr. David Oliverio, Director
General Services Division
1900 Kanawha Blvd., East
Charleston, WV 25305
304.558.3517





Renovation Projects

Judge Black Courthouse Annex Parkersburg, WV

The Judge Black Annex project involved renovating an existing commercial building into county office and courtroom space for the Sheriff's Tax Office, Assessor's Office, Prosecuting Attorney's Office, and the Family Court. The design provided both secure and non-secure circulation, while taking advantage of the existing structural configuration to create large open volumes that lend the building prominence.

The interior design utilized rich colors and dramatic visual accents in public areas, with finishes selected for durability. Layered planes of varying colors accent the building's depth, and skylights provide daylight to county staff throughout the renovated office areas. Exterior improvements included the elimination of an existing storefront system as well as a change in the fenestration, to more closely match the existing courthouse and to change the character and typology of the existing facility.

Size: 36,828 SF

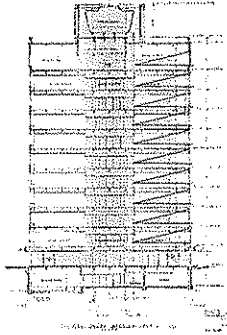
Completion Date: 2005





State of West Virginia

Capitol Complex Buildings 5, 6, 7 Feasibility Study - Master Plan

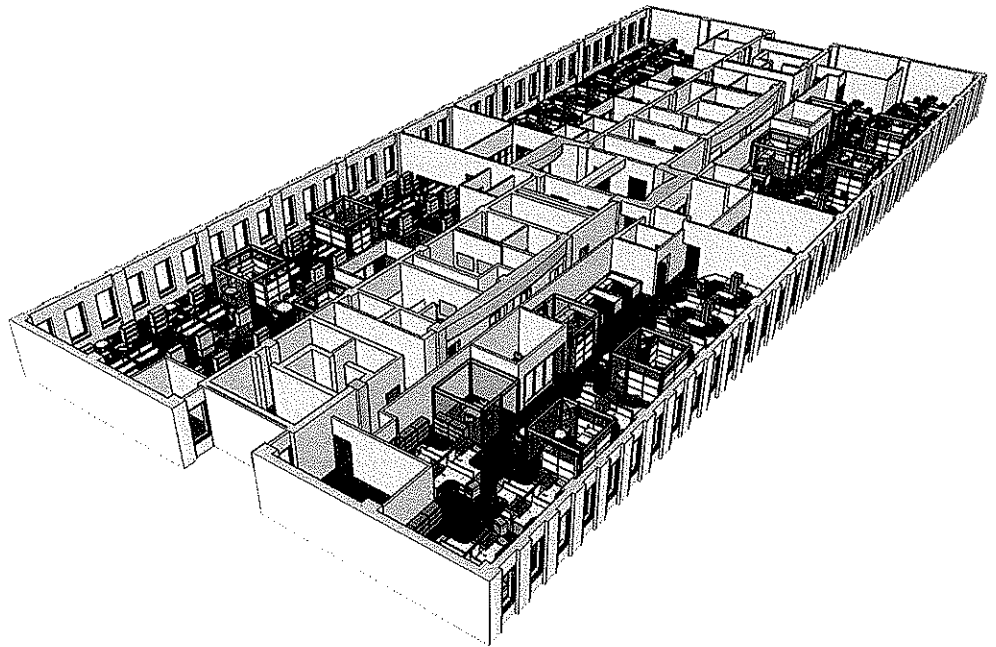


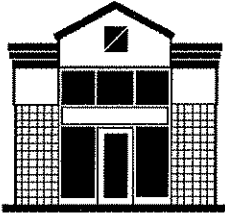
ZMM is currently undertaking an in-depth analysis of Buildings 5, 6, and 7 on the Capitol Campus. The study includes the preparation of as-built plans, as well as an analysis of all building systems, including: Life Safety; Vertical Transportation; Mechanical; Electrical; Data; Façade; Structure; and Roofing. The analysis also includes a study related to potential hazardous materials in the facility.

