



Date: **Omni Project #** **Project Name:**

August 15, 2017 **Proposal**

To:

Dept. of Administration, Purchasing Division

Attn: Crystal Rink

For Your...

Use Approval Record Bid Due _____

The Following ...

Drawings Change Order Specifications
 Contract Application for Payment Electronic Media (Disk/ CD/ Other)
 Shop Drawings Proposal <specify other>

Enclosures

Ref. #	Total Each	Description
1	1	Proposal STF Buildings Camp Dawson EOI Design
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08/15/17 12:49:10
MU Purchasing Division

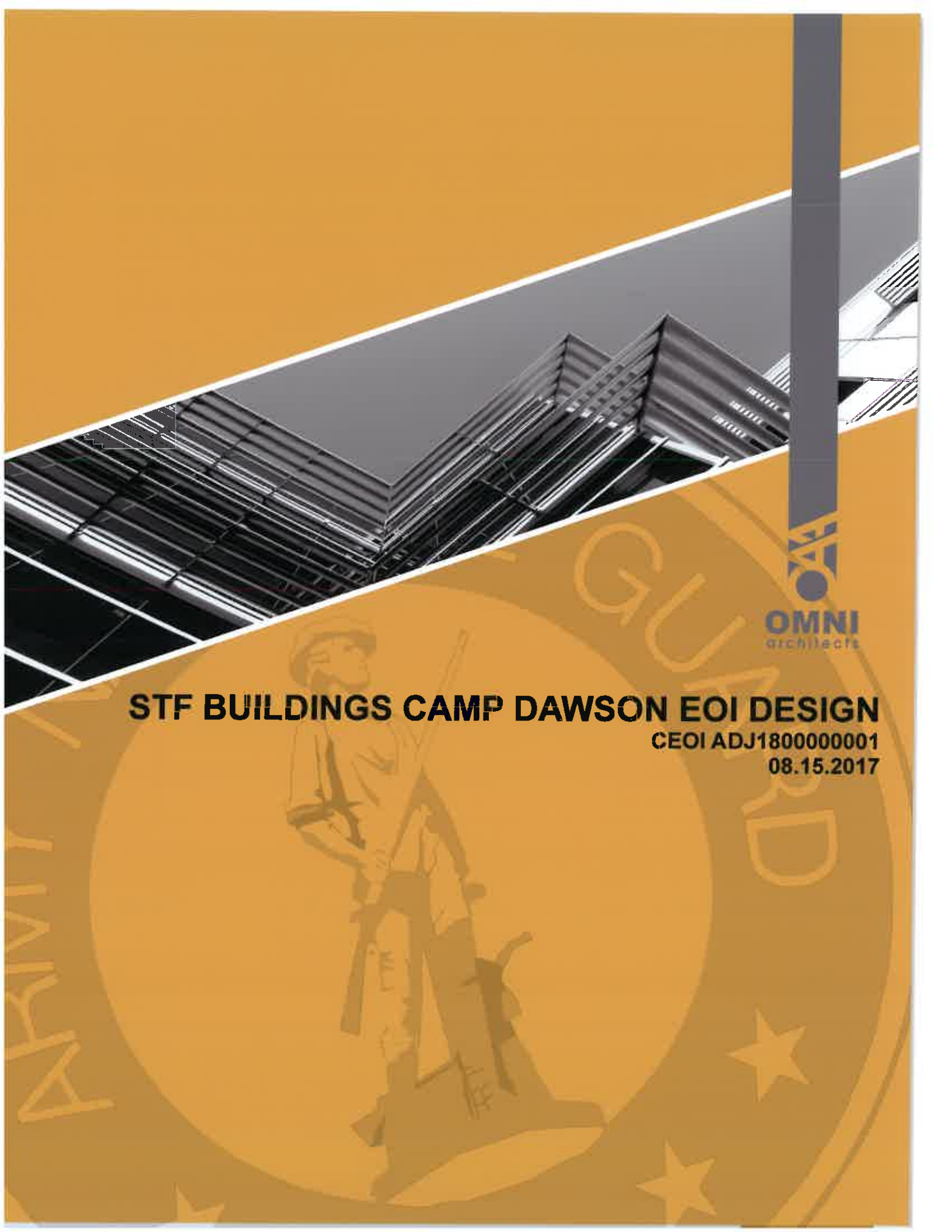
Remarks:

If enclosures are not as noted, please inform us immediately.
Omni Associates – Architects, Inc.
207 Jefferson Street
Fairmont, West Virginia 26554-2175

Issued By:

Shelly McLaughlin-Snider (Voice) 304.367.1417

cc:



FAC

OMNI
architects

STF BUILDINGS CAMP DAWSON EOI DESIGN

CEOI ADJ1800000001

08.15.2017



August 14, 2017

Crystal Rink, Senior Buyer
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

RE: Solicitation No. CEOI ADJ1800000001 (STF Buildings Camp Dawson)

Dear Ms. Rink:

Omni Associates-Architects, Inc. is pleased to submit our Proposal to provide architectural and engineering design services for the construction of two new training buildings for the West Virginia Army National Guard at Camp Dawson in Kingwood, West Virginia.

Our proven team includes **Allegheny Design** and **Terradon Corporation**. Our firms are proud of our long and successful history of project collaboration. Together we possess the dedication, knowledge, and technical expertise to ensure the success of your project, and we are uniquely qualified to offer the following advantages:

- Innovative cost saving design approach to minimize building costs; and
- Energy efficient building systems to minimize operational costs.
-

Omni Associates will serve as the lead firm and coordinator of architectural and engineering services. Our approach to design has allowed us to avoid the confines of specialization and afforded us the opportunity to create a diverse body of work that includes these recent projects for the WVARNG:

- Eleanor Maintenance Facility
- Eleanor Readiness Center
- Fairmont Armed Forces Reserve Center
- Buckhannon Readiness Center

As Omni's Principal-in-Charge, I will guide this team through the design process and serve as the point-of-contact to the West Virginia Army National Guard. Having over 35 years of military experience myself, both on active duty and active Reserves, allows me to be an **extension of the staff with no learning curve** when it comes to understanding the projects needs and requirements.

As a **West Virginia firm** located in Fairmont, Omni understands that our success is based on our commitment to being responsive. We provide clients with the results they value most: innovative designs consistent with the building program, cost effective designs that **meet the budget**, and efficient management to provide **on-time deliverables** and completion.

Thank you for allowing us to present our credentials. We look forward to the opportunity to work with the WVARNG again.

Sincerely,
OMNI ASSOCIATES – ARCHITECTS, INC.


Richard T. Forren, AIA, NCARB
Principal



West Virginia Army National Guard (WVARNG) STF Buildings Camp Dawson EOI Design

Statement of Qualifications

Omni Associates – Architects, Inc.
207 Jefferson Street
Fairmont, West Virginia 26554

Voice.304.367.1417

Facsimile.304.367.1418

Email: info@omniassociates.com

www.omniassociates.com

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Omni Associates—Architects

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Allegheny Design Services

Terradon Corporation

Attachments



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General Qualifications

OMNI ASSOCIATES - ARCHITECTS is an award-winning architectural firm located in Fairmont, West Virginia. Our excellent reputation and superior work product are a direct result of mutual respect and effective communication with our clients and consultants, which enables our staff to provide outstanding architectural and engineering design services for our clients.

Since our inception in 1980, OMNI has earned recognition in the programming, planning, and design of a variety of facility types, including K-12 schools, higher education facilities, office buildings, recreational facilities, religious facilities, health care, military, and multipurpose facilities.

Our approach to design has allowed us to avoid the confines of specialization and afforded us the opportunity to create a diverse body of work. Each project is a unique undertaking that begins with analyzing the needs and desires of the client and interpreting them into a distinctive design that meets specific needs and exceeds expectations.

Omni has a successful history of designing intimately with each client and working out collaborative solutions that meet the goals of the project, resulting in an impressive record of customer satisfaction. We are a proven team that listens, provides professionalism and attention to detail, and produces a quality product. These are qualities that draw our clients back, resulting in lasting relationships. That's why we enjoy a repeat client rate of more than 90% - a source of considerable pride.

