



03/28/22 14:27:47
WV Purchasing Division

STATEMENT OF QUALIFICATIONS:

Mountain Transit Authority

Upgrade and Modification (3,000 SF Expansion)

March 28, 2022





March 28, 2022

Ms. Jessica L. Hovanec, Senior Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Subject: Expression of Interest to Provide Architectural and Engineering Services for the Expansion and Upgrade of Mountain Transit Authority (MTA) Facility Summersville, WV

Ms. Hovanec:

ZMM Architects and Engineers is pleased to submit the attached information to demonstrate our experience and our qualifications to provide professional design services for the proposed Expansion and Upgrade of the Mountain Transit Authority (MTA) Facility in Summersville. Established in 1959, ZMM is a West Virginia based, full service A/E firm, and is noted for design excellence and client focus. Our integrated design approach makes ZMM unique among design firms in West Virginia, and will help to ensure the quality of the services that we will provide. We are confident that our vast local portfolio, our team's recent experience assisting the Kanawha Valley Regional Transportation Authority with a similar project, our recent experience providing design services in Nicholas County (for Nicholas County Schools), and our ability to offer both architectural and engineering services in-house will help ZMM successfully deliver this project for the MTA.

Below please find a list of additional qualifications of the ZMM team that will lead to the successful implementation of your project:

Local Design Experience. ZMM regularly works in the Summersville and Nicholas County area. We have designed improvements to the Nicholas County Courthouse, as well as several local schools. ZMM's diverse portfolio of work in Nicholas County includes:

Nicholas County Courthouse HVAC Improvements
Jeld-Wen Manufacturing Facility
2003 Flood Relief Projects (Richwood)
2016 Flood Relief Projects
Nicholas County High School Expansion
Gauley River Elementary School
Nicholas County Career and Technical Center Improvements
New River Community and Technical College Expansion (Unbuilt)
New River Community and Technical College Master Plan
Nicholas County Schools 2020-2029 CEFP

Quality. ZMM has a history of providing high quality design services throughout West Virginia. This quality has been recognized by the quantity of repeat clients, as well as with both statewide and national planning and design awards. *In fact, ZMM's commitment to design quality has been recognized by the American Institute of Architects West Virginia Chapter with twenty-four design awards since 2005 – an achievement unrivaled in West Virginia.*

Schedule and Budget Control. Our team has a demonstrated history of delivering challenging new construction, addition, and renovation projects on schedule and within the owner's budgetary constraints.

Blacksburg
200 Country Club Drive SW
Plaza One, Building E
Blacksburg, Virginia 24060
540-552-2151

Charleston
222 Lee Street West
Charleston, West Virginia 25302
304-342-0159
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Martinsburg
5550 Winchester Avenue
Berkeley Business Park, Suite 5
Martinsburg, West Virginia 25405
304-342-0159



We accomplish this by helping to clearly define the scope, and then working as a team to develop affordable design solutions. ZMM also utilizes independent cost estimates to validate the anticipated construction cost.

Talent. With over sixty-five local employees ZMM provides an integrated design approach by delivering all building related design services including architecture, engineering (civil, structural, mechanical, and electrical), interior design, and construction administration in-house. ZMM's team includes twelve registered architects, fourteen professional engineers, interior and lighting designers, and construction administrators. Our architects and engineers are highly qualified and have worked together to deliver projects with similar scope and complexity.

Thank you for taking the time to review the attached qualifications that includes information about our firm history, ZMM's project approach, staff member qualifications, relevant project experience, and references. Additionally, please visit our website at www.zmm.com to see the full range of projects that we have designed, and to learn about working with ZMM from a client's perspective. We appreciate your consideration for this important assignment, and look forward to the opportunity to assist the Mountain Transit Authority on this important endeavor, with the intent of assisting you in meeting your mission of providing "safe and dependable transportation in the four-county area served in the most cost-efficient manner possible, and to provide courteous and professional service to our customers."

Respectfully submitted,

ZMM Architects and Engineers

A handwritten signature in black ink, appearing to read 'A. R. Krason', followed by a horizontal line.

Adam R. Krason, AIA, NCARB, LEED-AP
Principal

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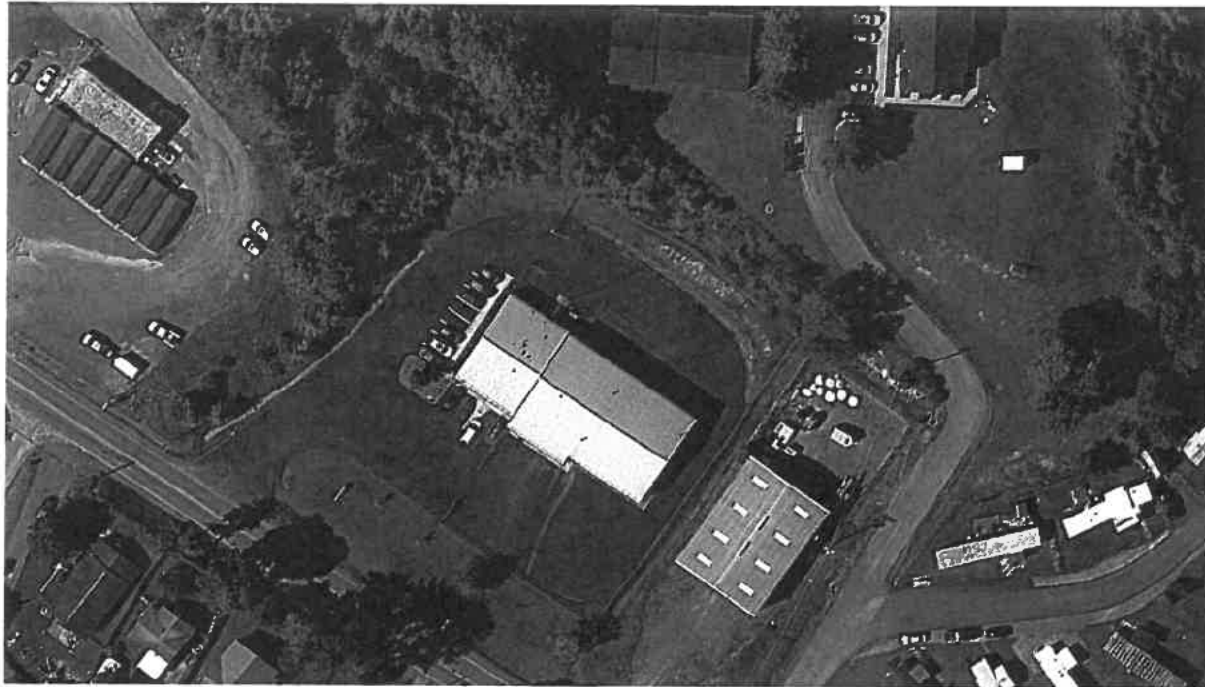
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EXPANSION AND UPGRADE OF MOUNTAIN TRANSIT AUTHORITY (MTA) FACILITY

Summersville, WV

BACKGROUND

Based upon information contained in the Expression of Interest ZMM understands that the project involves the addition of 3,000 SF to the existing building located at 1096 Broad Street in Summersville. The expansion will include additional offices, a training room, restrooms, a driver's room, a parts supply room, and the extension of the parking lot. ZMM recently designed a new 2,000 SF facility for the Kanawha Valley Regional Transportation Authority (KVRTA) at the new Laidley Street Transit Center. The facility included many of the spaces anticipated in the addition, as well as ticketing and dispatch.



ZMM's ability to provide comprehensive building design services has led to our firm becoming a trusted resource for complex renovation projects throughout the West Virginia, and the technical nature of the project demonstrates the need for a full-service design team with experience working on transit facilities in West Virginia. ZMM has all required technical professionals - including architects, engineers (civil, structural, mechanical, and electrical), and interior designers - to address every aspect of the Mountain Transit Authority (MTA) Expansion and Upgrade project. ZMM's expertise in building renovation is highlighted by our history of providing services on improvement projects to our state's landmark buildings, including the State Capitol, the Culture Center, the Charleston Coliseum and Convention Center (Civic Center), and the Clay Center.

PROJECT GOALS AND OBJECTIVES

The request also outlines the following goals and objectives:

1. Vendor shall develop plans and specifications for the Building Expansion, these should include additional offices, a training room, restrooms, driver's room, parts supply room, and new LED lighting. Vendor shall perform an assessment of the current parking lot and provide recommendations for expansion. These plans should also include any required utility relocation.
2. Vendor shall develop environmental documentation to comply with the National Environmental Protection Act (NEPA) to allow Federal Transit Administration to approve funding requested by the State to perform this project.
3. Vendor shall develop bidding documents for both the interior expansion project and the exterior renovations, including the parking lot expansion. Vendor should demonstrate their history with developing bidding documents for governmental agencies.
4. Vendor shall provide construction management oversight throughout the project. Vendor should demonstrate their experience with managing large expansion/renovation projects.

EXPANSION AND UPGRADE OF MTA FACILITY: PROJECT APPROACH

Addition and renovation projects require a unique approach, and ZMM has provided design services on these type of projects throughout West Virginia. The first phase in a successful expansion project involves conducting a thorough examination of the existing facilities to identify deficiencies and opportunities. The purpose of the investigation is to determine the condition of the major building systems, and to validate the proposed project scope and budget. ZMM will commence the investigation by developing as-built plans of the MTA facility in Summersville. These plans will be created by manually verifying the existing construction and utilizing any existing plans that are available. All major mechanical and electrical equipment will be identified on the plans. Once these plans are complete, ZMM will conduct a facility evaluation with a team of architects and engineers, in conjunction with MTA personnel.



The examination process will begin with a review of all existing plans of the site and buildings and as noted above, the production of as-built plans. Once the base plans are completed, existing conditions are documented with photographs that are keyed to the plans. Additionally, all major mechanical and electrical equipment is identified on the plans, and the condition is noted in the assessment. The investigation will be conducted by a team of building design professionals including architects, structural, electrical, and mechanical engineers. For the proposed project, the team will focus the investigation on the following systems:

- Life Safety and Egress (Coordinated with the State Fire Marshal)
- Accessibility
- Interior Conditions and Finishes
- Furniture, Fixtures, and Equipment
- Plumbing Systems
- Electrical Service and Distribution, Emergency Power
- Lighting
- Mechanical Systems
- Data/IT Infrastructure
- Security

At the completion of this first phase, all required improvements will be identified, and any scope/budget issues will be resolved. The proposed expansion and upgrade will also be reviewed with the State Fire Marshal as upgrades to existing facilities often require simultaneous life safety improvements.

Once the first phase is completed, ZMM will develop plans, specifications, and bidding documents for the proposed improvements. Drawings, specifications, and estimates will be submitted for review at 35% (as noted above), and again at 65%, 95%, and 100%. Once the documents have been approved, ZMM will assist with the bidding and construction phases of the project, including participation in a pre-bid meeting, developing any required addenda, responding to RFI's, reviewing submittals, and conducting and preparing minutes of construction progress meetings. Our efforts will continue through substantial and final completion inspections and include an eleven-month warranty walk through. *Our goal throughout this process will be to function as part of the MTA team, with the objective of ensuring the seamless delivery of your project.*

CONSTRUCTION PHASE SERVICES

ZMM understands the challenges that can arise during the construction phase of the project and provides a robust team to ensure an efficient delivery of your project. The ZMM project manager will serve as the primary representative of ZMM and will attend all construction progress meetings. ZMM also employs an in-house construction administrator (who will assist the project manager) and an administrative assistant who tracks all information (incoming and outgoing) during the construction phase to ensure ZMM is being responsive to project needs.



Typical construction phase services include the following:

1. Attendance at Pre-Construction Meeting
2. Observation of Construction Progress
3. Serve as the Liaison Between the Owner and Contractor
4. Attend Bi-weekly Site Visits/Construction Progress Meetings
5. Responsible for Attending Pre-Installation Meetings
6. Attends Progress Meetings
7. Certify Applications for Payment by the Contractor
8. Process RFI's, Submittals and Change Orders

PROJECT MANAGEMENT/STAFFING PLAN

With over sixty-five local employees ZMM provides an integrated design approach by delivering all building-related design services including architecture, engineering (structural, mechanical, and electrical), interior design, and construction administration in-house. ZMM's team includes twelve registered architects, fourteen professional engineers (structural, mechanical, and electrical), interior and lighting designers, and construction administrators. Our architects and engineers are industry leaders and have worked together to deliver projects with similar scope and complexity. Our intent on the project will be to serve as an extension of the Mountain Transit Authority's team, with the goal of ensuring the successful delivery of the expansion project.

ZMM QUALITY CONTROL PLAN

Quality control during the design phase begins with the selection of team members with experience working on projects that are like the current effort. ZMM Architects and Engineers staff possesses the WVARNG renovation design experience to ensure the success of the project. Quality control during the design phase will occur through regular, documented, project meetings between the design team and the MTA. In addition to the regular design phase meetings more formal QA/QC will occur at the end of each design phase. A more detailed description of the design phase quality control plan is noted below:

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. Project team members are selected based upon relevant experience, and ability to help achieve the client's vision.

2. Identifying Project Requirements

Project team members are fully integrated in each phase of the design process, ensuring a quality project from the commencement. The project requirements are included in a 'Basis of Design' that each member of the project team can access. The 'Basis of Design' helps guide important project decisions.

3. Identifying Client Expectations

Knowing and understanding our clients' expectations is our goal. This knowledge gives ZMM a baseline for exceeding expectations. We will commence the design effort with a planning session to help identify your vision for the project.

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 (35%)

Design Development Phase (65%)

Construction Documents Phase (95%)

Construction Administration Phase

ZMM has developed a series of QA/QC review documents that are completed during each phase, and include a programmatic review, technical review, and review of the project schedule and budget.

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 important to ZMM and providing increased opportunities for learning and advancement leads to improved employee performance and more successful projects for our clients.

ZMM COST CONTROL PLAN

As part of our effort to ensure our ability to meet the MTA's budget, ZMM will rely on both historic bidding data as well as independent estimates to verify the project budget. For this project ZMM would utilize Win Strock to provide the independent estimate. ZMM and Mr. Strock have successfully collaborated on a number of projects, including:

- MCA-South Improvements
- Camp Dawson Building 246 Improvements
- Camp Dawson Building 301 Improvements
- Camp Dawson Building 202 Improvements

- Marshall County Readiness Center
- Logan-Mingo Readiness Center
- Parkersburg Readiness Center
- Building 5, 6, & 7 Improvements
- Beech Fork Lodge
- West Virginia State Police Information Services Center
- West Virginia State Lottery Headquarters Renovation



ZMM has a history of working to successfully projects under challenging budget and schedule constraints throughout West Virginia. We commit to working with you to meet the budget and schedule for the Expansion and Upgrade of the Mountain Transit Authority (MTA) Facility in Summersville.

SUMMARY

ZMM possesses the relevant renovation and addition (expansion) design experience, recent transit experience, and project approach to ensure the successful delivery of the Expansion and Upgrade of the MTA Facility in Summersville. Our team's vast relevant experience, our commitment to design quality, and our approach to control the project budget and schedule makes us the right partner for this engagement. ZMM will help you meet your mission of providing "safe and dependable transportation in the four-county area served in the most cost-efficient manner possible, and to provide courteous and professional service to our customers."

ABOUT ZMM ARCHITECTS & ENGINEERS

ZMM was founded in 1959 in Charleston, West Virginia by Ray Zando, Ken Martin, and Monty Milstead. Since the inception of the firm, ZMM has been dedicated to providing an integrated approach to building design for our clients.

ZMM delivers this integrated approach by providing all building related design services, including architecture, engineering (civil, structural, mechanical, and electrical), interior design, and construction administration with our in-house team. Our integrated design approach makes ZMM unique among architecture/engineering firms, and helps to ensure the quality of our design solutions by providing more thoroughly coordinated construction documents.



ZMM has maintained a diverse portfolio since the founding of the firm. Early commissions included higher education projects for West Virginia University and Concord College, State Office Buildings 5, 6, & 7 on the State of West Virginia Capitol Campus, and armories for the West Virginia Army National Guard.

Maintaining a diverse practice for over 60 years has provided ZMM with extensive experience in a variety of building types, including educational facilities, governmental facilities (military, justice, correctional), healthcare facilities, recreation facilities, commercial office space, light industrial facilities, and multi-unit residential buildings.

The original partners transferred ownership of the firm to Robert Doeffinger, PE and Steve Branner in 1986. Mr. Doeffinger and Mr. Branner helped guide and expand the firm to its present size of 35 people. Over the past 20 years David Ferguson, AIA, and Adam Krason, AIA, LEED-AP joined in ownership of the firm. In 2020, Randy Jones also joined in ownership of the firm when ZMM acquired Blacksburg-based OWPR Architects & Engineers to create a regional design firm that employs more than 50 highly-skilled professionals.

ZMM has become a leader in sustainable / energy-efficient design, and a trusted resource on complex renovation projects. ZMM's unique renovation project approach and ability to



About ZMM Architects & Engineers (cont.)

provide comprehensive design services has also led the firm to be selected to improve landmark buildings, including the Charleston Coliseum & Convention Center, the Clay Center for the Arts and Sciences, the State of West Virginia Culture Center, and the West Virginia State Capitol Building. Additional significant projects designed by the firm include the Explorer Academy (Cabell County Schools), the Logan-Mingo Readiness Center, the Manassas Park Community Center and Natatorium, the design of the Fourth High School (Frederick County Public Schools), the new Harrington Waddell Elementary School (Lexington City Schools), CAMC Teays Valley ICU, and Ridgeview Elementary School (Raleigh County Schools). ZMM has also provided design services on more than 300 school projects throughout the region.

ZMM's building-related design services include:

Pre-Design

Educational Facility Planning
Existing Building Evaluation
Space Planning
Master Planning

Programming
Feasibility Studies
Site Evaluation and Analysis
Construction Cost Estimating

Design

Architectural Design
Interior Design
Lighting Design

Sustainable Design
Landscape Architecture

Engineering

Civil Engineering
Mechanical Engineering
Energy Consumption Analysis

Structural Engineering
Electrical Engineering
Net Zero Buildings

Post-Design

Construction Administration
Life Cycle Cost Analysis

Value Engineering
Post-Occupancy Evaluation

As ZMM looks to the future, we remain committed to the ideal of providing high-quality, client-focused design solutions that meet budget and schedule requirements. We listen, we respond promptly with innovative and efficient solutions, and we deliver quality projects and develop lasting relationships. You see us in YOUR community every day.