Once the initial analysis is complete, ZMM will develop several options related to the rehabilitation of the existing facility. Prototypical floor plans are being designed currently as well as major infrastructure and utility upgrades. ZMM is also determining sustainable design principles that will be applicable as the renovations are undertaken.

Additionally, ZMM has commenced with the design of the 10th floor for the office of technology.

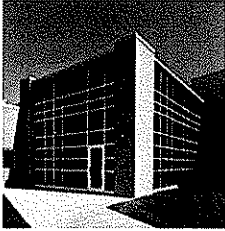
Size: 500,000 SF
Cost: TBA
Completed: TBA





Renovation Projects

St. Albans High School Kanawha County Schools St. Albans, WV



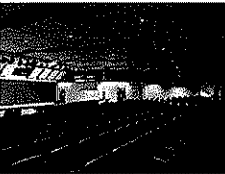
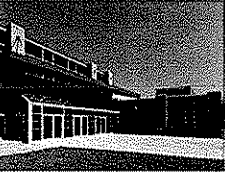
The renovation and additions to St. Albans H. S. include the razing of about 40% of the existing structure and the construction of 124,000 SF of new facility. The completed facility houses 1050 students, grades 9 thru 12. The new facility includes a distance learning center with duplex teleconferencing, and a state of the art media center with technology distribution throughout the entire facility.

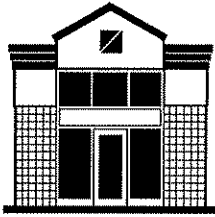


It also includes complete food service facilities and a commons/dining area, which serves as the focal point for access to the gymnasiums and auditorium. *Project of Distinction and Effective Transformation Design Awards.*



Size: 172,596 SF
Completion Date: 2003





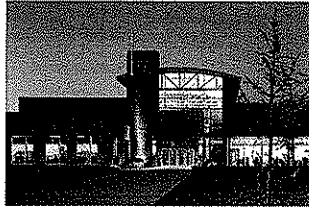
Award Winning Design



2009

Construction & Facilities Management Office

Charleston, West Virginia
AIA Merit AWARD West Virginia Chapter
Achievement in Architecture



2008

Erma Byrd Center

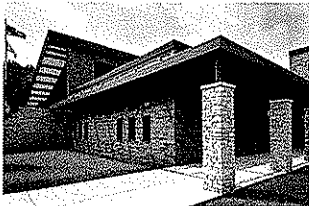
Beckley, West Virginia
AIA HONOR AWARD West Virginia Chapter
Excellence in Architecture
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design



2007

Lincoln County High School

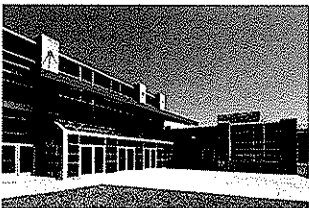
Hamlin, West Virginia
AIA HONOR AWARD West Virginia Chapter
Excellence in Architecture
EDUCATION DESIGN SHOWCASE
Project of Distinction award
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design



2006

Gene Spadaro Juvenile Center

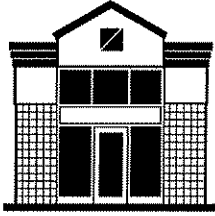
Mount Hope, West Virginia
AIA MERIT AWARD West Virginia Chapter
Achievement in Architecture



2004

St. Albans High School

St. Albans, West Virginia
IMPACT ON LEARNING AWARD
Effective Transformation
EDUCATION DESIGN SHOWCASE
Outstanding Building Design
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design



Additional Award Winning Design

WEST VIRGINIA SOCIETY OF ARCHITECTS Design Honor Awards



Corporate Headquarters Facility
Blue Cross / Blue Shield of West Virginia
Charleston, West Virginia



John XXIII Pastoral Center
Wheeling-Charleston Diocese
Charleston, West Virginia



Corporate Office Building
Contractors' Association of West Virginia
Charleston, West Virginia



One Bridge Place Office Renovation
Fisher-Bryson Properties
Charleston, West Virginia