Omni Associates – Architects’ design team has developed designs for numerous projects which must comply with State and Federal regulations. Such projects include working with the following Agencies: Federal General Services Administration (GSA); WV General Services Administration; Corps of Engineers; National Guard Bureau; Federal Aviation Administration; Department of the Navy, Federal EDA; WV EDA; HUD, and the WV School Building Authority (SBA).

Our work has involved a variety of funding sources including the WV Development Office – Small Cities Block Grants, State Revolving Fund Loan, Rural Economic and Community Development Administration (Farmers Home Administration), WV Division of Environmental Protection – Construction Grants Branch, US Department of Commerce-Economic Development Administration, Water Development Authority, West Virginia Infrastructure and Jobs Development Council, and Appalachian Regional Commission, either individually or in combination.

Omni Associates provides clients with the results they value most: innovative designs consistent with the building program, cost effective designs which meet the budget, and efficient project management to provide on-time deliverables. We're confident in our expertise, and our clients are confident in our reputation for superior services.



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OWNERSHIP
Professional Corporation

HISTORY
Established in 1980

SENIOR PRINCIPALS

Stephen A. Barnum AIA, NCARB

Richard T. Forren AIA, NCARB

John R. Sausen AIA, NCARB, LEED AP

David A. Stephenson

PRINCIPALS

Edward A. Luthy AIA,

David E. Snider AIA, NCARB

Jason M. Miller AIA, NCARB

Adam L. Rohaly AIA, LEED AP

John I. Rogers, III

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Omni Associates - Architects provides comprehensive, in-depth professional architectural services for new construction, renovation, addition, and adaptive reuse utilizing a variety of delivery methods to best serve our clients' needs.

Design-Bid-Build Delivery Method

Omni has performed private and public projects of every building type using this traditional method of project delivery. We organize your entire project in advance of bidding and work extensively with you to achieve alternates to program goals. Construction documents are prepared and bid to multiple general contractors to achieve competitive pricing. Omni has successfully negotiated with contractors to maintain changes and costs to a minimum and still achieve the initial time schedule.

Omni has also worked on "fast-track" and "multiple-prime" contract projects to achieve an accelerated building construction time schedule. As a variation of the traditional design-bid-build delivery, the negotiated select team approach allows for selection of a contractor early in the design process. We prepare construction drawings in stages and bid these "parts" of the total building program so construction can be ongoing as the next phase is programmed and designed. We have worked with General Contractors, Construction Managers and multiple prime subcontractors to successfully complete this type of project delivery.

Design-Build Delivery Method

More and more owners and developers are seeking a simpler delivery style with a single point of responsibility for both design and construction. Under design-build, a consolidated entity provides both design and construction services to the owner. A single contract is established between the owner and the architect-contractor or design-builder. Omni has experience with both scenarios and has contracted with owners and with general contractors to achieve this streamlined method of project delivery for two West Virginia schools as well as numerous private Owners. Additionally, Principal Architect Richard T. Forren was recently appointed to the West Virginia Design Build Board.

Construction Administration

Omni has worked on projects for only the construction phase of the total building life. This would include projects designed by another firm who needs local supervision or a "pre-designed" project from a national restaurant or store, which requires local implementation. Omni has also performed bank or financing inspections to determine the completion status of the project for periodic applications for payment.



Omni Associates—Architects

- Conceptual Design & Planning
- Master Planning
- Program Development
- Renderings
- Cost Estimation
- Schematic Design
- Design Development
- Construction Document Development
- Bidding & Negotiating
- Construction Administration
- Post-Contract Services
- Facility Management Services
- Feasibility Studies
- Legal Consultation
- Historical Restoration

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Management and Staffing Capabilities

Omni Associates - Architects firmly believes that the best gauge in determining our performance and abilities is the quality of the personnel of which we are comprised. Omni's greatest resource is our professional staff of dedicated, experienced, and creative individuals.

Our skilled team includes **7 registered architects**, intern architects, computer-aided design specialists, an interior designer, and knowledgeable administrative support staff. Their quality, expertise, and dedication integrate to produce the solid foundation upon which Omni has built its reputation.

OMNI organizes its staff into several teams or "studios." A specific project team is established for each commission. Studio resources are combined for larger projects. Younger staff members bring a fresh perspective and gain valuable knowledge under the guidance of more experienced staff. Utilizing this approach, we are able provide the human resources required for all types of projects, including large and complex projects.

The project team, including the principal-in-charge, actively participates in the project from start to finish. The same professionals who develop an understanding of your needs in programming generate design alternatives, oversee the production of construction documents, and implement the concepts during construction. The consistency afforded by this approach is a benefit to OMNI and you.

In reality, the OMNI project team goes beyond our in-house staff. It includes consultants, client representatives, owners, and a construction manager, as required. It is the mutual respect of each team member's skills and perspectives that enables the design process to conclude with a successful project of which we all can be proud.

Throughout our years of experience, we have worked with a variety of consultants specializing in structural engineering, civil engineering, mechanical and electrical engineering, and other disciplines as each project dictated. You can be assured that the consultants we select for your project are selected for their particular and relevant expertise as well as their superior work ethic. In short, we carefully staff the design team, including in-house professionals and outside consultants, with the type of personnel we would want working for us to work for you

Your "Request for Proposal" could not have come at a more opportune time. The majority of our design work is coming to fruition as several major projects have commenced construction. Observing the materialization of a design is immensely satisfying, but our team is eager to begin a new project and would be especially excited to assist the WVARNG with the design and construction of two new training buildings at Camp Dawson.



Omni Associates -Architects, Inc.

Omni Associates has successful project experience throughout the East Coast of the United States. Our architects are licensed in the following states:

- Florida
- Kentucky
- Maryland
- New Jersey
- New York
- North Carolina
- Ohio
- Pennsylvania
- South Carolina
- Virginia
- West Virginia

Firm Memberships:

- American Institute of Architects
- U.S. Green Building Council
- West Virginia High Technology Consortium
- Marion County Chamber of Commerce

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Proposed Staffing Plan

Omni Associates – Architects carefully selects project teams based on each member's ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each client. Our dedicated and experienced staff brings a unique level of ingenuity to every project.

Omni has established a history of successful project completion with the West Virginia Army National Guard that includes these projects:

- Eleanor Maintenance Facility
- Eleanor Readiness Center
- Fairmont Armed Forces Reserve Center
- Buckhannon Readiness Center

Omni Associates – Architects, Inc.

Omni Associates will serve as the lead firm and coordinator of architectural and engineering services. We believe that our approach to design combined with the variety of our work, which includes additions and renovations as well as new facilities, sets us apart as the best qualified architectural firm for your project.

Omni will provide the link to all communications with regard to interdisciplinary reviews, sub-consultant and contractor coordination, and state agency review and inspections, and will act as the control point to ensure that the Owner's goals and requirements are met. This is critical as project goals are typically not fixed but evolve throughout the design and construction process as new information is gained. It further ensures that operation and maintenance issues are incorporated into the design documents.

In order to guarantee a constant level of dedication and commitment, it is Omni's philosophy and practice that a principal remains with the project from commencement to closeout. It is essential that a single individual be intimately involved in every aspect of the process to ensure the client's needs are being met in a timely and cost effect manner *and* that the Contract Documents reflect the intent as well as the content of the design.

Richard T. Forren will serve as Principal-in-Charge for your project. As a Principal-in-Charge and Project Architect, Mr. Forren's primary responsibility is to develop the overall concept of design by performing technical tasks which include: Project space programming; Schematic layout of functional spaces; Aesthetic design and development; Concept and coordination of building systems such as mechanical, electrical, plumbing and fire protection; Preparation of bidding documents and material specifications; Project management and Construction administration. These tasks are performed for a wide range of commercial projects that include master planning, land development, building construction and tenant build-out.