AWARD WINNING DESIGN

2020

AIA West Virginia Chapter: Merit Award

Achievement in Architecture for New Construction

Mountain Valley Elementary School

Bluefield, West Virginia

AIA West Virginia Chapter: Merit Award

Achievement in Architecture

Ridgeview Elementary School

Crab Orchard, West Virginia

2019

AIA West Virginia Chapter: Honor Award

AIA West Virginia Chapter: Citation Award

AIA West Virginia Chapter: People's Choice Award

Charleston Coliseum & Convention Center

Charleston, West Virginia

2018

AIA West Virginia Chapter: Citation Award

Unbuilt Project

Charleston EDGE

Charleston, West Virginia

2017

AIA West Virginia Chapter: Merit Award

Achievement in Architecture

Explorer Academy

Huntington, West Virginia

AIA West Virginia Chapter: Merit Award

Achievement in Sustainability

Logan - Mingo Readiness Center

Holden, West Virginia

2016

AIA West Virginia Chapter: Merit Award

Achievement in Architecture in Interior Design

Christ Church United Methodist

Charleston, West Virginia



AWARD WINNING DESIGN

AIA West Virginia Chapter: Merit Award

Achievement in Architecture

Gauley River Elementary School

Craigsville, West Virginia

2015

AIA West Virginia Chapter: Honor Award

Achievement in Architecture in Sustainable Design

Edgewood Elementary School

Charleston, West Virginia

AIA West Virginia Chapter: Merit Award

Achievement in Architecture

Kenna Pk-5 School

Kenna, West Virginia

2014

AIA West Virginia Chapter: Merit Award

Achievement in Architecture in Sustainable Design

Huntington East Middle School

Huntington, West Virginia

AIA West Virginia Chapter: Merit Award

Achievement in Architecture

Southern West Virginia Community & Technical College

Williamson, West Virginia

AIA West Virginia Chapter: Merit Award

Achievement in Architecture in Interiors/Graphics

Girl Scouts of Black Diamond Council

Charleston, West Virginia

2012

AIA West Virginia Chapter: Honor Award

Excellence in Architecture

West Virginia Housing Development Fund Building

Charleston, West Virginia

2011

AIA West Virginia Chapter: Honor Award

Excellence in Architecture in Historical Preservation

Southside Elementary/Huntington Middle School

Huntington, West Virginia





FREDERICK COUNTY TRANSPORTATION FACILITY

LEED
SILVER

LOCATION WINCHESTER, VA	SIZE 52,638 SF	COMPLETION 2013	COST \$17M
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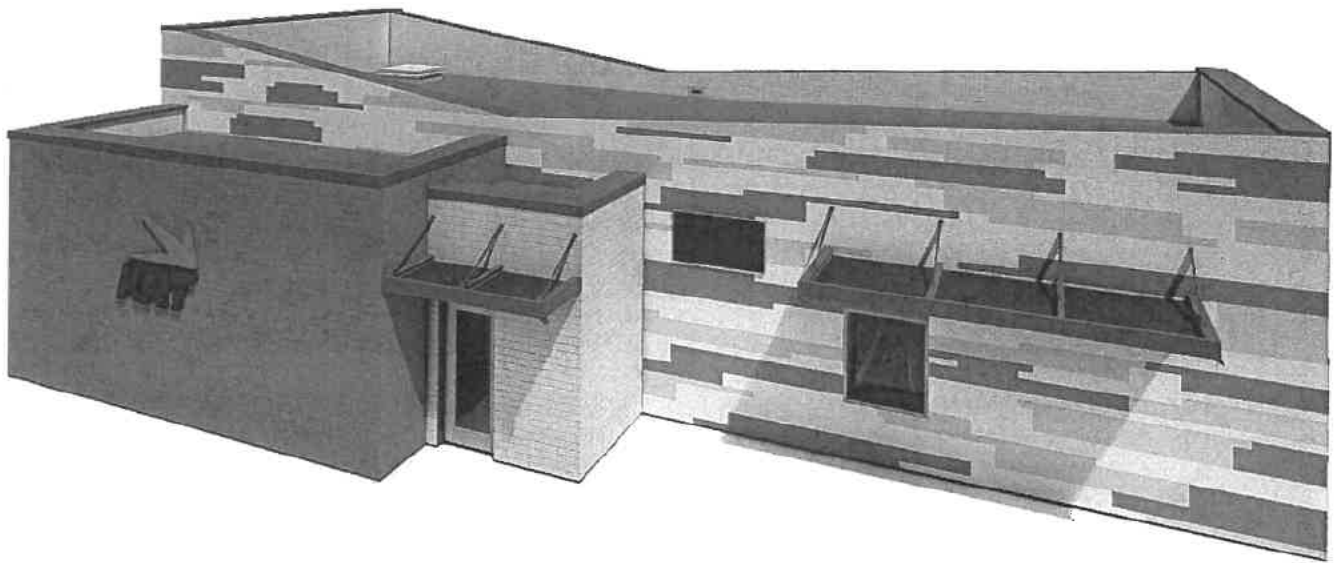
The design of the transportation complex consists of two separate primary buildings: one for administration offices, the other houses vehicle maintenance.

The Administration Building contains eleven offices, two conference rooms, a lobby with receptionist area, a work area, a storage area, and restrooms. This building also contains a driver training room for 50 drivers, and a driver lounge. The interior is designed to allow for future expansions. The Administration Building was awarded LEED Silver Certification.

The Vehicle Maintenance Building has office space in the center with repair bays on each side. The office space includes seven offices (with the potential to grow), a lobby with receptionist area, restrooms, a waiting room, a separate employee lounge with restrooms and showers, a technical research room, a work room, and a custodial closet. A separate area of this building includes a tool storage room, a component room, parts storage, fluid storage, a pump room, and a compressor room. Heavy-duty bays are grouped together on one side of the facility. The opposite side houses light-duty bays.

The Wash and Fuel Facility has four fueling service bays, a tire service bay, two wash bays, and an office. The complex also has a Storage Facility.





KRT - NEW LAIDLEY TRANSIT/ TICKET OFFICE

LOCATION	SIZE	COMPLETION	COST
CHARLESTON, WV	1,900 SF	2022	\$2.5M

The City of Charleston has undertaken a urban redesign between the Charleston Town Center Mall and Summers Street, creating the Brawley Walkway and John Slack Green. In an effort to move their transit mall to the south so it will no longer conflict with pedestrian traffic through the new plaza, the Kanawha Valley Regional Transit Authority (KRT) decided to redesign their transit mall. The redesign consisted of removing their old ticket office and reconfiguring the south half of Laidley Street to a more pedestrian-friendly bus environment.

The new Transit Center is highlighted by a 1,900 SF contemporary building at the cross roads of the intersecting plazas. The bulk of the facility and angled roof lines are highlighted by three separate colors of randomly-placed masonry veneer. The small restroom and entrance wings are composed of solid color masonry veneer. The interior contains a large ticket office, staff offices, a conference room and restrooms for staff and bus personnel. Patrons can purchase tickets at the large transaction window which overlooks the plaza or through ticket vending machines on the exterior. Additionally, a large storage room for the City of Charleston can be accessed from the rear to hold material and equipment for plaza maintenance.

The work on Laidley Street begins at the north end where a raised concrete walkway covered in decorative pavers connects Brawley Walkway to John Slack Green. From there, a new widened concrete road and concrete sidewalks were developed with parking on each side for a total of 11 buses which leads to Quarrier Street. Along with new pole lighting and decorative light bollards, each bus space is accompanied by a new covered transit shelter with digital reader boards and other colorful signage helping to direct potential riders.





WV STATE OFFICE BUILDINGS 5, 6, & 7

LOCATION | AWARDS
CHARLESTON, WV | 2011 AIA WV MERIT AWARD

Nearly 50 years ago, ZMM (as Zando, Martin & Milstead) designed the original West Virginia State Office Buildings 5, 6, and 7.

Over the past decade, ZMM has assisted the State of West Virginia General Services Division with various improvements to the buildings, which commenced with an assessment that examined the condition of the buildings, as well as cost and phasing options for various upgrades. Improvements undertaken have ranged from substantial renovations to maintenance and repair projects. ZMM provided design services for the renovation of the 10th Floor of Building 5 for the Office of Technology, which focused on demonstrating the potential for renovating the floors in a more contemporary manner that moves the open office spaces to the perimeter, and pulls the offices adjacent to the building core. The project was delivered considerably under the anticipated budget.

The next phase of renovation involved abatement, demolition, new construction, and updated life safety systems. ZMM assisted with roof replacement for all three buildings, utilizing white EPDM roofing material, with consideration being given to sustainability. ZMM also assisted with expanding the electrical courtyard, improving the electrical service entry, replacing windows and entry doors, providing design services to replace the caulk between the exterior limestone and precast panels, and a valve replacement project to isolate mechanical risers.





WEST VIRGINIA LOTTERY HEADQUARTERS

LOCATION CHARLESTON, WV	SIZE 42,082 SF	COMPLETION 2016	COST \$7.5M
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This project is an extensive renovation of an existing 13-story office building and 7-story parking garage in downtown Charleston, WV.

Renovations within the office building consist of three existing tenant floors, relocation of the fitness center, and replacement of the roof. The WV Division of Insurance is being relocated to floors 7, 8, and 9. Off the renovated elevator lobbies on each floor is a reception area which leads to an interior space of enclosed offices. A tenant space on the sixth floor is being renovated into the new fitness center. Construction on the roof includes the replacement of insulation and membrane and the installation of new roof davits and stainless-steel guardrail.

The parking deck will be undergoing renovation, including structural repairs, electrical upgrades, and an addition to the storage warehouse. It was determined that bearing pads need to be replaced under the framing members, concrete structure and topping slabs needed repair, and spandrel panels required epoxy injection to repair cracking. Driving surfaces are receiving new waterproofing, sealant joint replacement, and restriping. The circulation connector required partial reconstruction of the steel deck and floor slabs. Electrical improvements will consist of new LED lighting and additional pole fixtures on the top level. The storage warehouse is being increased by 1,800 SF and will consist of masonry walls clad in EIFS with a sloped steel-framed roof and single-ply membrane system.





TOYOTA ENGINEERING OFFICE ADDITION

LOCATION BUFFALO, WV	SIZE 13,600 SF	COMPLETION 2018	COST \$4M
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ZMM Architects & Engineers partnered with TERRADON to design a 13,600 SF Engineering Office Addition to an existing production facility.

The project was a collaborative effort with ZMM and TERRADON working closely with the owner's corporate and local team.

Due to the location of the addition near the entry to the complex, the project endeavored to create a contemporary addition to the existing industrial building (a pre-engineered metal structure). The project also intended to compliment the main building administrative structure, which is located across an access road, while providing a secondary entrance for employees.

A steel framed masonry and curtainwall veneer single-story design solution was developed to meet aggressive design, schedule, and budget constraints. In addition to 6,000 SF of engineering office and support spaces, the project houses a clinic, fitness center, breakout (collaboration) spaces, and a safety training center. The exterior design blended seamlessly with the contemporary interior, which incorporated corporate branding and influences of biophilic design, creating an inspiring and healthy place to work.





WEST VIRGINIA HOUSING DEVELOPMENT FUND

LOCATION CHARLESTON, WV	SIZE 36,000 SF	COMPLETION 2011	COST \$8.5M	AWARDS 2012 AIA WV HONOR AWARD
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Offices for the West Virginia Housing Development Fund (WVHDF) were developed in the Kanawha City neighborhood of Charleston on a former Brownfield site.

The building sits on two acres and houses offices for over 100 employees, an educational training room, exercise room, executive library, and boardroom. The result is a unique, contemporary design that differentiates itself from other office buildings. Glass and insulated metal panels surround three sides of the building in a subtle checkerboard pattern. Red brick grounds the educational side in tradition, yet the alternating pattern adds another subtle, modern touch. The signature entry is defined by the two-story, white-brick wall projecting from the primary building envelope. The interior color scheme has punches of color that enhance the employee break room and executive office area.

A primary goal was to create light, bright, and easily accessible spaces. Private offices are located in the center spine, while glass office fronts and doors offer in daylight from exterior glazing. A high ceiling in the open office area maximizes daylight and the interior lighting has solar sensors and automatically dims according to natural light levels. The result of these details is an energy-efficient building that has increased staff well being, a clean, sophisticated design, and is a modern addition to the city streetscape.





CONSTRUCTION & FACILITIES MANAGEMENT OFFICE

LOCATION CHARLESTON, WV	SIZE 19,935 SF	COMPLETION 2008	COST \$3.5M	AWARDS 2009 AIA WV MERIT AWARD
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The Construction and Facilities Management Office (CFMO) Expansion project brought all of the operations of the CFMO together under one roof.

The branches that occupy this facility include the Director of Engineering, Environmental, Planning and Programming, Facility Operations & Maintenance, Business Management, Resource Management, and Design and Construction. This expansion 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.

A transitional space was designed to connect the new structure to the existing facility, 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 expanses of glazing located to capture indirect light and views of Coonskin Park.





INTUIT PROSPERITY HUB

LOCATION BLUEFIELD, WV	SIZE 44,000 SF	COMPLETION 2020	COST \$4.4M
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ZMM worked in collaboration with CBRE, Gensler, the City of Bluefield, and Pray Construction to assist Intuit with the development of its next "Prosperity Hub."

The former First National Bank building was constructed in 1970. The two-story modern building with marble, aluminum, and glass veneer is comprised of two connecting structures and a parking garage. CBRE was responsible for project management, while Gensler was responsible for programming and the tenant fit-up schematic design. ZMM was responsible for core and shell architectural and engineering work, as well as the fit-up portion from design development through completion. ZMM's effort commenced with a facilities assessment to assist with the scope and budget, which determined the condition of the major building systems, and identified immediate and long-term enhancements required.

The intent was to convert the facility into an office space/customer support center with administrative suites, training rooms, and a break space. The upper levels have an open plan for workstations. One of the challenges involved converting this building with varying floor heights into an accessible office, which was met through the use of creative space planning, refurbished elevators, and raised access flooring. The final design provides a contemporary, safe, and healthy work environment that highlights the branding and contemporary finishes desired by Intuit.





GENERAL SERVICE DIVISION SURPLUS PROPERTY

LOCATION DUNBAR, WV	SIZE 19,250 SF	COMPLETION 2016	COST \$4M
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This project consists of a 19,250 SF pre-engineered metal building storage facility that includes 5,000 SF of administrative space.

The property originally had multiple structures that were scattered throughout the site. The layout of the buildings created a variety of issues for Surplus Property, and made it difficult for them to operate efficiently. The new pre-engineered metal building replaced the existing structures, which were located in the floodplain, and addressed several site issues, including proper drainage, traffic flow, and correct floor elevations in regard to current floodplain requirements. Since the existing site contained a large amount of fly ash, ZMM employed a unique approach to constructing the foundation system. Instead of completing a full excavation of the site, ZMM recommended installing the foundations by selectively demolishing the existing pavement to allow for the installation. This improved constructability, and led to an enhanced construction process.

The exterior of the pre-engineered building was designed to reflect the branding of the state agency, and the demolition of the existing structures, along with the new construction, was phased to maintain continuous operation of the facility.



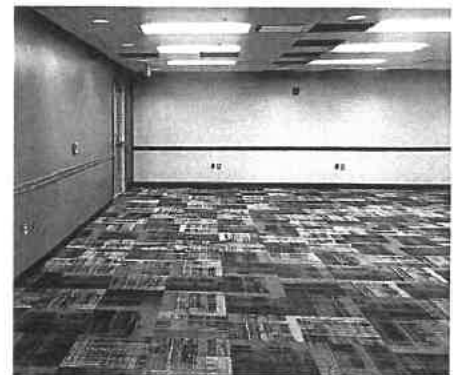


BERKELEY COUNTY AMBULANCE STATION

LOCATION MARTINSBURG, WV	SIZE 9,900 SF	COMPLETION 2019	COST \$2.1M
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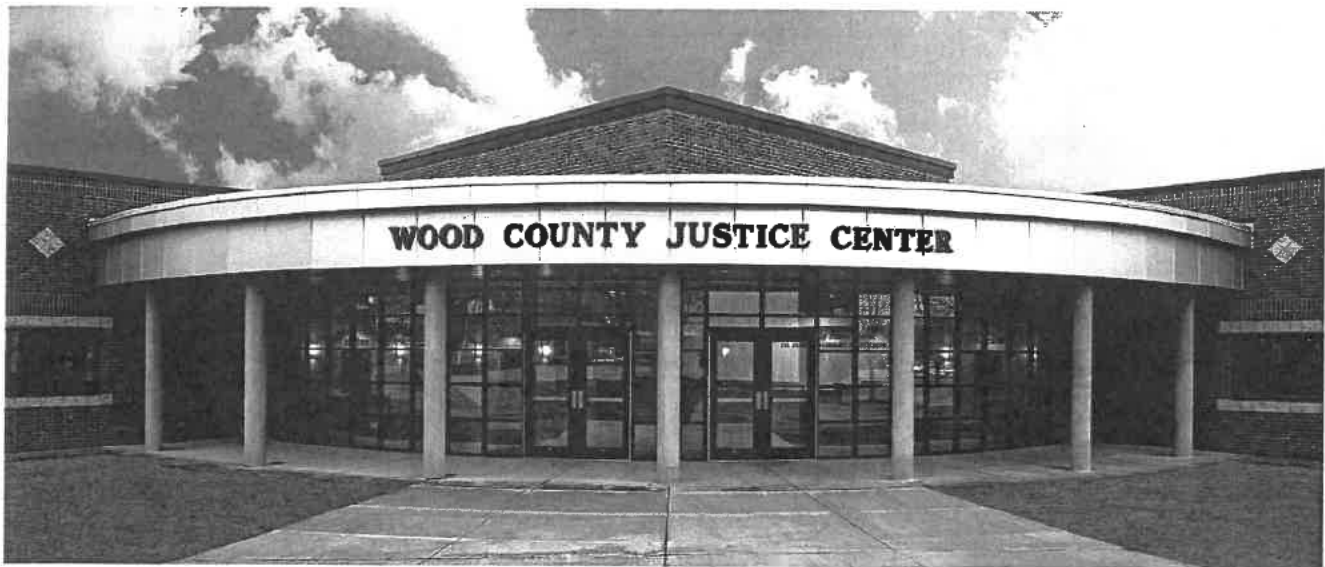
ZMM Architects & Engineers assisted the Berkeley County Emergency Ambulance Authority with the replacement of Station 97.

This facility includes a pedestrian connection to the previous NEREMS building, which contains additional administrative space. The facility includes 6,000 SF of administrative, training, storage, and personnel support spaces. This portion includes offices, bunkrooms, a 1,500 SF multi-purpose training area, testing rooms, oxygen storage, laundry and decontamination spaces, a duty lounge with a kitchen and dining area, bathrooms, locker rooms, and storage space. The remainder of the station consists of 3,000 SF of ambulance bays, including three drive-through bays. The entire facility utilizes a natural gas generator for backup power.



The building design utilizes an efficient (both energy and fiscally) metal stud and pre-engineered truss framing system. The building has a split-face block and metal panel veneer, and utilizes two inches of continuous rigid insulation in addition to high-density batt insulation in the attic and wall framing, to provide a high-performing building envelope that will save the BCEAA future operating funds. The semi-conditioned ambulance bays are constructed of block with spray-foam insulation and a radiant (heated) floor slab. The roofing system consists of architectural shingles. The exterior of the building was designed to respond to the adjacent NEREMS building, as well as other recently constructed facilities in Berkeley County.





WOOD COUNTY JUSTICE CENTER

LEED
CERTIFIED

LOCATION PARKERSBURG, WV	SIZE 32,000 SF	COMPLETION 2011	COST \$5M
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This project was an extensive renovation of a 15-year-old, 32,000 SF, single-story office building located in downtown Parkersburg, West Virginia.

The building was purchased by the Wood County Commission with the purpose of bringing together three government functions that had outgrown the three separate buildings that they occupied.

The renovated building consists of offices and three courtrooms for the county's Magistrate Court system, public service windows for document pickup and payment of fines, offices for the Sheriff's Department and Home Confinement, and a 12-hour inmate holding center.

Due to the building's new use, the interior was completely demolished, leaving only the shell. The building's main entrance was relocated and redesigned to provide a new, more prominent identity to the building and to align with the new parking area created by the demolition of the adjacent existing magistrate court building. The old HVAC system was removed and replaced with a more energy-efficient system and energy-efficient lighting was installed. The project was designed around the U.S. Green Building Council's New Construction and Major Renovation Guidelines and has achieved LEED Certification.





CHARLESTON COLISEUM & CONVENTION CENTER

LEED
SILVER

LOCATION CHARLESTON, WV	SIZE 283,000 SF	COMPLETION 2018	COST \$100M	AWARDS 2019 AIA WV MERIT AWARD, CITATION & PEOPLE'S CHOICE AWARD
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The Charleston Coliseum & Convention Center expansion and renovation was a transformational project for both the city of Charleston and West Virginia.

Our team built on the strong authentic character of Charleston to remake the Charleston Convention Center into a more efficient, sustainable, dynamic, and iconic best-in-class destination.

The design of the expansion and renovation of the Charleston Convention Center was inspired by the story of West Virginia. Defined by a rugged landscape, the early history of the state was dominated by extractive industries: salt, coal, timber, and trapping. This set the local character. Our design started with an organizational concept inspired by this history. The Convention Center has distinct active nodes to celebrate each activity; arena, convention, and banquet. These nodes are connected like the hills and cut-rock faces that are seen throughout the state, as people work to connect to each other through the landscape. The first critical design objective was to create separate entries and identities for the arena and convention center. This allowed for simultaneous events and clarity of use. For the Convention Center to thrive, it needed a real ballroom assembly space. Located overlooking the Elk River, the ballroom pre-function space is the most dramatic feature of the center.





TUCKER COUNTY COURTHOUSE ANNEX

LOCATION PARSONS, WV	SIZE 21,000 SF	COMPLETION 2013	COST \$4M
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The Tucker County Courthouse Annex is a four-story, 21,000 SF building located adjacent to the Tucker County Courthouse in Parsons, WV.

The annex sits on the same lot as the courthouse, with the original jailor's residence between the two. The location of the jailor's residence, which is listed on the National Register of Historic Places, created a challenging dilemma. ZMM explored three options for developing the courthouse annex. The first option anticipated connecting the annex at multiple levels via a connector, although the jailor's residence appeared like a building stuck within a larger complex. ZMM also explored relocating the jailor's residence, an approach that proved not feasible. The solution that was implemented involved adding a separate elevator to the existing courthouse and connecting the entry to the two facilities with an enclosed single-level connector. Offices and courtroom spaces occupy the upper three floors, with enclosed parking on the ground floor.

The architecture of the annex is meant to complement the existing Romanesque and Flemish styles of the courthouse and jailor's residence. The red brick, stone base, brick banding, arched openings, and sloped rooflines help to create a unified feel, while the wall of glass adjacent to the public corridor that overlooks the courthouse brings a touch of modernity to the campus and provides natural light to the interior of the building.





JUDGE DONALD F. BLACK COURTHOUSE ANNEX RENOVATION

LOCATION PARKERSBURG, WV	SIZE 36,828 SF	COMPLETION 2005	COST \$3.5M
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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.





JACKSON COUNTY SHERIFF'S OFFICE

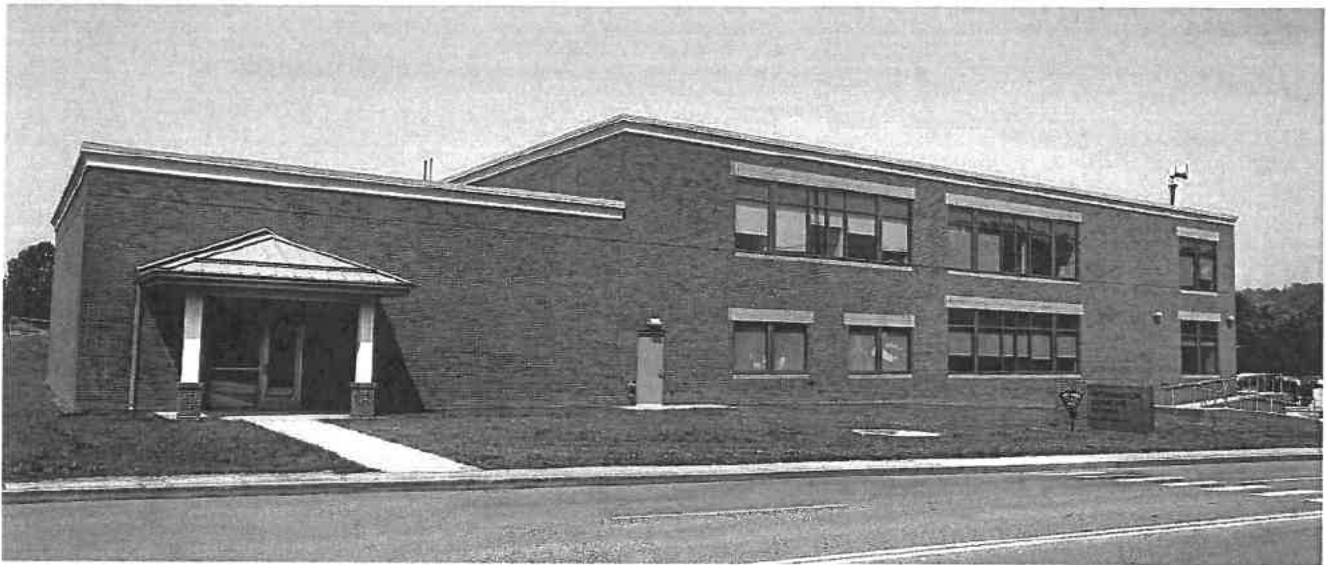
LOCATION RIPLEY, WV	SIZE 5,500 SF	COMPLETION 2015	COST \$1.6M
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The Jackson County Sheriff's Office was outgrowing their current facility, so a vacant lot was acquired adjacent to their existing building, which is located on the courthouse square in Ripley, WV.

The one-story sheriff's office is approximately 5,500 SF. The building functions as a full sheriff's office, as well as containing all home-confinement reporting necessities for the county.

An improved booking area contains two holding cells, a sally port garage space, an interview room, and all crucial processing equipment. The sheriff's office includes a conference room, advanced evidence storage, a work area for the deputies with room to grow, and personal offices for the sheriff, chief, captain, lieutenants, sergeants, and detectives. The public will enter through secured vestibules, while staff will have keycard access at entryways. This state-of-the-art building supports the Jackson County Sheriff's Department to serve the public more efficiently and effectively.





WV STATE POLICE INFORMATION SERVICES CENTER

LOCATION SOUTH CHARLESTON, WV	SIZE 18,000 SF	COMPLETION 2013	COST \$2.5M
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The West Virginia State Police renovated a structure that previously served as the State Medical Examiner's Office, and prior to that, an elementary school.

The building is located adjacent to the state police's main campus in South Charleston, WV. The building underwent extensive renovation to transform it into an Information Services Center. The divisions were previously housed in the main state police headquarters building.

The scope of the work included a complete renovation to the 14,000 SF, two-story main building, along with a new 4,000 SF, one-story addition on the back. The old exterior masonry façade was enveloped with a thin-brick veneer facing Jefferson Road and an exterior insulation and finish system in the rear of the facility. New aluminum windows, high-performance glazing, and new single-ply roof membrane completed the exterior. The interior was converted into professional office space on both floors, to house their Communications Division, Criminal Records Division, and Traffic Records Division. The space was maximized by utilizing the wide corridors as office space and creating new, appropriately-scaled corridors in a loop pattern through the previous classrooms.





CABELL COUNTY TRANSPORTATION COMPLEX

LOCATION HUNTINGTON, WV	SIZE 21,950 SF	COMPLETION 2014	COST \$7.5M
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The Cabell County Transportation Complex is located on the site of the old Cox Landing Junior High School. Challenges on the project involved retrofitting the old school and site to accommodate the new use.

A small portion in the rear of the building was removed, and storage rooms and a link to the new bus maintenance facility were added. The high-bay bus maintenance facility accommodates fourteen buses. This full-service metal garage is outfitted with lifts and all services to make this a state-of-the-art facility. Along with the new service bays the building includes both automatic and manual bus-washing facilities. Site amenities include parking with charging locations for every bus, along with parking for dormant buses on standby. There is also a fueling station for all bus traffic.

The existing school facility was renovated into the transportation administration area, along with conference rooms, driver break rooms, and rest rooms for staff and drivers. The building also plays host to a Staff Development room that is designed with technology and distance learning capability. This will accommodate all bus drivers at one time for training and safety seminars. Principals and teachers throughout the county can also use this for a staff training facility.



Adam R. Krason, AIA, LEED AP, ALEP



Role
Principal

Professional Registrations

Registered Architect (WV, OH, KY, VA, MD, NJ)
LEED Accredited Professional
Accredited Learning Environment Professional
NCARB (██████)
Construction Specifications Institute (CSI)
Construction Documents Technician (CDT)

Mr. Krason has served in the capacity of Architect and Project Manager for a variety of projects at ZMM. This experience includes Military, Educational (K-12 and Higher Education), Office, Justice (Courthouses, Correctional, Justice Centers), and Multi-Unit Residential projects. Mr. Krason's responsibilities include programming, design, documentation, coordination of the architectural and engineering team, as well as construction administration. Mr. Krason began his career in 1998, working on a variety of educational, commercial office, and correctional projects throughout Ohio, West Virginia, and North Carolina.

Mr. Krason has been an advocate of sustainable design in West Virginia, participating in a variety of sustainable design seminars throughout the State, and serving on the West Virginia School Building Authority Green Schools Sub-Committee. Recently, Mr. Krason helped coordinate the "Making the Business Case for Sustainability" conference at the University of Charleston that included speakers from Armstrong Industries, American Electric Power, CB Richard Ellis, and Interface Raise. Mr. Krason also assisted Habitat for Humanity Kanawha and Putnam County develop a commercial recycling program to fill a void in the sustainable design infrastructure in West Virginia. Mr. Krason has noted that, "I became a LEED Accredited Professional because I believe that good design has value, and the ability to impact our daily lives. Sustainable design showcases the value of design through demonstrated improvements in the performance of the students and employees who occupy our buildings." In addition to his design and project management responsibilities, Mr. Krason serves on the Board of Directors and is responsible for business development at ZMM.

Project Experience

Wood County Justice Center, Parkersburg, WV

Mr. Krason was the Project Manager for this adaptive reuse project. The existing 32,000 SF building creates a new

Education

Bachelor of Architecture, The Catholic University of America, 1998

Bachelor of Civil Engineering, The Catholic University of America, 1997

Employment History

2007 - Present, Principal, ZMM
2007 - Present, Board of Directors, ZMM
2003 - Present, Architect, Project Manager, ZMM
1998 - 2003, Architect, Project Manager, Charleston Area Architectural Firm

Civic Affiliations

- WV American Institute of Architects, President
- Habitat for Humanity Kanawha & Putnam County, Board of Directors 2011 - 2014
- WV Qualification Based Selections Council, President, 2012/2013
- Leadership WV 2010 - 2012
- Charleston Rotary
- West Side Main Street, Board of Directors 2008 - 2014
- City of Charleston Land Trust 2008 - 2014

Magistrate Court and Sheriff's Department. The justice center is LEED Silver Certified.

Tucker County Courthouse Annex, Parsons, WV

Mr. Krason was the Project Architect for the courthouse annex addition in Parsons, WV. The Annex is a 4-story, 21,000 Square Foot building that is adjacent to the Tucker County Courthouse. The annex will house spaces for the Circuit Court, Circuit Clerk, Family Court, Magistrate Court, Prosecuting Attorney, County Commission, County Clerk, Community Corrections, and Probation Office.

Charleston Coliseum & Convention Center, Charleston, WV

Mr. Krason served as principal-in-charge of the expansion and renovation to the Charleston Civic Center. The \$75M, 283,000 SF design-build project is being completed as a collaboration with tvsdesign and BBL Carlton. Mr. Krason was responsible for the overall management of the design team, coordination with the client, and also has input critical project management decisions. The design commenced in the spring of 2015, and construction was complete in 2018.

Joint Interagency Training & Education Center (WVARNG), Kingwood, WV Mr. Krason was responsible for the preliminary programming, and participated in the schematic design of the 180,000 SF addition to the Regional Training Institute at Camp Dawson. Mr. Krason was also responsible for managing the production effort for the billeting (hotel) expansion, which increased the total billeting capacity at the JITEC to 600 rooms. This project received LEED Gold Certification.

Morgantown Readiness Center (WVARNG), Morgantown, WV

Mr. Krason was the project architect on the new Morgantown Readiness Center. This facility is a unique due to its location on an abandoned airport runway at the Morgantown Municipal Airport. The 54,000 SF Readiness Center occupies a 35-acre tract at the airport. This center supports traditional military functions including the 1-201st Field Artillery. A significant portion of the Morgantown Readiness Center supports the 249th Army Band. The Readiness Center contains a performance hall, pre-function spaces, as well as a variety of training and rehearsal areas.

Jackson County AFRC (WVARNG), Millwood, WV

Mr. Krason was the principal on the new facility that houses both the West Virginia Army National Guard (WVARNG) and the United States Army Reserves (USAR). The facility also includes an expanded Drill Hall that can serve as a convention and meeting space, which is being funded by the Jackson County Commission, additional federal appropriations, and the State of West Virginia National Guard. A transverse wing on the left houses all functions that have the potential for public use, such as the Drill Hall and the Educational component, while all primary military spaces developed along a similar perpendicular wing on the right. This allows for separate entries to be developed for public functions, while the remainder of the facility can be secured.

Construction and Facilities Management Office Expansion (WVARNG), Charleston, WV

Mr. Krason was responsible for the programming, architectural design, and project management of the office expansion. The project included the renovation and addition to an existing pre-engineered metal building. The design, which was honored with a 2009 AIA Merit Award, focused the client's resources on a new entry and corridor that separated the existing office space from the addition.

State Office Building #5, 10th Floor Renovation (Office of Technology), Charleston, WV

Mr. Krason led an architectural and engineering team that completed a detailed assessment of State Office Buildings 5, 6, & 7. Once the assessment was complete, ZMM had the opportunity to implement the proposed improvements on the 10th Floor of State Office Building #5 for the Office of Technology. The renovations, aiming for LEED-CI Certification, re-oriented the layout by drawing all private offices into the building core, providing access to daylight and views for all employees. The design also utilized acoustical ceiling clouds and bulkheads to maximize the acoustical performance, while also increasing the volume of the space.

Participated on the team that won the following awards and acknowledgements:

2020 WV AIA Merit Award Mountain Valley Elementary School, Green Valley, WV

2019 WV AIA Honor Award Charleston Coliseum & Convention Center, Charleston, WV

2018 WV AIA Citation Award Charleston EDGE, Charleston, WV

Rodney Pauley, AIA



Role
Project Manager

Professional Registrations
Registered Architect (WV)

Mr. Pauley is responsible for overseeing the daily design and production of the building, working in conjunction with in-house architectural, interiors and engineering staff to ensure the building not only meets the program requirements and budget, but meet the long-term needs of the owner. He also works directly with project principals to manage contracts, staffing and project deliverables. Mr. Pauley has a broad knowledge of building materials and services, building codes, and construction techniques, along with extensive experience in architectural detailing.

Mr. Pauley began his career in 1992 with an architectural firm in Atlanta, Georgia, and for the next 12 years rose to the Associate level by designing and managing a wide variety of project types including educational, retail, historic renovation, medical, and entertainment, specializing in office and speculative office design.

From 2005 through 2010, he worked at a number of Atlanta firms designing and managing office, high-rise condominium, and hotel projects. In 2010, Mr. Pauley moved back to Charleston, WV, to take a project management position with ZMM where he supervises the design and production of military, correctional and higher education projects.

Project Experience **KRT Ticket Office, Charleston, WV**

Mr. Pauley is currently the project manager on the design of the new ticket office for Kanawha Valley Regional Transportation Authority (KRT). The new 1,900 SF ticket office will be located in downtown Charleston on Laidley Street. The office will feature a ticket booth area, offices, and restrooms. This project also includes rebuilding the downtown Laidley Street area creating a hub for downtown parking. The parking lot will be concrete paved with new pavers.

WV Lottery Headquarters, Charleston, WV

Mr. Pauley was the project manager and prepared construction documents for renovations to the existing WV Lottery Headquarters complex in Charleston, WV. Renovations to the existing 12-story office building include the demolition and reconstruction of three floors of tenant space and demolition

Education

Bachelor of Architecture, University of Tennessee, 1992

Associate of Science, West Virginia Institute of Technology, 1986

Employment History

2010 - Present, Project Manager, ZMM
2008 - 2010, Project Manager, GA Firm
2006 - 2008, Project Manager, GA Firm
2005 - 2006, Sr. Project Architect, GA Firm
Jan. 2005 - Aug. 2005, Project Architect, VA Firm

Civic Affiliations

- American Institute of Architects, Member

and replacement of the existing roof along with various minor renovations throughout the office tower. The existing 5-story parking deck had extensive structural renovations. Renovations included: replacing bearing pads, patch & repair of concrete members and the addition of waterproofing protection. The existing warehouse under the parking deck was enlarged to provide additional storage space.

WVSOM Tech Building Expansion (Testing Center), Lewisburg, WV

Mr. Pauley is currently the project manager on the design of the new testing center at WVSOM. The new testing center was designed to connect to the Tech Building to the CEC and will accommodate 220 students. The Testing Center does not have exterior windows, features from both buildings including masonry banding and natural stone elements were used to provide human scale, while natural lighting is introduced in the concourse and pre-function space.

Pipestem Resort State Park Lodge, Pipestem, WV

Mr. Pauley is currently the project manager on the renovations to 88 guestrooms on first floor, bathroom expansions on the 7th floor, renovations to the dining area with a bar addition, renovations to all conference rooms, finish renovations in the lobby. ZMM will be replacing the ceilings and lightings in all public spaces and guestroom corridors in the main McKeever lodge building. Mountain creek lodge that sits below McKeever Lodge will receive a new roofing on the guestroom buildings and restroom will be renovated in the main tram building. The newly renovated lodge is set to open this summer 2021.

Morgantown Readiness Center, Morgantown, WV

Mr. Pauley was the project manager for the 58,000 square foot multi-use facility which includes assembly rooms, kitchen and dining facilities, military supply storage as well as locker rooms. The building is also designed to house the 249th Army Band and their associated practice and support spaces. This area is highlighted by a 150-seat auditorium and state-of-the-art main rehearsal stage. This project is aiming for LEED Silver Certification.

Charleston Coliseum & Convention Center, Charleston, WV

Mr. Pauley served as project manager on the expansion and renovation to the Charleston Civic Center. The \$75M, 283,000 SF design-build project was completed as a collaboration with tvsdesign and BBL Carlton. The design commenced in the spring of 2015, and construction was completed in the fall 2018.

Beech Fork State Park, Lavalette, WV (unbuilt)

Mr. Pauley was the project manager for new lodge and conference center at Beech Fork State Park. The facility will include guestrooms and other guest-only facilities in one area and public functions such as the restaurant, lounge, gift shop, and conference rooms in another area. All guestrooms offer a lake view, a 2-story atrium opens up each end of the lobby with curtain-wall glazing, and an indoor pool provides a transparent connection to the outdoors. A high-performance envelope was designed to eliminate thermal bridging and the potential for condensation.

WVU Institute of Technology, Montgomery, WV

Mr. Pauley was the project manager responsible for owner coordination and construction document production for renovations to the Engineering Classroom Building at the WVU Institute of Technology campus in Montgomery, WV. The main project scope included various minor interior renovations to the existing 44,000 SF building in support of the Owner's replacement of the building's two elevators. Coordination was critical between ZMM, WVU, the owner's elevator supplier & installer and the WV Division of Labor.

Valley Health Systems, Wayne, WV

Mr. Pauley was the project manager on the new health clinic in Wayne, WV. ZMM prepared construction documents for a new, one-story medical building operated by Valley Health Systems of Huntington, WV. The building is 15,580SF on a 2-acre site including approximately 100 parking spaces. Valley Health Systems provides primary and preventative care to the medically underserved population of southern West Virginia. The new building will replace an existing undersized facility.

Carly Chapman



Role

Interior Designer

Mrs. Chapman serves as the Interior Designer at ZMM. Mrs. Chapman takes pride in her work's originality and always strives to help the client's vision and intent come alive in the design process. Her experience at ZMM includes Education, Municipal, Residential, Healthcare, and Hospitality projects. In her past position she focused on both Corporate and Healthcare design. Mrs. Chapman's responsibilities include conducting design proposals and presentations, as well as producing design documents and specifications relating to all aspects of interior design.

Mrs. Chapman has served as the interior designer for a variety of projects. Projects range from renovations to new construction and is comprised of every industry. Her responsibilities include design concept, presentation, documentation, specification writing, and architectural drafting.

Relevant Experience

Pipestem Resort State Park Lodge, Pipestem, WV

Mrs. Chapman is currently the interior designer on the renovations to 88 guestrooms on first floor, bathroom expansions on the 7th floor, renovations to the dining area with a bar addition, renovations to all conference rooms, finish selections and renovations in the lobby. ZMM will be replacing the ceilings and lightings in all public spaces and guestroom corridors in the main McKeever lodge building. Mountain creek lodge that sits below McKeever Lodge will receive a new roofing on the guestroom buildings and restroom will be renovated in the main tram building.

Charleston Coliseum & Convention Center, Charleston, WV

Mrs. Chapman assisted in the construction administration and interiors of the expansion and renovation to the Charleston Civic Center. The \$75M, 283,000 SF design-build project is being completed as a collaboration with tvsdesign and BBL Carlton. Construction was complete in October 2018.

Valley Park Community Center, Hurricane, WV

The new community center replaced an existing structure that was recently demolished earlier this year. The new building houses a commercial kitchen, administration wing, ballroom, and a locker room complex with administration quarters for the attached Wave Pool.

Education

Bachelor of Interior Design, University of Charleston, 2012

Employment History

2016 - Present, Interior Designer, ZMM

2012 - 2016, Project Manager/Interior Designer, Contemporary Galleries, Inc.

2010 - 2012, Interior Design Intern, ZMM

Bluefield Primary School, Bluefield, WV

The new school is the result of a consolidation of two local schools in the Bluefield area. The county wanted to bring in architectural elements from both of the former schools. This was accomplished by oval vaulted ceilings and circular windows throughout the building. The school will house Pre-k-2nd grade students. Keeping the Bluefield Beavers in mind, the school colors are found throughout the design with the addition of complimentary colors to create a colorful learning environment for the students. No school can be designed without a little fun in mind... A large dry erase mural spans the length of the media center allowing students to express their imaginations.

Mountain Valley Elementary School, Green Valley, WV

Mountain Valley opened its doors in the fall of 2019. The concept for the school was simple – fundamentals. Primary colors and geometric shapes create a fun and easy way to keep the students engaged and ready to learn, while sticking to the basics. A large wall in the media center allows for quiet areas to study or play with built in casework depicting the word "READ" allowing for shelving and seating within the oversized letters. The scheme continues throughout the school seen in the polished concrete floor pattern and 3D shapes protruding above the main entrance for a guaranteed jaw dropping design.

Ravenswood Middle School, Ravenswood, WV

Ravenswood Middle School is an addition to Ravenswood Highschool. The project allows for both schools to share one cafeteria and improve the exterior of the existing high school with the new entrance of the middle school. The interiors were clean and pattern filled using the school colors, insuring an easy transition from one school to the other.

New River Primary/Oak Hill Middle School, Oak Hill, WV

These schools were designed as separate schools sharing the same site and are connected by a mechanical wing. This building called for a challenging design concept. The schools each had their own unique design theme, but were delicately connected in small aspects of color or architectural techniques, allowing the interiors to flow seamlessly. The PK-2 is community driven in the design. House facades and custom glass adorn the halls drawing the eye to the exposed structure above. The ceilings reflect the sky and are divided by clouds. Collins Middle also was design with the environment in mind. Using biophilic design, wood planked feature walls are found in the entrance corridor and expand to the open structure above.