UNITED STATES NAVY

Admiral's Commendation

Operations Building Alterations
Naval Security Group
Sugar Grove, West Virginia

CONSTRUCTION SPECIFICATIONS INSTITUTE

Honorable Mention

Restoration and Renovation Projects
Cottage Renovations to Federal Prison Camp
Alderson, West Virginia

STONEWALL JACKSON LAKE

Merit Award

Design and Environmental Program
Recreation Area Basic Park
Weston, West Virginia

13 October 2009

Mr. John Abbot, Buyer
PO Box 50130
Charleston, WV 25305-0130

Subject: Regional Jail and Correctional Authority Various Locations State of WV

Buyer: John Abbott
Req#: RJCMT012
Opening Date: 13 October 2009
Opening Time: 1:30 PM

RECEIVED

2009 OCT 13 A 10:18

PROCUREMENT DIVISION
STATE OF WV

Mr. Abbott,

KZF Design is pleased to submit our qualifications for the repair and renovation/replacement at various Regional Jail facilities through the state of West Virginia. We have prepared a group of experienced design and engineering professionals that, together, present a highly streamlined and qualified team.

KZF has successfully completed three Federal Prison projects in the state of West Virginia and can translate those experiences to complete prison projects for the state. Our track record of quality work completed on time and within budget for a myriad of justice projects is unparalleled. To further qualify us to work with the state of West Virginia on this project, we have brought in two subconsultants we feel will further enhance our ability to meet the varying project needs.

KLH Engineering and Marshall Miller and Associates (MMA) are joining our team. KLH will be providing support for the Mechanical, Electrical and Plumbing portion of the project, while MMA will be providing Civil and Structural support.

MMA has a wide range of project experience throughout the state of West Virginia. With multiple office locations in the state of WV, MMA has a strong working knowledge of how to successfully complete projects in a timely and effective manner. MMA's locations allows our team to meet with the project owners quickly. The following projects represent only a portion of their capabilities:

Wal-Mart Storm Water Remediation, Lewisburg, W.Va.

Investigated the cause of and provide remediation plans for problems associated with flooding that included sinkhole reconnaissance investigation, site survey, permit application for injection well, permit application for discharging storm water to sink hole, and preparing design plans for new discharge and routing system for storm water.

Ashland Scenic Campground, McDowell County, W.Va.

Applied principles of sustainable development in the design of an all-terrain vehicle resort in McDowell County, W.Va. Project utilized complete civil design, environmental science and permitting service on land that had been deep- and contour-mined. Services included locating an acceptable water source, developing designs for water supply system and sewage collection and treatment system, delineating streams and wetlands affected by redevelopment, and designing a repair and beautification of a stream segment all in coordination with appropriate regulatory agencies.

First Century Bank, Princeton, W.Va.

Conducted civil engineering design services for a 1.5 acre tract that included a 6,500 square foot one-story bank. Services included design of curb cuts, onsite storm water detention, landscape/irrigation, replatting, set backs, zoning and utilities, and parking. In addition, supervised construction project that included 727 linear feet of access road with concrete curbs, gutter, and parking areas.

Winding View Subdevelopment, Beckley, W.Va.

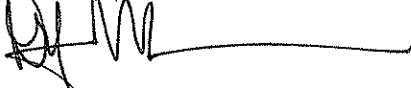
Conducted road design that included surveying and engineering; prepared plans for water system that included lines and tank, hydraulic calculations for storm water, and NPDES permitting; and designed sanitary sewer that included a combination of individual septic fields. Various concepts were presented so that the client could select cost effective results.

Bluefield Regional Medical Center Ambulatory Surgery Center, Bluefield, Va.

Provided site development services for an 11 acre center that included engineering design and modeling of the site, as well as permit preparation, site grading plans, storm water management planning, and construction-phase erosion and sediment control plan.

The following Expression of Interest will further explain KZF, KLH and MMA's experience and capabilities. If selected, we will be committed to start this project immediately and apply all our resources to meet your schedule and make your project a success. If you should have questions or need additional information, please don't hesitate to call or contact me at doug.marsh@kzf.com.

Cordially yours,



KZF Design Inc.