OMNI architects

CAMP DAWSON
BARRACKS BUILDING 246 RENOVATION DESIGN

08.29.2018

August 29, 2018

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

RE: Solicitation No. CEOI ADJ1900000005 (Barracks Building 246 Renovation Design)

Dear Ms. Gale:

Omni Associates-Architects, Inc. is pleased to submit our Proposal to provide architectural and engineering design services for the Renovation Design of the Barracks Building 246 for the West Virginia Army National Guard at Camp Dawson in Kingwood, West Virginia.

Our team includes **H.F. Lenz Company and Atlantic Engineering Services.** H.F. Lenz will provide complete MEP Engineering as well as any Civil Engineering services such as geotechnical work and utility location/relocation. Atlantic Engineering Services will provide Structural Engineering services. Our firms are proud of our long and successful history of providing design services for military installations, including projects at Camp Dawson, but each of us also bring an extensive amount of experience in addressing the renovation process of structures such as the Barracks Building. We are intimately familiar with all applicable codes and efficiency standards.

In addition to the projects contained within, Omni is currently completing construction administration for the complete renovation of restroom facilities, which we designed for a secured governmental facility in North Central WV. Currently, we are working with HF Lenz on several large renovation projects with a similar scope as outlined in the EOI.

Omni Associates will serve as the lead firm and coordinator of architectural and engineering services. As Omni's Principal-in-Charge, I will guide this project from programming to construction administration in an efficient and effective manner and serve as the point-of-contact to the West Virginia Army National Guard.

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.

John R. Sausen, AIA, NCARB
Principal

omni associates - architects, inc.
207 jefferson street • fairmont, wv 26554
V 304.367.1417 • V 855.367.1417 F 304.367.1418

omni411.com

State of West Virginia, Purchasing Division

West Virginia Army National Guard (WVARNG)

Camp Dawson Barracks Building 246 Renovation Design

CEOI ADJ1900000005

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

Firm Profile

OMNI ASSOCIATES - ARCHITECTS is an award-winning architectural firm located in Fairmont, West Virginia. 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.

Since the beginning in 1980, Omni has earned recognition for the programming, planning, and design of a variety of structures; which includes corporate office and governmental buildings, health care facilities and medical campuses, academic and educational buildings, recreational, religious, military and multipurpose facilities.

Our reputation and superior work product are the result of efficient and effective communication with our clients and consultants. .

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 exceeds expectations.

Omni has a successful history of designing intimately with each client and creating collaborative solutions that meet the project goals, resulting in an impressive record of customer satisfaction. These qualities that draw our clients back, resulting in lasting relationships.

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 proud of our reputation and expertise, and our clients are confident that they will receive superior services.

Overview of Services

OMNI 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 the entire project in advance of bidding and work extensiveiy with our clients to achieve alternates to program goals. Construction documents are prepared and bid to multiple general contractors to achieve competitive pricing. Our advanced preparation and communication with the owner and contractor has been a proven approach to limiting change orders and allows us to deliver projects on-time and on-budget.

Fast Track and Multiple Prime Delivery Method

To achieve an accelerated building construction time schedule, Omni has experience with both fast-track and multiple-prime contract projects. 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

Owners and developers are currently seeking a simpler delivery style with a sing le 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 as well as contracting with owners and general contractors to succ essfully achieve this streamlined method of project delivery.

Construction Administration

Omni has worked on projects for the cons truction phase of the total building life. T his would include projects designed by a nother firm who needs local supervision or a pre-designed project from a national r estaurant or store - which requires local I mplementation. Omni has also performed bank or financing inspections to deter mine the completion status of the project for periodic applications for payment.

Management & