



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: 948938			Reason for Modification:
Doc Description: Mountain Transit Authority Upgrade and modification			
Proc Type: Central Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-11-18	2021-12-14 13:30	CEOI 0805 PTR2200000001	1

BID RECEIVING LOCATION

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

12/14/21 09:28:13
 WV Purchasing Division

VENDOR

Vendor Customer Code: 206059

Vendor Name: ZMM, Inc. (dba ZMM Architects and Engineers)

Address:

Street: 222 Lee Street, West


City: Charleston

State: WV Country: USA Zip: 25302


Principal Contact: Adam R. 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  FEIN# 55-067-6608 DATE 12-8-2021

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.

 , PRINCIPAL

(Name, Title)
Adam R. Krason, AIA, LEED AP, 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

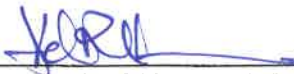
(email address)

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contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated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, Inc. (dba ZMM Architects and Engineers)

(Company)

 ADAM R. KRASON, PRINCIPAL

(Authorized Signature) (Representative Name, Title)

Adam R. Krason, AIA, LEED AP, Principal

(Printed Name and Title of Authorized Representative)

12-8-2021

(Date)

304-342-0159 304-345-8144

(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, Inc. (dba 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),

Adam R. Krason, 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.

 PRINICIPAL
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, Inc. (dba 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.

12-8-2021

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, Inc. (dba ZMM Architects and Engineers)

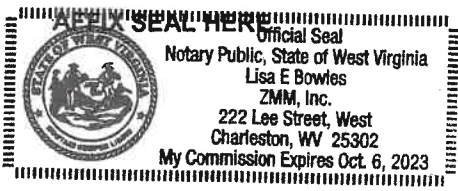
Authorized Signature: [Signature] Date: 12-8-2021

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 8 day of December, 2021.

My Commission expires 10-6, 2023.



NOTARY PUBLIC [Signature]

CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: USI Insurance Services, LLC, 2 22nd Street, Suite 200, Wheeling, WV 26003, 304 232-0600. CONTACT NAME: Kari Leonard, PHONE (A/C, No, Ext): 304-238-5556, FAX (A/C, No):, E-MAIL ADDRESS: kari.leonard@usi.com. INSURER(S) AFFORDING COVERAGE: INSURER A: Travelers Casualty and Surety Company (NAIC # 19038), INSURER B: Continental Casualty Company (20443), INSURER C: Travelers Casualty & Surety Co. of Amer (31194), INSURER D:, INSURER E:, INSURER F:.

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSR, SUBR WVD, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS. Rows include Commercial General Liability, Automobile Liability, Umbrella Liab, Excess Liab, Workers Compensation and Employers' Liability, Professional Liab, and Cyber.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) RE: Project: Centralized Expression of Interest: A/E Services for Mountain Transit Authority Upgrade and Modification. The Workers Compensation policy includes the West Virginia Employers Liability Endorsement for WV Code 23-4-2.

CERTIFICATE HOLDER: State of West Virginia, Department of Administration, Purchasing Division, 2019 Washington Street, E, Charleston, WV 25305-0130. CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE: James P. Crouse.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/03/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Garlow Insurance Agency, Inc. P O Box 5052 Charleston WV 25361		CONTACT NAME: Lora Fields PHONE (A/C, No, Ext): (304)347-8972 E-MAIL ADDRESS: lfields@garlowinsurance.com FAX (A/C, No): (304)347-8973	
INSURED ZMM Inc. dba ZMM Architects and Engineers 222 Lee St W Charleston WV 25302-2225		INSURER(S) AFFORDING COVERAGE INSURER A: Erie Ins Prop & Cas Co INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 26830	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		Y	Q61-0060370	10/23/2021	10/23/2022	EACH OCCURRENCE \$ 2000000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2000000 MED EXP (Any one person) \$ 5000 PERSONAL & ADV INJURY \$ 2000000 GENERAL AGGREGATE \$ 4000000 PRODUCTS - COMP/OP AGG \$ \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			Q02-5130507	02/01/2021	02/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1000000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$			Q34-7370056	10/23/2021	10/23/2022	EACH OCCURRENCE \$ 5000000 AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Centralized Expression of Interest: A/E Services for Mountain Transit Authority Upgrade and Modification. The State of West Virginia is Additional Insured.

CERTIFICATE HOLDER**CANCELLATION**

State of West Virginia
 Department of Administration
 2019 Washington Street E

Charleston

WV 25305

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

This page has been left blank intentionally.



December 13, 2021

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
www.zmm.com

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



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

TABLE OF CONTENTS

Cover Letter
Table of Contents

1. Project Approach and Methodology

2. Firm Profile

- ZMM History and Services
- Awards and Honors
- Relevant Design Experience

3. Qualifications

- Team Resumes

4. Qualifications

- Team Resumes

5. References

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 | SIZE | COMPLETION | COST
WINCHESTER, VA | 52,638 SF | 2013 | \$17M

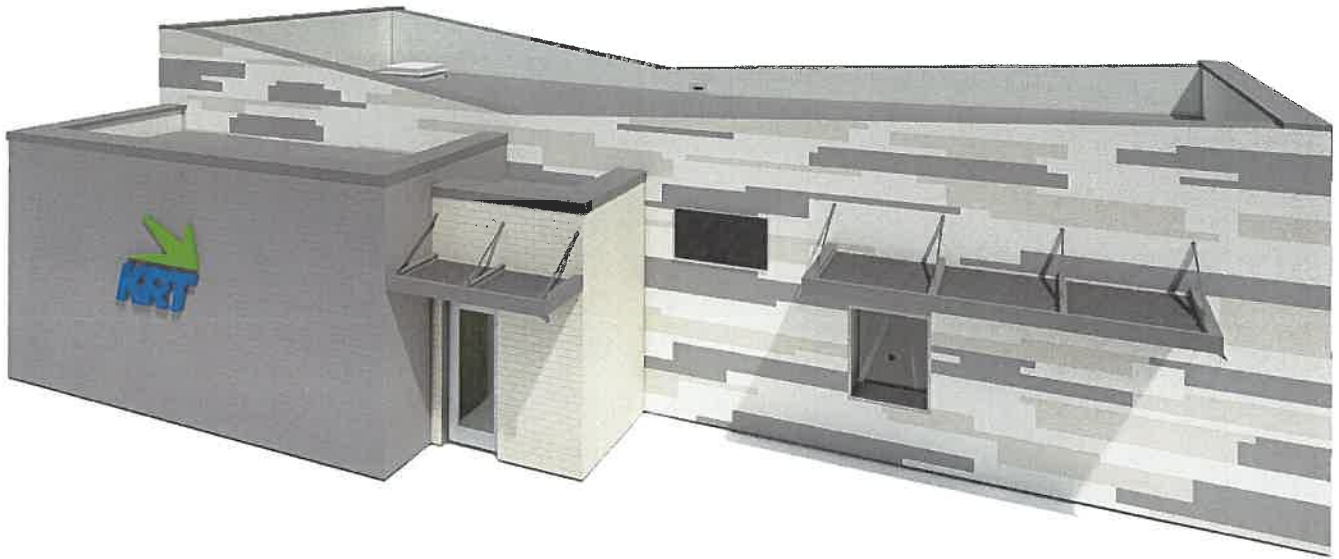
The design of the transportation complex consists of two separate primary buildings: one for administration offices, the other houses vehicle maintenance.

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

AWARDS
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	SIZE	COMPLETION	COST
CHARLESTON, WV	42,082 SF	2016	\$7.5M

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	SIZE	COMPLETION	COST
BUFFALO, WV	13,600 SF	2018	\$4M

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	SIZE	COMPLETION	COST	AWARDS
CHARLESTON, WV	36,000 SF	2011	\$8.5M	2012 AIA WV HONOR AWARD

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	SIZE	COMPLETION	COST	AWARDS
CHARLESTON, WV	19,935 SF	2008	\$3.5M	2009 AIA WV MERIT AWARD

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
---------------------------	-------------------	--------------------	----------------

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
------------------------	-------------------	--------------------	--------------

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

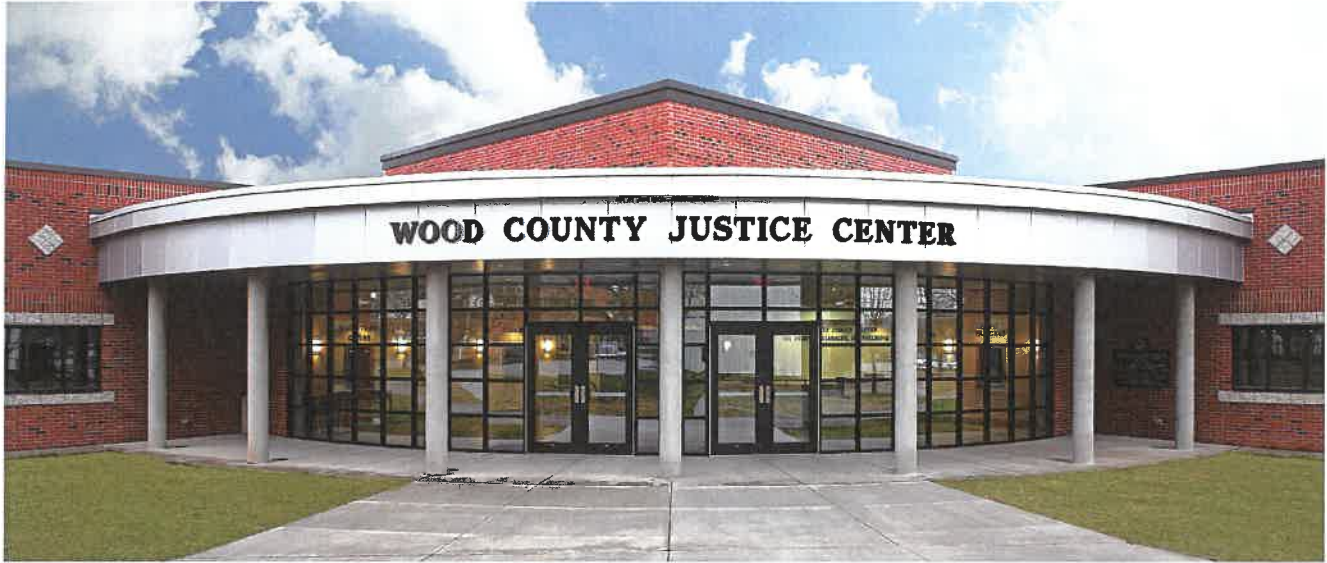
LOCATION MARTINSBURG, WV	SIZE 9,900 SF	COMPLETION 2019	COST \$2.1M
-----------------------------	------------------	--------------------	----------------

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 | SIZE | COMPLETION | COST
PARKERSBURG, WV | 32,000 SF | 2011 | \$5M

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	SIZE	COMPLETION	COST	AWARDS
CHARLESTON, WV	283,000 SF	2018	\$100M	2019 AIA WV MERIT AWARD, CITATION & PEOPLE'S CHOICE AWARD

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
-------------------------	-------------------	--------------------	--------------

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

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	SIZE	COMPLETION	COST
RIPLEY, WV	5,500 SF	2015	\$1.6M

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
----------------------------------	-------------------	--------------------	----------------

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 | SIZE | COMPLETION | COST
HUNTINGTON, WV | 21,950 SF | 2014 | \$7.5M

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.





NICHOLAS CO. HIGH / SUMMERSVILLE MIDDLE / CAREER TECHNICAL CENTER

LOCATION | SIZE | COMPLETION | COST
SUMMERSVILLE, WV | 350,000 SF | TBD | TBD

Nicholas County Schools is currently designing a middle/high/tech center school facility around career academies.

Each academy will have all educational classroom supporting spaces surrounding the lab/demonstration space. Each academy space will be designed with the flexibility to change the spaces as academy programs change.

The two-story facility will be approximately 350,000 SF. It will host a competition swimming pool and a recreation pool area, three gymnasiums, auditorium, two dining areas and all support spaces that will make this facility state of the art. The academies will surround a center courtyard that will play host to support areas for all academies. A skybridge will connect the cafeterias to the career and technical spaces and overlook the courtyard area. The school will be surrounded by athletic fields, including a football stadium with a track and practice field, softball and baseball stadiums, ROTC obstacle course, lineman's course, and all of the supporting facility buildings that enhance the athletic fields.

Potential career academies will include Gaming/Esports, Business, Engineering, Arts/Journalism, Broadcasting, Hospitality, Tourism, JROTC, Social Services/Health, Cosmetology, Pet Grooming, Auto Collision, Welding, Automotive Technology, Power Equipment, Landscaping, and Construction.



Michael J. White, PE



Role

Structural Engineer

Professional Registrations

Professional Engineer (WV, KY, IN, TN, OH, SC)

Mr. White has more than 10 years of Civil/Structural design and engineering experience. Project experience includes new construction and renovation work involving the design and analysis of reinforced concrete, wood, structural steel, masonry and cold formed steel.

Project Experience

New River Primary, Oak Hill, WV
Oak Hill Middle School, Oak Hill, WV
Bluefield Primary School, Bluefield, WV
Williamstown Elementary School, Williamstown, WV
Wood County Technical Center, Parkerburg, WV
Milton PK School, Milton, WV
Midland Trail High School, Hico, WV
CAMC Teays Clinic, Teays Valley, WV
Appalachian Regional Hospitals – DA Tank, Beckley, WV
Appalachian Regional Hospitals Pharmacy, Beckley, WV
Rainelle Medical Center, Rainelle, WV
Valley Health, Milton, WV
Valley Health, Huntington, WV
Mountain State Oral and Facial Surgery, Charleston, WV
Valley Park Community Center, Hurricane, WV
WVDNR Forks of Coal, Alum, WV
Marshall County Readiness Center, Moundsville, WV

Other Jobs from Past Employers:

WVU Parkersburg Center for Early Learning - Parkersburg, WV
WVU Parkersburg Applied Technology Center - Parkersburg, WV
Marsh Fork Elementary School - Naoma, WV
BridgeValley Advanced Technology Center – So. Charleston, WV
New River Community and Technical College Headquarters Building - Beaver, WV
Lewisburg Elementary School - Lewisburg, WV
Rainelle Elementary School - Rainelle, WV
Boone County Honors Academy Addition - Madison, WV
Monongalia County Justice Center - Morgantown, WV
Lewis Co. Judicial Annex - Weston, WV
Charleston Correctional Work Release Center - Charleston, WV
Stevens Correctional Facility - Welch, WV

Education

B.S., Civil Engineering, West Virginia University Institute of Technology, Montgomery, WV, 2006

Employment History

2016 - Present, Structural Engineer, ZMM
2016, Civil/Structural Lead, Jacobs Engineering Group
2013 - 2016, Structural Engineer, Chapman Technical Group
2010 - 2013, Structural Engineer/Project Manager, Moment Engineers
2007 - 2010, Structural Engineer/Project Manager, Advantage Group Engineers, Inc. (Cincinnati, OH)

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

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