Williamstown Elementary School, Williamstown, WV

When designing a new school built on tradition, the initial thought of school colors and clean lines comes to mind. This was not the case with the new Williamstown Elementary School. Using the school colors as our basis of design, the county was open to adding complimentary colors to entice the students for a bright and exciting learning environment. Colorful floor pattern adorns the corridors, using the tile for wayfinding and structure for students. In the media center you will find a custom designed tree, dripping in lights mimicking fireflies and a perfect campfire setting for storytelling. The tradition is kept alive with the pops of Maroon and Gold throughout the cafeteria and gym.

Charleston EDGE, Charleston, WV

The Charleston Edge renovation focused on bringing life to an old existing structure in the heart of downtown Charleston. The concept of the design was to create contemporary living quarters for the young urbanites of the city, while also providing a communitive atmosphere by including a rooftop gathering space for locals to enjoy.

Healthcare Experience

Williamson Health and Wellness, Williamson WV

CAMC General Division (C Suite), Charleston, WV

CAMC Memorial Hospital (6th Floor Critical Care Unit), Charleston, WV

CAMC Hurricane Urology Clinic, Hurricane, WV

Rainelle Medical Center, Rainelle, WV

Valley Health, Wayne, WV

Valley Health, Milton, WV

Mountain State Oral Surgeons, Charleston, WV

Robert Doeffinger, PE



Role

Engineering Principal

Professional Registrations

Professional Engineer (WV, VA, PA, OH, TN, KY, NY, NH, ME, NC, SC, FL, NJ, GA)

As ZMM's Principal Engineer, Mr. Doeffinger is in charge of the engineering disciplines, 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.

After graduate school in Architectural Engineering, Mr. Doeffinger joined ZMM. He has over 45 years design experience in mechanical and electrical systems for buildings. He has a broad range of engineering experience in education, industrial and manufacturing facilities, large retail, correctional and jails, office buildings, and military facilities.

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 analysis 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.

Selective Project Experience

Charleston Coliseum & Convention Center, Charleston, WV

Mr. Doeffinger was the mechanical project engineer on the expansion and renovation to the Charleston Civic Center project. The \$100M, 300,000 SF design-build project was a collaboration with tvsdesign and BBL Carlton. The design commenced in the spring of 2015, and construction was completed in October 2018. The mechanical design is expected to reduce the energy requirements defined by ASHRAE 90.1-2013 by an estimated 25% and extensive water savings will be shown. The project includes a new chilled and hot water central plant with extensive replacement and upgrades to the facilities existing mechanical systems. Multiple phases of construction will allow the Civic Center to remain operational throughout the construction progress.

Education

Master of Science Architectural Engineering, The Pennsylvania State University, 1976

Thesis: Air Change Measurements using a Tracer Gas Technique

Bachelor of Science Mechanical Engineering, West Virginia University, 1973

Employment History

2005 - Present, President, ZMM

1983 - 2005, Vice President and Engineering Principal, ZMM

1976 - 1983, Mechanical Engineer

Civic Affiliations

- 2019 Marshall University Honorary Alumni Award of Distinction College of Engineering
- 2021 Industrial and Professional Advisory Council – College of Engineering at The Pennsylvania State University
- ASHRAE – Member of the Technical Committee Load Calculations Data and Procedures for 25 years, serving as chairman. Presently Chairman of the Research Subcommittee
- Advisory Board for the Department of Electrical Engineering Technology, Bridgemont Community and Technical College
- City of Pt. Pleasant, WV – 2nd Ward Councilman for 20 years

State Office Buildings #5, 10th Floor Charleston, WV Mr. Doeffinger was the Project Engineer for this renovation project. The renovation of the tenth floor of State Office Building #5 on the State of West Virginia Capitol Campus was recently completed for the Office of Technology. The renovation was designed to meet the United States Green Building Council's LEED for Commercial Interiors standard. The renovations also include a low profile cable management system which maximizes the flexibility of the space. To commence the project, ZMM conducted a detailed investigation of State Office Buildings 5, 6, & 7, which included recommendations for improvement of the facilities. The renovation of the 10th floor of Building #5 was the first major interior renovation project that responded to the recommendations.

West Virginia Capitol Complex - Buildings #5, 6, & 7, Charleston, WV Mr. Doeffinger was the Project Engineer for the in-depth analysis of Buildings #5, 6, & 7 at the State Capitol Campus. The study included 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 included a study related to potential hazardous materials in the facility.

West Virginia Regional Jails, Mr. Doeffinger was the Project Engineer on ten West Virginia Regional Jails. In 2009 he was responsible for the HVAC renovation on four regional jails, including the replacement of rooftop HVAC units and Building Automation Systems.

West Virginia Army National Guard, Joint Interagency Training & Education Center, Camp Dawson, WV Mr. Doeffinger was responsible for the mechanical engineering design of the 600 room billeting expansion to the Regional Training Institute at Camp Dawson. The project is served by a 4 - pipe hot and chilled water system with an energy recovery ventilation system. This project received LEED Gold Certification.

West Virginia Research, Education, and Technology – Building 704, South Charleston WV Mr. Doeffinger is the engineering principal-in-charge of preparing a life safety analysis of the building as well as design services to improve the exterior façade of Building 704 at the WV Research, Education, and Technology Park. Building 704 had previously been utilized as a campus maintenance facility by Union Carbide and DOW Chemical. Bridgemont began utilizing the facilities for instruction in the Spring of 2011.

West Virginia Regional Technology Park (WVRTP) - Building 740, South Charleston WV Mr. Doeffinger is the engineering principal-in-charge of the new Steam Plant for Building 740. This project involves designing and constructing the Interim Steam Heating System throughout Building 740.

Bridgemont (BridgeValley) Community and Technical College Davis Hall Renovation, Montgomery, WV Mr. Doeffinger led an architectural and engineering investigation into the condition of Davis Hall to help Bridgemont Community and Technical College to develop a scope for the current renovation project, as well as a plan to undertake deferred maintenance at the facility. The project scope included remedying several life safety deficiencies, as well as improvements to the building envelope.

NGK Oxygen Sensor and Spark Plug Plant, Sissonville, WV Mr. Doeffinger was in charge of engineering design of the 250,000 SF NGK facility. The most recent 130,000 SF expansion moved NGK's spark plug production for the west coast to West Virginia. For both the oxygen sensor plant and spark plug plant Mr. Doeffinger designed a cycle water system for the manufacturing equipment.

The Plaza at King of Prussia, Philadelphia, PA One of the largest retail centers in the USA. Mr. Doeffinger has performed engineering services for the past 20 years. The project consists of an 8,000 - ton chilled water plant and 1,500,000 cfm variable volume system for tenants and constant volume air system for common areas and an engineered smoke control system. The most recent project is a 100,000 square foot expansion of tenant spaces, a renovation of the food court, and a 1,250-ton chiller addition to the central chilled water plant.

John Pruett, PE, LEED AP



Role

Senior Mechanical Engineer

Professional Registrations

Professional Engineer (WV, VA, IN)

LEED Accredited Professional

Mr. Pruett is responsible for overseeing the design of the HVAC systems, ensuring that the HVAC systems not only meet the program requirements, but meet the long-term needs of the owner. He performs heating and cooling load calculations and recommends the type of systems to be incorporated into the building. He coordinates with the other disciplines in order to integrate the HVAC systems into the building. Mr. Pruett has participated on several LEED registered projects; one of his key contributions to these projects is conducting energy analyses and recommending energy use reduction alternatives.

Mr. Pruett began his career in engineering with a manufacturing company in 1994. In 1998, he made a career change and joined an engineering consulting firm as an HVAC design engineer. He has a broad range of experience in HVAC systems design, including K-12 schools, higher education facilities, office buildings, libraries, hotels, restaurants, a convention center and several natatoriums. Having served in the Marines for 14 years, Mr. Pruett also led a design team for a "virtual memorial" for the birthplace of the U.S. Marine Corps.

Project Experience

WVARNG Camp Dawson Building
WVARNG Camp Dawson Building 246
WVARNG Camp Dawson Building 301
WVARNG Camp Dawson Mail Facility
WVARNG Marshall County Readiness (Design)
WVARNG Camp Dawson Job Challenge Academy

Wood County Justice Center, Parkersburg, WV Mr. Pruett was responsible for the HVAC systems design for the LEED Silver project comprised of the judicial courts, Sheriff's department and holding cell area. The project utilizes high-efficiency custom air handling units, including an energy recovery unit for the holding cell area, which has helped reduce energy consumption on the project by 18% compared to a baseline analysis.

Tucker County Courthouse Annex, Parsons, WV

Mr. Pruett was the Mechanical Engineer for the Courthouse Annex renovation project and responsible for the HVAC

Education

Bachelor of Science, Purdue
University, West Lafayette, IN, 1993

Employment History

2021 - Present, Board of Directors, ZMM
2010 - Present, Project Engineer, ZMM
2007 - 2009, Sr. Mechanical Engineer, IN
2003 - 2007, Mechanical Engineer, IN
1999-2003, Project Engineer, Fort
Lauderdale, FL

Civic Affiliations

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Member
- United States Marine Corps – 14 Years

systems. The Annex is a 4-story, 21,000 Square Foot building that is adjacent to the Tucker County Courthouse. The annex will house spaces for the Circuit Court, Circuit Clerk, Family Court, Magistrate Court, Prosecuting Attorney, County Commission, County Clerk, Community Corrections, and Probation Office.

Huntington East Middle School, Huntington, WV Mr. Pruett was responsible for the HVAC systems design. This school features numerous sustainable features, including an air monitoring system for verifiable indoor air quality, variable refrigerant flow (VRF) systems for portions of the school that will operate year-round, preheating of the domestic hot water with the heating hot water return. Mr. Pruett also conducted an extensive energy analysis of the building and all of its systems to maximize the effect of each component, resulting in a projected reduction in energy consumption of 32% compared to a baseline analysis.

Edgewood Elementary School, Charleston, WV Mr. Pruett was the mechanical engineer on the new Kanawha County Elementary School on Charleston's West Side and responsible for the HVAC systems design. The school is being designed as a 21st Century Learning Environment, with a focus on integrating technology into the delivery of the curriculum. Instructional areas will be located off of an open 'exploratorium' that is being designed to function like a children's museum, providing a variety of learning opportunities, and flexible educational spaces. The school will also visibly integrate sustainable design principles to serve as a teaching tool for the students.