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Mr. Forren has been Project Architect in charge of design and construction for Omni Associates – Architects since 1984. He serves as a Colonel in the United States Army Reserves and is currently assigned to the Fifth United States Army as the Army’s Emergency Preparedness Liaison Officer (EPLO) for West Virginia. This involves working with FEMA, The Office of Emergency Management and the Department of Homeland Security to assist in providing Department of Defense support in the event of a regional or national emergency. Throughout his career in the Army Reserves, while serving with the Corps of Engineers, he has been directly involved with the design & construction of a wide variety of military humanitarian projects in Korea, Germany, El Salvador, and Panama.

Mr. Forren’s public client list includes: West Virginia University, Fairmont State College, West Virginia High Technology Consortium Foundation, United States General Services Administration, West Virginia General Services Administration, City of Fairmont, City of Morgantown, City of Bridgeport and several county Boards of Education. Most recently, Mr. Forren has served as Principal-in-Charge and Project Architect for four major WVARNG projects:

- Eleanor Maintenance Facility
- Eleanor Readiness Center
- Fairmont Armed Forces Reserve Center
- Buckhannon Readiness Center

Jason M. Miller will serve as Project Manager. Mr. Miller is a skilled and knowledgeable Architect and Project Manager who has been involved in many large-scale projects. His work as a project manager includes a Federal GSA building in Charleston, West Virginia and two projects at West Virginia University in Morgantown: the new Child Development Center and a fitout at the Blanchette Rockefeller Neurosciences Institute.

Mr. Miller’s served as Architect and Project Manager for a new WVARNG Readiness Center in Buckhannon, West Virginia. This \$13 Million, 37,000 sf dual-use facility houses three units of the WVARNG as well as a multi-purpose conference center that serves the Guard as well as the public sector of Upshur County. The project was funded by a combination of Federal, State, and local money. Mr. Miller’s duties included architectural design, the production and coordination of drawings, as well as the review of shop drawings, pay-application processing, requests for information, proposal requests, and writing non-compliance reports. With this project, Mr. Miller established a solid working relationship with the West Virginia Army National Guard construction administration personnel.



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Staff Qualifications and Experience

Richard T. Forren AIA, NCARB

PROJECT ASSIGNMENT

Principal-in-Charge
Project Architect

EDUCATION

Master of Architecture
Virginia Polytechnic Institute, 1983

BS, Civil Engineering Technology
Fairmont State College, 1980

REGISTRATION

American Institute of Architects, Member
American Institute of Architects—West Virginia, Member
NCARB: National Council of Architectural Registration Boards
U.S. Green Building Council, Firm Membership
Associated Builders and Contractors Inc., Firm Membership
International Association of Emergency Managers, Member
Registered in West Virginia, Pennsylvania, Ohio, Kentucky, Florida,
and New Jersey

GENERAL EXPERIENCE

- Project Architect in charge of design and construction for Omni Associates - Architects since 1984.
- Responsible for coordinating and designing all aspects of a project from programming through construction administration and project close-out.
- Previously employed by Robert J. Bennett AIA & Associates, Morgantown, West Virginia 1983 to 1984.

RELATED EXPERIENCE

- West Virginia Board of Architects, President
- West Virginia Design-Build Board
- Retired Colonel in the United States Army Reserves most recently assigned to the Fifth United States Army as the Army's Emergency Preparedness Liaison Officer (EPLO) for West Virginia.
- Bridgeport City Planning Commission
- City of Bridgeport Emergency Services Council
- Member of the Faculty Advisory Committee for Civil Engineering Technology and Architectural Engineering Technology, Fairmont State College, Fairmont, West Virginia

Select Project Experience

West Virginia Army National Guard
Buckhannon, WV

Armed Forces Readiness Center
Fairmont, WV

Armed Forces Readiness Center
Eleanor, WV

Maintenance Facility
Armed Forces Readiness Center
Access Road & Guard House

Mon Power Regional Headquarters
Fairmont, WV

West Virginia High Technology Consortium,
Fairmont, WV

5000 NASA Boulevard
Allan B. Mollohan Innovation & Incubator
Center

City of Fairmont, West Virginia
Municipal Building
Public Safety Building

General Services Administration
State of West Virginia New Office Building
Fairmont, WV

Federal Building Renovations
Wheeling, WV
Martinsburg, WV
Huntington, WV
Beckley, WV

Harrison County Schools, WV
Simpson Elementary School Renovations
Lincoln Middle School
Lumberport Elementary School

Pendleton County Schools, WV
Franklin Elementary School

Marion County Schools, WV
West Fairmont Middle School
Fairmont Sr. High School Cafeteria

Fairmont State University
Fairmont, WV

Wallman Hall Renovations
Engineering Tech Addition and Renovations
Library Addition & Renovation
Feaster Center Addition & Renovation
Colebank Hall Renovation
Inner Campus Renovation
New Education and Health Sciences Bldg
Robert C. Byrd Aerospace Center

Canaan Valley Institute Headquarters
Davis, WV

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Jason M. Miller AIA, NCARB

PROJECT ASSIGNMENT

Project Architect
Project Manager

EDUCATION

Master of Architecture
Virginia Polytechnic Institute, 2004

REGISTRATION / PROFESSIONAL AFFILIATIONS

American Institute of Architects, Member
American Institute of Architects—West Virginia, Member
National Council Architectural Registration Board
U.S. Green Building Council, Firm Membership
Associated Builders and Contractors Inc., Firm Membership

EXPERIENCE

- Joined Omni Associates in 2007.
- Became a Principal Architect in 2015
- Seven years experience as an intern architect with comprehensive knowledge of project management from programming through construction administration.
- Architectural practice has included diverse project types including educational facilities, government and military facilities, office buildings, health care facilities, commercial design, multifamily and single-family housing, and custom fabrication.

RELATED EXPERIENCE

- Leadership Marion XXX (2011—2012)
- Adjunct Professor at Fairmont State University teaching Advanced Architectural CAD as well as Design classes.
- Board of Directors of Monongalia Arts Center
- Worked with Habitat for Humanity of Morgantown to develop potential low income housing strategies.
- Awarded Outstanding Thesis Award of 2004 from Virginia Tech faculty.

Select Project Experience

- West Virginia Army National Guard
Armed Forces Readiness Center
Buckhannon, WV
- Charleston Professional Building
Federal GSA Building
Charleston, WV
- West Virginia University Blanchette
Rockefeller Neurosciences Institute
Morgantown, WV
- West Virginia University Child
Development Center
Morgantown, WV
- Morgantown Utility Board
Renovations
Morgantown, WV
- West Virginia High Technology
Consortium
NASA and National White Collar
Crime Fit Outs at 5000 NASA
Boulevard
Fairmont, WV
- University Health Associates
MRI Addition
Morgantown, WV
- Sundale Palliative Care Center
Addition
Morgantown, WV





Technical Expertise

BIM: Building Information Modeling

Omni is committed to continually upgrading existing technology and driving the evolution of design tools. This commitment springs from the firm belief that the responsible use of technology facilitates innovative design, results in economic benefits for our clients, and assists in efficient communication with clients and consultants.

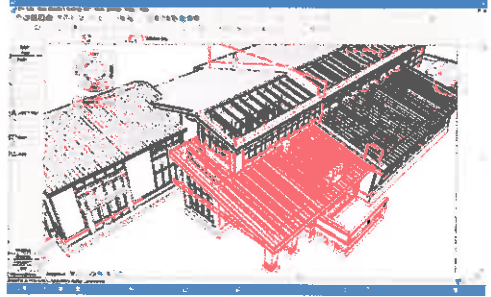
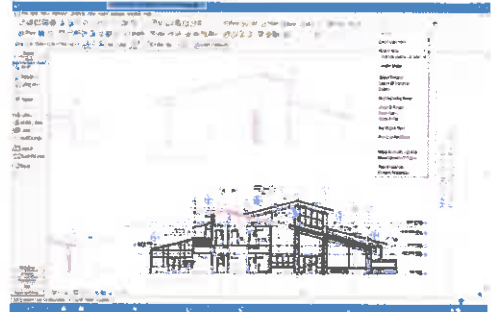
In 2006, Omni Associates began the transition from traditional CAD software to Autodesk® Revit® Building Information Modeling (BIM). We immediately recognized the basic benefits to both designers and owners: more efficient, cost-effective project delivery and an accurate building model that can later assist in energy analysis and building management.

Omni implemented the use of BIM as our primary software platform for all projects in 2006. In utilizing BIM, we discovered the real depth of its value:

- With a virtual model of the building, clients can clearly see the design intent as the project progresses and design options can be explored with greater ease than ever before.
- Sharing the model among all disciplines as the design progresses allows early input from all of the design professionals involved, resulting in efficient designs.
- Creating a building in the virtual world before constructing it in the "real" world allows the design team to anticipate conflicts and objections before they arise, eliminating many issues which could result in project change orders or Requests For Information from the contractor.

Omni is proud to show that we don't just use Revit software, but we are adept at using it and can provide skilled support as needed. Omni staff member Reuben Losh is now an Autodesk Revit Architecture 2011 Certified Associate. Mr. Losh plans to test soon for the next level of certification, Autodesk Revit Architecture 2011 Certified Professional.

Obviously, using the latest computer software does not guarantee good design. Good design is built upon having a complete understanding of the client's needs and the knowledge & experience to create a space which addresses those needs in an elegant and practical manner. We see BIM as an advanced tool in making that goal a reality for each project that we undertake.



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Electronic Submission of Project Documents

Since 2007, Omni has utilized a web-based solution for secure file storage and project team collaboration. The site employs a simple and intuitive interface, similar to social networking sites, that is much easier to navigate than an FTP site. This encourages communication among team members while leveraging the security of data encryption and controlled access.

This tool supports building information modeling (BIM) workflows and can be used throughout all phases of a project for such tasks as file storage, RFI and Shop Drawing management, and project milestone tracking. Since these processes are electronic, the time it would take to mail or fax documents is eliminated and project information is centralized. Project information is hosted on secure third-party servers, which means that it is available to team members from wherever they have internet access. The Owner and Architect work together to determine to whom and to what extent site access is given.



Case Study

Prior to its merger with First Energy, Allegheny Energy selected Omni Associates – Architects via a competitive selection process to provide all Architectural and Engineering services for its new transmission operations headquarters in Fairmont, West Virginia. Close communication was a critical part of this fast-track project with an aggressive design and construction schedule. Midway through the design process, the design team learned that the specialized technology for the building had advanced, prompting quick redesign work. The necessary changes could have greatly slowed progress, but because the design team was already utilizing collaborative tools such as building information modeling (BIM), electronic submission of project documents, and virtual meetings, impact on the project timeline was minimal.

Time and Budget

Omni has always provided timely performance on many aggressive schedules as well as funding constraints. We have successfully negotiated with contractors to keep change orders and costs at a minimum and achieve the initial time schedule.

All of our clients, whether public or private, are constrained by tight, fixed budgets, vulnerable to escalating construction costs and restricted by challenging schedules. Successful value engineering does not occur at the end of the project, but is integrated throughout the design phases. We avoid change orders during construction by value engineering from the inception of the project to make sure that our client's expectations are met and that budget, program and design are all reconciled with one another. Our team will employ flexible cost management techniques that include five essential components:

- Continuous value engineering in each stage of design and beginning with the earliest phases of planning.
- Preparation of formal independent construction cost estimates prepared by a professional estimator and/or by a construction manager.
- Reconciliation of design, program and budget based on the estimates before proceeding to the next project phase.
- Quality control and coordination of architecture with engineering and other disciplines to reduce the amount of changes required during construction.
- Application of appropriate contingences and allowances during design to facilitate design evolution with each phase and in construction to cover inevitable unforeseen circumstances.

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Cost Estimating

We take pride in our approach to solving our client's aesthetic goals while meeting budgetary constraints. Omni utilizes several methods of cost estimating to provide reliable cost of construction estimates for various construction types.

- Historical data from previous projects
- Construction-estimating periodicals such as *Means Square Foot Costs*
- Consultation with leading construction firms in the project region
- Professional cost estimators who evaluate a set of specifications and/or progress prints provided by our firm to determine estimated construction costs based on the project's specific location. For this project, cost estimation will be performed by **Blundall Associates**, a construction cost consulting firm with whom we've established a very successful working relationship over the past few years.



The combination of these resources provides reliable costs of construction for various building types.

<u>Project</u>	<u>Budget</u>	<u>Bid</u>
WV Army National Guard Armed Forces Readiness Center Fairmont, WV	\$23,210,000.00	\$22,800,000.00
Lumberport Elementary School Harrison County, WV	\$10,000,000.00	\$8,600,000.00
Mon Power Regional Headquarters Fairmont, WV	\$35,000,000.00	\$33,000,000.00
Canaan Valley Institute Headquarters Davis, WV	\$5,900,000.00	\$5,154,000.00
WVU Child Learning Center Morgantown, WV	\$5,700,000.00	\$5,485,000.00
WV High Technology Consortium 5000 NASA Boulevard Fairmont, WV	\$18,339,281.00	\$16,331,589.91
WVU Hospitals North and Northeast Towers Morgantown, WV	\$36,000,000.00	\$35,000,000.00

Occupancy, Commissioning, Permits and Plan Approvals

West Virginia codes have a major influence on the design of any building. A good working relationship with local and state building agencies is critical for a successful project. Omni has extensive experience with code compliance and we have enjoyed an exceptionally compatible working relationship with The West Virginia State Fire Marshal's office for over 30 years. Omni has made it a practice to have face-to-face reviews with the WVSFM, which provide valuable feedback and result in many hours saved during design and production.

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LEED™ (Leadership in Energy and Environmental Design)

The LEED Green Building Rating System provides standards for environmentally sustainable construction. LEED Accredited Professionals demonstrate a thorough understanding of green building practices and principles and familiarity with LEED requirements, resources, and processes. Omni Associates currently has three LEED Accredited Professionals and one LEED Green Associate on staff.

A new headquarters for Canaan Valley Institute (CVI) in Davis, West Virginia completed construction in 2010. In accordance with CVI's mission, the Omni design team planned a "green" building that demonstrates environmentally friendly systems to visitors. The team utilized a number of "green" technologies and achieved its goal of LEED Silver certification.

Omni was also the Architect for the Mon Power Regional Headquarters in Fairmont, West Virginia. Completed in 2011, this project also incorporated LEED design features and is LEED Certified.

Recently Certified:

- Charleston Professional Building—LEED Silver

Current LEED Projects:

- WVARNG Fairmont Armed Forces Readiness Center—Following LEED standards but will "self-certify".
- GSA Fairmont Office Complex—Seeking Gold certification under LEEDv3
- WVARNG Buckhannon Armed Forces Readiness Center—Seeking Silver certification under LEEDv3



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References

Omni Associates realizes that our relationships with our clients are a vital component in the success of realizing their goals and needs. We encourage you to contact any of the following references in assisting you with your selection of a professional architectural firm.

Bob Krause, Architecture & Engineering
State of West Virginia
1900 Kanawha Blvd. East
Bldg. 1, Room MB-60
Charleston, WV 25305
304-957-7143

COL David P. Shafer
West Virginia Army National Guard
1705 Coonskin Drive
Charleston, WV 25311-1085
304-541-6539

Dr. Mark A. Manchin, Superintendent
Harrison County Schools
408 E.B. Saunders Way
Clarksburg, WV 26554
304-326-7345

Joseph Johnson, Development Manager
Horizon Properties
375 Southpointe Blvd., Suite 410
Canonsburg, PA 15317
724-743-7722

Johan Graham, Director of Development
AU Associates
159 Old Georgetown Street
Lexington, KY 40508
859-233-2009

Dale Miller, President
West Virginia Radio
260 Spruce Street
Morgantown, WV 26505
304-296-0029

"In appreciation of all of your hard work, dedication, and technical support to the Eleanor Maintenance Complex, West Virginia Army National Guard. Your expertise has helped create one of the finest Maintenance Shops in the United States."

**Robert D. Davis, CPT, OD,
WVARNG CSMS Superintendent
Warren T. Huxley, LTC, EN,
WVARNG,
Surface Maintenance Manager**

"Omni has been an integral part of this entire process. The architects worked quickly to assess our needs and develop the frame work for this building and worked closely with us to ensure the final product would be efficient as well as beautiful. The team environment encouraged a collaborative effort to meet our specific needs."

**Linda Moss
Director, Ops Support
and Project Manager
First Energy**

"...this (West Virginia High Technology Consortium) is indeed an important economic development project for West Virginia, and I wish to thank Omni Associates for the predominant role that they played in making this endeavor, as well as many other significant projects across the state, a reality..."

**Robert C. Byrd
United States Senate**

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Scan the 2-D code with your smart-phone for additional information about OMNI.



buckhannon readiness center
buckhannon, west virginia
\$13.2 million
37,000 square feet



West Virginia Army National Guard Buckhannon Readiness Center



about ...

The Buckhannon Army National Guard Readiness Center is a dual-use building funded by a combination of Federal, State, and local money. The 37,000 sf facility houses three units of the West Virginia Army National Guard (WVARNG) and serves the public sector of Upshur County with a multi-purpose conference center. These dual purposes are reflected in the basic design.



The two functional areas are located in separate wings spanning east and west from the main lobby entrance with clear distinctions between public and private spaces. The west wing is a public conference center, which, through the use of operable partitions, can be configured any number of ways to allow for educational, business, community, and private events. The two-story east wing houses the WVARNG units. It includes office space, a classroom, storage, sleeping rooms, fitness room, and locker rooms.

This project was designed and constructed to achieve LEED® Silver certification. Cost effective energy conserving features include energy management control systems and high efficiency motors, lighting, and HVAC systems.



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Fairmont readiness center
west virginia army national guard
fairmont, west virginia

\$25 million
91,500 square feet



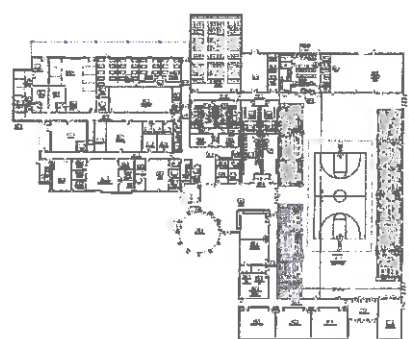
West Virginia Army National Guard (WVARNG) Fairmont Readiness Center

about...

The specially designed AFRC is permanent masonry type construction with standing seam roof, concrete floors, and mechanical and electrical equipments with emergency power generator backup. This 150 member training facility includes administrative, educational, assembly, library, learning center, vault, weapons simulator and physical fitness areas for one each WVARNG and USAR units. The maintenance shop provides work bays and maintenance administrative support. The project provided for adequate parking space for all military and privately owned vehicles.

This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123.

Supporting facilities include weapons cleaning, maintenance, issue, turn-in sheds, access roads, security fencing and dark motor pool lighting, vehicle wash system and pump house, fuel storage and dispensing systems, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of gas, electric, sewer, water and communication utilities to the building site is included. Physical security measures include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, beams, heavy landscaping and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features are incorporated into design.



Contact:
COL David Shaffer, CFMO
1707 Coonskin Drive
Charleston, WV 25311
304-541-6539

www.omni41.com

eleanor readiness center
eleanor, west virginia
83,900 square feet



**West Virginia Army National Guard (WVARNG)
Eleanor Readiness Center**



a b o u t . . .

The Armory facility in Eleanor, West Virginia is a single-story, brick masonry and steel structure located adjacent to the Maintenance Facility. The orientation of the building takes advantage of views of the wetland area and the Kanawha River. The Armory houses units of the state Army National Guard and one unit of the Navy.

The plan configuration is a result of meetings with each of the units and commanders, and consolidates areas under the responsibility of individual units to minimize travel. The separation of public versus unit specific spaces is dictated by the need for logical and efficient circulation as well as the direct relationship of spaces within those areas.

The location of the Assembly Hall is central to all spaces and adjacent to the main entrance due to its use for public and military functions. The hall is utilized by the military for drill training and dining, and by the public for gatherings such as banquets and dances. The Kitchen is located adjacent to the Assembly Hall to expedite meals to both civilians and the military. The Maintenance Work Bays and AFIST bay are located at the rear of the building for accessibility of military vehicles, as well as shielding the function of the areas from the entrance and the public. The AFIST bay is located adjacent to the Assembly Hall for the purpose of large group instruction within the hall and individual instruction within the bay area.

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www.omni411.com



eleanor maintenance facility

west virginia army national guard
eleanor, west virginia
132,000 square feet



West Virginia Army National Guard (WVARNG) Eleanor Maintenance Facility

a b o u t . . .

The Eleanor Maintenance Complex in Eleanor, WV is a 132,000 square foot state-of-the-art repair and maintenance facility for the West Virginia Army National Guard (WVARNG). This specially designed Army "Combined Logistic Support Facility" houses the Combined Support Maintenance Shop (CSMS), an Organizational Maintenance Shop (OMS) and United States Property and Fiscal Office (USPFO) parts storage warehouse.

The design of the facility is based upon the functional concept of a straightforward flow in and around the facility. This focuses on a logical and efficient flow of work for the maintenance and repair of vehicles as well as the progression of compo-

nents parts from delivery to installation. This flow also required controlling the movement of vehicles themselves as all vehicles arriving and leaving the complex are required to undergo pre and post inspections.

The facility provides a full range of maintenance support for all WVARNG military vehicles throughout the state. It includes 28 maintenance work bays with overhead bridge cranes, an engine rebuild shop, a body shop with blast and paint booths, a carpentry shop, a machine shop, a canvas shop, a small arms repair shop and an electrical / communications repair shop. The facility also has specialized testing capabilities in the form of an engine and transmission dynamometer.

These capabilities truly make the Eleanor Maintenance Complex a state-of-the-art facility for the West Virginia Army National Guard.



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associates—architects



WV State Police Detachment

about...

Omni Associates has been selected to design a new headquarters and detachment for the West Virginia State Police. Located in Fairmont adjacent to the National Guard Armory, the former "Coke Works" site was subject to environmental remediation through the corrective actions of ExxonMobil, The US EPA, and the WVDEP.

The project consists of a 15,000 sf single story office building, a 4,400 sf, five-bay, pre-engineered garage, a communications tower, and a fuel pump. The main building will be constructed of brick masonry of contrasting colors. It includes a sallyport, processing area, interview room with observation room, evidence room, squad room, radio dispatch room and shop, as well as offices, a conference room, and a kitchen. Other amenities include a workout room and bunk rooms.

The garage will be constructed of a combination of brick masonry and insulated metal panels. Garage bays are separately designated for radio repair and vehicle maintenance as well as a wash bay. The building also includes two offices and a restroom, and a mezzanine level

The facility will be constructed to the standards set forth in the WV Department of Administration Building Requirements, Version 081315.

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West Virginia State Office Complex
Fairmont, West Virginia

Contact
Mr. Robert P. Krause, PE, AIA
WV General Services Division
1900 Kanawha Blvd. East
Building 1 Room MB-60
Charleston, WV 25305
304-553-9018



West Virginia State Office Complex

about...

Omni Associates—Architects was selected by the West Virginia General Services Division to provide full architectural and engineering services for a new state office building located in downtown Fairmont.

It was important that the new building fit within the context of the downtown area's historical buildings while reflecting an era of progress and new growth. To that end, the building's exterior features traditional brick and cast stone masonry integrated with insulated formed metal panels and an aluminum curtainwall.

The building will be occupied by eight state agencies and include offices for the Secretary of State. Programming services included interviews of the individual agencies to determine the specific requirements of each. Interior fitouts include a variety of user-specific spaces including training rooms, interview rooms, waiting areas, individual offices, large open offices, break rooms, and kitchenettes.

Omni also provided all necessary surveying of the site, and all existing infrastructure systems and material to determine appropriateness for construction. Pre-construction services also included the verification, coordination, and documentation of extensions, tie-ins, and relocations of all utilities as well as an extensive demolition package released prior to the new construction package.

In addition to compliance with all applicable local, State, and Federal regulations as well as ADA requirements, the Owner requested that the building be designed with the goal of achieving LEED™ Silver certification. Current calculations suggest the project could achieve LEED Gold.



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ENGINEERING FOR
STRUCTURAL SYSTEMS
MECHANICAL SYSTEMS
ELECTRICAL SYSTEMS
FORENSIC INVESTIGATION

Overview

Allegheny Design Services (ADS) is a consulting engineering firm specializing in structural and MEP building design and building analysis. Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full service engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration. We currently hold licenses in West Virginia, Pennsylvania, Maryland, Virginia, District of Columbia, North Carolina, South Carolina, Ohio, Florida, Tennessee, Indiana, Kentucky, Alabama, Nebraska, California, Georgia, Illinois, Louisiana, and Mississippi.

ADS' experience in Design and Project Management includes:

- Commercial Facilities
- Industrial Facilities
- Institutional Facilities
- Educational Facilities

ADS was established by David Simpson, PE, MBA, in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. In 2009 MEP engineering services were added, led by Mike Chancey, PE. ADS utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$40 million in construction value. Our clients include architects, contractors, developers, attorneys and insurance companies.

ADS currently utilizes the latest engineering design and BIM software for the development of project work.

Value Added Services

Our company strives to provide efficient, quality engineering services that serve both the needs of the client as well as the needs of the design team. We achieve this level of service by leveraging our extensive project experience with a work-flow built upon the cohesive integration of 3D Revit modeling and the latest analysis software. This integration allows us to produce the highest quality designs in the timeframe needed for successful design-build projects. Our staff is comprised of multiple licensed Professional Engineers.

Allegheny Design Services
102 Leeway Street
Morgantown, WV 26505

P 304.599.0771
F 304.212.2396



Allegheny
Design Services
Consulting Engineers

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
Fax: (304) 212-2396

KEY PERSONNEL

Jason D. Robinson, PE, Senior Structural Engineer

West Virginia University, BS Civil Engineering

Member of AISC

Associate Member of ASCE

PE Licenses in the following states:

West Virginia Pennsylvania

Maryland Kentucky

Alabama Mississippi

Nebraska

Bryan R. Gallion, EIT, Jr. Structural Engineer

West Virginia University - Morgantown, WV - B.S. Civil Engineering

West Virginia University - Morgantown, WV - M.S. Civil Engineering

West Virginia EIT Certification

American Society of Civil Engineers



Allegheny
Design Services
Structural & MEP Engineering

**ALLEGHENY DESIGN SERVICES' EXPERIENCE
TEAMING WITH OMNI ASSOCIATES-ARCHITECTS, INC.**

**BFS Fairmont
Fairmont, WV**

ADS was a consultant to Omni Associates for the BFS Fairmont. This project consists of retail and auto center. Construction cost was approximately \$750,000 and it was completed in 2010.



**Canaan Valley Institute Headquarters/
Educational Facility
Davis, WV**

ADS was a consultant to Omni Associates for the Canaan Valley Institute Headquarters/Educational Facility. CVI Headquarters houses research facilities, offices, and public service facilities. Construction cost was approximately \$6.5 Million. It was completed in 2009.



**City Net Building
Bridgeport, WV**

ADS was a consultant to Omni Associates for the City Net Building. This project consists of offices and operations facility. Completed in 2010 for approximately \$3 Million.





Alleghey Design Services

Structural & MEP Engineering

Fairmont AFRC Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont AFRC. Design is currently underway for a National Guard Readiness Center. It includes space for training, offices and multi-use public space.



Fairmont Senior High School Cafeteria Addition Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont Senior High School Cafeteria Addition. Completed in 2000, this \$2.5 Million addition consists of a cafeteria and mechanical space on the lower level.



Fairmont State University Feaster Center Addition Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont State University Feaster Center Addition. An entrance addition was added to the existing facility. Completed in 2009 for approximately \$1.1 Million.





Allegheny

Design Services

Structural & MEP Engineering

Gabriel Brothers—Bridgeport Hill Bridgeport, WV

ADS was a consultant to Omni Associates for the Gabriel Brothers—Bridgeport Hill Renovation. Project consisted of an addition and renovation to existing store. Foundation Repair due to expansive soils. Completed in 2008 for approximately \$2 Million.



GSA Building Charleston, WV

ADS was a consultant to Omni Associates for the GSA Building in Charleston, WV. The facility consists of Offices and Operations Facility. Completed in 2011 for approximately \$3 Million.



Jerry Dove Medical Office Building Bridgeport, WV

ADS was a consultant to Omni Associates for the Jerry Dove Medical Office Building. This building consists of Structural Mat Foundation System and Steel Framing. The facility was completed in 2011 for approximately \$6 Million.





Allegheny Design Services

Structural & MEP Engineering

Lakeside Physical Therapy Morgantown, WV

ADS was a consultant to Omni Associates for the Lakeside Physical Therapy Building. The 8,700 square foot facility was completed in 2006. It consists of offices, treatment rooms and aerobic area. Construction cost was approximately \$1.4 Million.



Lumberport Elementary School Lumberport, WV

ADS was a consultant to Omni Associates for the Lumberport Elementary School. It consists of insulated concrete form (ICF) walls; steel joist floors and roof; and concrete on metal deck floors. Construction cost is approximately \$10 Million and the estimated completion is Spring of 2012.



Mon Power Regional Headquarters Fairmont, WV

ADS was a consultant to Omni Associates for the Mon Power Regional Headquarters Building. This building consists of Transmission Control Center; Offices, Conference Rooms; and Maintenance Center. It was completed in 2010.





Alleghey

Design Services

Structural & MEP Engineering

Mylan Corporate Office Parking Garage Morgantown, WV

ADS is a consultant to Omni Associates for the Mylan Corporate Office Parking Garage. The 400 car parking structure was completed in 2004. The \$5.5 Million facility is set into a terraced hillside.



St. Bernard Chapel Snowshoe, WV

ADS was a consultant to Omni Associates for the St. Bernard Chapel. This 7,200 square foot facility was completed in 2005. Consisting of a timber frame structure at a cost of \$1.5 Million. Received a Merit Award from AIA West Virginia.



Suncrest Towne Centre Building 600 Morgantown, WV

ADS is a consultant to Omni Associates for the Suncrest Towne Centre Building 600. This 13,000 square foot facility was completed in 2009 for approximately \$3 Million. The lower level consists of retail space with the upper floors consisting of offices.





Allegheny
Design Services
Structural & MEP Engineering

Suncrest Towne Centre Office Buildings
451, 453 & 455
Morgantown, WV

ADS is a consultant to Omni Associates for the Suncrest Towne Centre Office Buildings 451, 453 & 455. These three office buildings are a total of 44,000 square feet in office space. Construction is underway.



Suncrest Towne Centre Site C
Morgantown, WV

ADS is a consultant to Omni Associates for the Suncrest Towne Centre Site C. Engineering was provided for foundation design, miscellaneous structural consultation for a prefabricated metal building frame clad in masonry. Total retail space is approximately 60,000 square feet.



Sundale Nursing Home
Morgantown, WV

ADS is a consultant to Omni Associates for the Sundale Nursing Home. This project consisted of a Sundale Hospice Care Addition consisting of Load Bearing Light Gage Construction. The project was completed in 2010 for approximately \$2 Million.





Allegheny **Design Services**

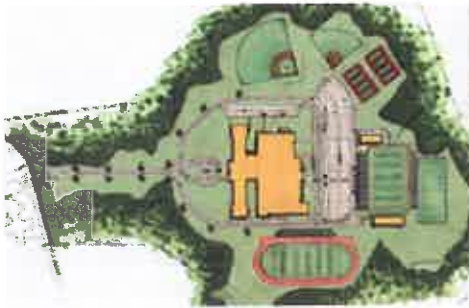
Structural & MEP Engineering

WVU Child Development and WVU Nursery School Morgantown, WV

ADS is a consultant to Omni Associates for the WVU Child Development and WVU Nursery School. The WVU Child Development Center is 18,907 Sq. Ft. and the WVU Nursery School is 4,163 Sq. Ft. This project was completed in Fall of 2009 for approximately \$6.1 Million.



Corporate Overview



TERRADON Corporation offers a multi-faceted approach to design engineering and consulting services. For the past 25 years TERRADON staff has provided a wealth of engineering solutions blanketing the Appalachian and Mid-Atlantic region with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

The second-generation, family-owned business has built a strong reputation by providing flexible, cost effective design solutions and maintaining the highest level of customer service. The firm has been recognized through numerous awards from professional organizations and agencies including the American Society of Civil Engineers, State Highway Departments, the Department of Environmental Protection and the American Institute of Architects.

TERRADON's corporate culture promotes innovation and progressive thinking. Project leaders strive to sustain customers through a wide-range of engineering offerings. TERRADON employees understand the purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

TERRADON is the largest woman-owned engineering firm in West Virginia. TERRADON is a certified Women's Business Enterprise as defined by the Women's Business Enterprise National Council and the National Women Business Owners Corporation.



Locations

The company maintains approximately 50 leading-edge staff in four locations: Nitro/Poca, WV; Lewisburg, WV; Charlton Heights, WV; and Ripley, WV. TERRADON'S departments work cohesively to provide turn-key solutions that strive to exceed client expectations.

Qualifications



Land Development covers a broad swath of TERRADON's service offerings and sees a large percentage of its annual revenue from repeat clients or referrals. The group is composed mainly of Professional Engineers, Landscape Architects and CAD designers who frequently team with every other department within the company.

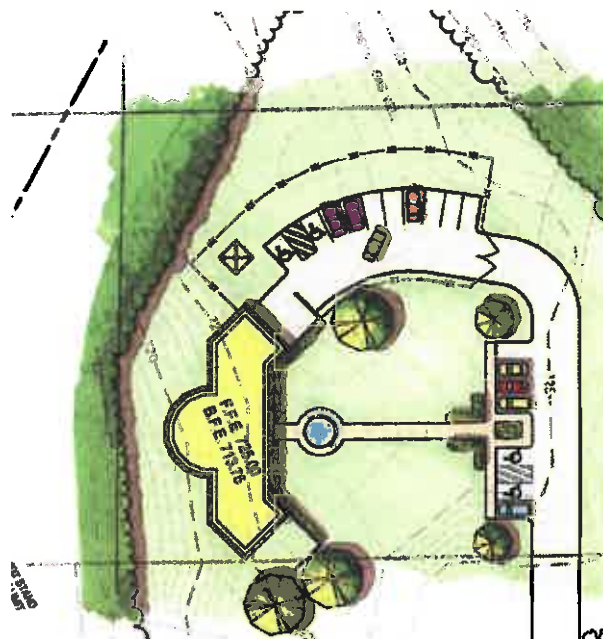
TERRADON's Land Development department collaborates with public and private entities and has a strong presence in the recreation, public/civil, educational and commercial development sectors. TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional engineers work closely with the client from the project's initial phase through a schematic design, construction documents and project delivery. TERRADON's Landscape Development Group remains on the forefront of sustainable design, providing LEED Accredited Professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs on projects.

TERRADON's Land Development Group works in a variety of markets including: Civic/Public, Parks/Recreation, Commercial/Industrial, K-12 Education, Higher Education and Medical.

Projects include: Master planning, recreational planning, funding agency assistance, economic development planning, surveying, engineering, architecture, historical preservation construction administration and inspection.

LAND DEVELOPMENT SERVICES

- Master Planning
- Presentation Drawings/Renderings
- Site Feasibility Studies
- Schematic Design
- Layout Plans
- Grading Plans
- Stormwater Management Plans
- Erosion Control Plans
- Planting Plans
- Construction Observation



TECHNICAL EXPERTISE - KEY PERSONNEL

Greg Fox, ASLA, LEED AP **VP Land Planning & Development**

Greg Fox has overseen the Land Development Department at TERRADON since its inception in 2000. He offers more than 25 years of industry experience, providing master planning and site civil design services to commercial, retail, public/civic, educational and parks and recreation markets.. Under his guidance, the TERRADON has been the recipient of Engineering Excellence awards from the West Virginia Association of Consulting Engineers, and the Gold Award for Engineering Excellence from the American Council of Engineering Companies. Additionally, the Land Development Group has been recognized numerous times for Merit Awards by the West Virginia Chapter of American Society of Landscape Architects. Fox is a registered Landscape Architect in West Virginia, Ohio, North Carolina, South Carolina, Pennsylvania and Virginia. He is an active member of the American Society of Landscape Architects. Fox received degrees in Landscape Architecture and Planning from West Virginia University.

Jim Nagy, PE **Utility Infrastructure**

Jim Nagy performs Civil Engineering related to utility, specifically water, wastewater and stormwater, projects. He has more than 25 years of on-hand experience providing engineering for the largest private water company in West Virginia. He earned a B.S. in Civil Engineering from West Virginia University. His primary focus is on management of water and wastewater projects. He also performs design work related to water distribution systems and sewage collection systems.

Shawn Gray, ASLA **Landscape Architect**

Shawn Gray is an experienced Site Designer and Land Planner who serves as an integral part of the TERRADON design team. He offers experience on many of TERRADON's highest profile projects, focusing on large scale site development and parks and recreation projects. Gray also provides site design and landscape architecture services for K-12 and Higher Education projects. He is responsible for developing site, grading, landscape and utility plans, site detailing and erosion sediment control plans and permitting.

Peter J. Williams, ASLA **Landscape Architect**

"Pete" Williams is a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. Mr. Williams is registered as a professional Landscape Architect in West Virginia with more than 13 years of experience at TERRADON and more than 22 years of overall experience.

Robert Thaw, PS **VP Survey and Mapping**

Robert Thaw, Vice President of Survey and Mapping, oversees all TERRADON Survey services. Thaw manages a staff of Professional Surveyors and Computer Aided Drafting (CAD) designers who provide mapping, construction layout, ALTA survey, topographic survey and boundary survey services. Thaw's leadership has been instrumental in TERRADON's prioritization of the use of modern technology, ensuring clients the most efficient and accurate results. Additionally, he is responsible for in-house design of commercial property sites, parking and utility easements, and review of project plans and base mapping creation. Thaw's group also provides as-built surveys, utility identification surveys and deformation monitoring of design features such as retaining walls and dams.

Bill Hunt, PG, LRS **VP Geo-Environmental, Materials Testing and Inspection**

Bill Hunt serves as Vice President of Geo-Environmental at TERRADON Corporation. He will oversee any environmental needs, permitting and direct work for geotechnical tasks and testing and inspection required of the project. Hunt offers relevant experience in environmental documentation, investigations, and coordination with federal, state, and local agencies. He prepares Environmental Impact Statements, Environmental Assessments, Section 4(f) Evaluations, and other environmental technical documents. He supervises and participates in work plan development, field surveys, on-site monitoring, data collection, impact analysis, subconsultant management, public meeting organization and group presentations.

SERVICE OFFERINGS

» LAND PLANNING & SITE DESIGN

» SURVEYING & MAPPING

» CIVIL ENGINEERING

» GEOTECHNICAL INVESTIGATIONS

» MATERIALS TESTING &
CONSTRUCTION MONITORING

» ENVIRONMENTAL

» ROADWAY & BRIDGE DESIGN

» ENERGY SERVICES

Executive Summary

TERRADON CORPORATION offers a wide range of engineering design and support services. For more than 20 years **TERRADON** has provided a wealth of engineering services, blanketing West Virginia and surrounding states with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

Staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, and technicians.



Industrial Park Planning

TERRADON has provided land planning and design services for West Virginia's highest visibility Industrial Parks and Shopping Centers.

*Due to the breadth of services offered, **TERRADON** is regarded as one of the region's leading infrastructure planning and design firms.*

purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

The family-owned business has built its reputation by providing cost effective design solutions and maintaining the highest level of customer service.

Multi-disciplined Engineering: Experience and Solutions Under One Roof

TERRADON is particularly suited to design engineering within the mountainous areas of West Virginia and the Appalachian Region. The firm has been recognized through numerous awards from professional organizations and agencies including the West Virginia Division of Highways, Department of Environmental Protection and the West Virginia Chapter of American Institute of Architects.

TERRADON maintains more than 50 leading-edge staff selected to service particular client

needs. Its offices sustain customers through a wide-range of engineering offerings.

TERRADON's seven departments work cohesively to provide turn-key solutions that strive to exceed client expectations.

TERRADON's corporate culture promotes innovation and progressive thinking. Its employees understand the

LAND DEVELOPMENT

Land Development covers a broad swath of TERRADON's service offerings and sees a large percentage of its annual revenue from repeat clients or referrals. The group is comprised mainly of Landscape Architects and CAD designers and works closely with every other department within the company. TERRADON's Land Development department works with public and private entities and has a strong presence in the commercial, industrial, educational, and recreation development sectors.

TERRADON Landscape Architects remain on the forefront of sustainable design, providing LEED Accredited Professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs.

TERRADON's Land Development Services include:

- » Master Planning
- » Site Feasibility Studies
- » Schematic Design
- » Layout and Grading Plans
- » Stormwater Management Plans
- » Erosion Control Plans
- » Planting Plans
- » Presentation Drawings/Renderings
- » Construction Observation

Gregory D. Fox, ASLA, LEED AP
Department Head: Land Development

TERRADON's Land Development Services are managed by Greg Fox. A native West Virginian, Fox has been responsible for hundreds of industrial, commercial and educational site development projects.

His group has earned numerous Engineering Excellence awards from industry associations, and provided planning and design services on some of the State's most well-recognized developments.

LAND DEVELOPMENT

TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase through schematic design, construction documents, and project delivery.



WATER & WASTEWATER

Since 1989, TERRADON has provided planning, design, and construction administration for millions of dollars worth of environmental projects including wastewater, water, and storm water improvement projects. The company has designed more than one million feet of water main - enough pipe to stretch from Charleston, WV to Charlotte, NC.

TERRADON engineers have numerous resources within the company to draw on, such as surveying, geotechnical engineering, environmental engineering, landscape architecture, materials testing, and construction monitoring. This allows the project manager to control all phases of the design process, from initial site reconnaissance through construction.

Jim Downey

Department Head - Civil Engineering

Jim Downey manages TERRADON's Civil Engineering practice and focuses primarily on water and wastewater design. With 35 years of experience, Downey brings a wealth of knowledge to TERRADON projects.

Downey's Civil Engineering Group was responsible for the design of an infrastructure system larger than any in the State of West Virginia when it engineered water and wastewater systems for the 11,000-acre Summit Bechtel Reserve in Fayette County, WV.

Civil Engineering Services include:

- » Utility Design Engineering
- » Wastewater Collection, Pumping, and Treatment
- » Water Treatment, Storage, and Distribution
- » Natural Stream Design and Mitigation
- » Mine Reclamation
- » Utility Planning and Layout
- » Cut and Fill Analysis
- » Erosion and Sediment Control
- » Computer Modeling



CIVIL ENGINEERING

TERRADON has provided planning, design, and construction administration for millions of dollars worth of environmental projects including water, wastewater, and storm water improvement projects.

MATERIALS TESTING & CONSTRUCTION MONITORING

TERRADON offers materials testing and construction monitoring to document compliance with project design specifications and regulatory requirements. The firm provides construction monitoring for utility, highway, and commercial construction projects. TERRADON also provides laboratory and field testing of construction materials. Engineers and technicians at TERRADON are West Virginia Department of Highways certified in Portland Cement Concrete, Hot mixed Asphalt, Compaction, and Aggregates.

Testing and Monitoring Services include:

- » Slump of Portland Cement Concrete (AASHTO-T119)
- » Air Content of Freshly Mixed Concrete (AASHTO-T196 & T152)
- » Unit Weight and Yield (AASHTO-T121)
- » Making and Curing of Concrete Test Specimens (AASHTO-T23)
- » Compressive Strength of Concrete Specimens (AASHTO-T22)
- » Fine and Course Aggregate Gradations (AASHTO-T11 and T27)
- » Specific Gravity of Aggregates (AASHTO-T84 and T85)
- » Atterberg Limits (AASHTO-T89 and T90)
- » Moisture Content of Soil (ASTM-D2216)
- » Nuclear Compaction Testing of Soil, Stone, and Hot Mixed Asphalt
- » Preparation of Certification Forms and Construction Reports

William Hunt, PG, LRS

Department Head: Geo-Environmental

Bill Hunt oversees TERRADON Materials Testing and Construction Monitoring activities as Department Head for the company's Geo-Environmental practice.

Hunt is a 23-year industry expert with a background that includes numerous construction inspection projects. Hunt's inspection group provides a highly experienced staff with decades of construction monitoring experience.

MATERIALS TESTING & CONSTRUCTION MONITORING

TERRADON offers materials testing and construction monitoring to document compliance with project design specifications and regulatory requirements. The firm offers a staff that is well-versed in the industry, holding all WVDOH certifications for materials testing.



SURVEY AND MAPPING

TERRADON has developed an extensive resume of successful surveying and mapping projects performed throughout the difficult terrain of West Virginia and surrounding states. The Survey and Mapping group performs services for a large number of private and public sector clients. TERRADON's experienced, staff of licensed professional surveyors and mappers brings expertise and proficiency to every project.

It's commitment and investment in state-of-the-art equipment and technology enable the company to overcome unique and challenging project conditions and obstacles.

Robert Thaw, PS

Department Head: Survey & Mapping

Robert Thaw is Manager of Surveying Services for TERRADON. He organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates base mapping. Thaw has nearly 25 years of experience in a wide range of land surveying applications. Thaw is well respected in the survey industry and oversee a staff that includes five (5) in-house Professional Surveyors.

Survey and Mapping Services Include:

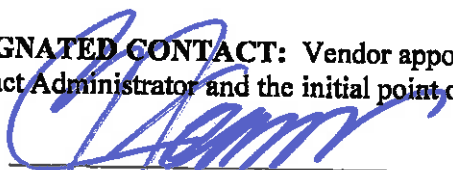
- » GPS Control mapping
- » GIS
- » Underground utility location
- » Wetland delineation surveys
- » Base mapping for (GIS) geographic information system
- » Boundary surveys
- » ALTA/ACSM surveys
- » Topographic surveys
- » Engineering design surveys
- » Aerial Imagery
- » Horizontal and Vertical Control Surveys
- » Commercial subdivision platting
- » Residential subdivision platting
- » Cellular / Communications Towers Surveys
- » Hydrographic / Marine Surveying
- » Tree Surveys and Inventories



SURVEYING & MAPPING

A critical piece to the engineering and construction industry, TERRADON is regarded as a top-tier firm in the surveying and mapping trade. TERRADON focuses on construction stakeout, ALTA survey, topographic survey, and boundary survey services.

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)

RICHARD T. FORREN, AIA

(Printed Name and Title)

207 JEFFERSON STREET, FAIRMONT, WV 26554

(Address)

(304) 367-1417 (304) 367-1418

(Phone Number) / (Fax Number)

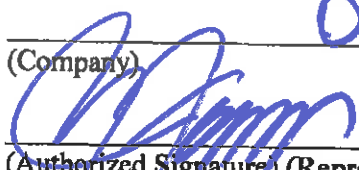
rforren@owniassociates.com

(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.

OWNI ASSOCIATES - ARCHITECTS Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

RICHARD T. FORREN, PRINCIPAL

(Printed Name and Title of Authorized Representative)

AUGUST 14, 2017

(Date)

(304) 367-1417 (304) 367-1418

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CE01 ADJ1800000001

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

OMNI ASSOCIATES - ARCHITECTS LLC.

Authorized Signature

Date

AUGUST 14, 2017

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:Vendor's Name: Orwell Associates - Architects, Inc.Authorized Signature: [Signature] Date: August 14, 2017State of West VirginiaCounty of Marion, to-wit:Taken, subscribed, and sworn to before me this 14 day of August, 2017My Commission expires July 27th, 2022

AFFIX SEAL HERE

NOTARY PUBLIC Kayla J. Turner*Purchasing Affidavit (Revised 07/01/2012)*