Cabell County Schools

Barboursville Middle School - Additions and Renovations
Huntington East Middle School
Huntington High School - Controls system replacement for Explorer Academy
Cabell County Bus Garage
Southside Elementary/Huntington Middle School
Huntington High School – Cooling tower replacement
Cabell Midland High School - Cooling tower replacement
Martha Elementary School- Addition
Salt Rock Elementary Renovations
Cabell County Career & Technical Center – HVAC Replacement
Huntington High School Wrestling Room Addition
Milton PK - Additions and Renovations

Fayette County Schools

New River Primary / Oak Hill Middle School
Valley High School - Gym addition
Oak Hill High School – Renovations
Fayetteville PK-8 - Renovations
Midland Trail High School - Renovations
Valley PK-8 - Renovations
Meadow Bridge Elementary - Renovations
Divide Elementary - Additions and Renovations

Putnam County Schools

Hurricane High School - Renovations
Putnam Career & Technical Center – Welding Shop

Valley Health Systems, Wayne, WV

Mr. Pruett was the mechanical engineer on the new health clinic in Wayne, WV. ZMM prepared construction documents for a new, one-story medical building operated by Valley Health Systems of Huntington, WV. The building is 15,580SF on a 2-acre site including approximately 100 parking spaces. Valley Health Systems provides primary and preventative care to the medically underserved population of southern West Virginia. The new building will replace an existing undersized facility.

David Gunnoe, PE, CAP



Role

Electrical Engineer

Professional Registrations

Professional Engineer (WV, MI, VA, TX, MN)
ISA Certified Automation Profession (CPA)

Mr. Gunnoe has over 12 years of experience in power generation, material handling, and petrochemical process control. His technical expertise is in industrial electrical design with particular focus on industrial controls, automation, and instrumentation. He has been involved in every aspect of project completion from pre-planning, frontend design, detailed design, bidding, construction, and inspection all the way to final programming, system tuning, troubleshooting, commissioning, and long-term support.

Mr. Gunnoe now serves as an Electrical Engineer with ZMM and is responsible for all aspects of the electrical design process including interior and exterior lighting, power distribution, lightning protection, network system design, security systems, safety systems and fire alarms, low voltage control and automation systems, and equipment specifications. He also performs electrical inspections and assessments during construction and can consult and participate in troubleshooting efforts to remedy existing electrical issues.

Project Experience

- WV School of Osteopathic Medicine – New Testing Center Expansion, Lewisburg, WV
- WV School of Osteopathic Medicine – Community Health Center, Lewisburg, WV
- Williamson Health and Wellness Clinic, Williamson, WV
- Kanawha County Schools – The New Clendenin Elementary School, Clendenin, WV
- The Keith-Albee Theater Electrical and Life-Safety Upgrades
- Roane-Jackson Technical Center Plumbing and Electrical Renovations

Education

Bachelor of Science in Electrical Engineering, West Virginia University
Institute of Technology, 2009

Employment History

2021 - Present, Electrical Engineer, ZMM
2014 – 2021, Control Systems Engineer, CDI Corporation, Charleston, WV
2012 – 2014, Control Automation Engineer, Nitro, WV
2010 – 2012, Department of Defense, Dalgren, VA
2008 – 2010, American Electric Power, Brilliant, OH

Ronnie L. Burdette, PE



Role

Structural Engineer

Professional Registrations

Professional Engineer (WV)

Mr. Burdette serves as a Structural Engineer at ZMM. His experience he has gained while at ZMM includes Educational (Additions/Renovation to existing structures and Construction of new structures), Municipal (Community Centers), and Residential projects. Mr. Burdette's responsibilities include design and analysis of structural systems and documentation of design results.

Project Experience

Mr. Burdette has served as Structural Engineer on a variety of projects. His responsibilities included analysis and design of multiple building materials (Steel, Timber, & Concrete) and production of structural drawing sets.

New River Primary / Oak Hill Middle School, Oak Hill, WV

This project included two separate projects located on the same site. Both buildings were designed to be ICF and steel construction.

Valley Park Community Center, Hurricane, WV

This new community center replaced an existing one at the Valley Park Wave Pool. It was designed to be constructed from masonry, steel, and timber. The exterior design concept plays off the existing Commons Building which incorporates stone accents, wood siding and multi-sloped roofing around a floor plan that emphasizes the internal components. The Community Center entrance is highlighted by a large, exposed wood truss bearing on tall, battered stone columns. These wood beams are featured at all entrances and carry into the meeting room prefunction to provide a fully-exposed, open wood structure.

Charleston EDGE, Charleston, WV

The Charleston Edge renovation project included many different structural materials. The existing building is brick and masonry construction. Construction plans included the design of a new roof-top addition that was supported by structural steel.

Multiple Residential Renovations and Additions

The majority of residential work in the area consists of timber and masonry construction. Mr. Burdette has been involved in

Education

Bachelor of Science in Civil Engineering, West Virginia University, 2015

Master of Business Administration, University of Charleston (WV), 2016

Employment History

January 2017 – Present, Structural EIT, ZMM

May 2016 – Dec 2016, Civil/Structural EIT, Jacobs Engineering

May 2015 – Dec 2015, Civil/Structural EIT, CDI Corporation

residential projects that range from analysis of a 3-story wooden deck to the design of a new addition to an existing timber and masonry house.

Benjamin S. McMillan, PE, LEED AP



Role
Civil Engineer

Professional Registrations
Professional Engineer (WV, VA, KY)
LEED Accredited Professional

Mr. McMillan has 13 years' experience and knowledge in land development throughout Virginia. Mr. McMillan has experience in creating site plans and producing reports and specifications for institutional, commercial, residential, utility-scale solar, and one utility-scale wind project. Site plan preparations included layout, utility plans, grading, drainage, stormwater management, and erosion and sediment control.

Mr. McMillan also attends meetings, interacts with clients and contractors, performs various construction administration duties, and visits projects throughout the design and construction phases. Additional experience includes:

- Experienced in land development for institutional, multi-family residential, commercial, industrial, and utility-scale solar projects.
- Knowledgeable of all phases of land development from schematic design through project close-out.
- Complied with and obtained approval from many different municipal and state agencies in multiple states.
- Proficient in AutoCAD Civil 3D and familiar with other engineering design programs such as Autodesk Storm & Sanitary Analysis, HydraFLOW, HydroCAD, Flowmaster, and PondPack.
- Coordinated site designs with other design disciplines including Architects, Landscape Architects, Mechanical Engineers, Electrical Engineers, Structural Engineers, and Geotechnical Engineers.

Project Experience

Jackson General Hospital Expansion, Ripley, WV
New River Medical Mall, Fayetteville, WV
Health Right Medical Clinic, Charleston, WV
WV Department of Agriculture Lab Building, Charleston, WV
Salvation Army, Beckley, WV

Education

Bachelor of Science in Civil Engineering, Minor in Public and Urban Affairs, Virginia Polytechnic Institute and State University, Blacksburg, VA, 2007

Employment History

2020 - Present, Civil Engineer, ZMM
2013 - 2020, Senior Project Engineer, Timmons Group, Richmond, VA
2008 - 2013, Civil Engineer, OWPR, Blacksburg, VA
2007 - 2008, Project Engineer, Anderson & Associates, Blacksburg, VA

REFERENCES

Melissa Smith, Executive Director

WV Courthouse Facilities Improvement Authority
2003 Quarrier Street
Charleston, WV 25311
304.558.5435

Dr. David Sovine, Superintendent

Frederick County Public Schools
1415 Amherst Street 1409
Winchester, VA
540.662.3888

Blair Couch, Commissioner

Wood County Commission
No. 1 Court Square – Suite 205
Parkersburg, WV 26101
304.834.0306 Cell

Joel Goughnour, Former County Administrator

Tucker County Commission
211 1st Street – Suite 307
Parsons, WV 26287
Parsons, WV 26287
304.614.6354 Cell

Ben Salango, Commissioner

Kanawha County Commission
409 Virginia Street, E.
Charleston, WV 25301
304.342.0512



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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 1010747

Doc Description: Mountain Transit Authority Upgrade

Reason for Modification:

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2022-03-09	2022-03-31 13:30	CEOI 0805 PTR2200000002	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code:

Vendor Name : ZMM Architects and Engineers

Address : 222 Lee Street, W.

Street :

City : Charleston

State : WV

Country : USA

Zip : 25302

Principal Contact : Adam Krason

Vendor Contact Phone: 304.342.0159

Extension: 234

FOR INFORMATION CONTACT THE BUYER

Jessica L Hovanec
304-558-2314
jessica.l.hovanec@wv.gov

Vendor
Signature X

50676608

DATE 3.28.22

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.



(Name, Title)

Adam Krason, Principal

(Printed Name and Title)

222 Lee Street, W., Charleston, WV 25302

(Address)

(304) 342.0159 (304) 345.8144

(Phone Number) / (Fax Number)

ark@zmm.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

ZMM Architects and Engineers

(Company)



(Authorized Signature) (Representative Name, Title)

Adam Krason, Principal

(Printed Name and Title of Authorized Representative)

March 28, 2022

(Date)

(304) 342.0159 (304) 245.8144

(Phone Number) (Fax Number)

EXPRESSION OF INTEREST
Mountain Transit Authority Upgrade and Expansion

BID FORM #1

BID FORM – SUBMITTED WITH BID

**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract),

ZMM Architects and Engineers (COMPANY NAME) certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),

ZMM Architects and Engineers, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ. ARE APPLICABLE THERETO.



Signature and Title of Authorized Official

EXPRESSION OF INTEREST
Mountain Transit Authority Upgrade and Expansion

BID FORM #2
BID FORM – SUBMITTED WITH BID

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, or the extension, continuation, renewal, amendment, or modification of any Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance.
2. If any funds other than Federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with any application for a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, the undersigned assures that it will complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," Rev. 7-97; and
3. The undersigned understands that the language of this certification shall be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, sub agreements, and contracts under grants, loans (including a line of credit), cooperative agreements, loan guarantees, and loan insurance.

Undersigned understands that this certification is a material representation of fact upon which reliance is placed by the Federal government and that submission of this certification is a prerequisite for providing a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance for a transaction covered by 31 U.S.C. 1352. The undersigned also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The (Vendor, Contractor) ZMM Architects and Engineers, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (Vendor, Contractor) understands and agrees that the provisions of 31 U.S.C. §§ 3801, et seq., apply to this certification and disclosure.

3/28/22

Date



Authorized Signature

Principal

Title

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: ZMM Architects and Engineers

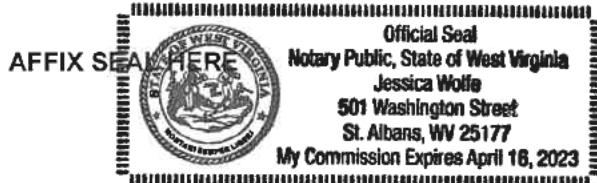
Authorized Signature:  Date: 3/28/22

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 28 day of March, 2022.

My Commission expires April 16, 2023.



NOTARY PUBLIC



Purchasing Affidavit (Revised 01/19/2018)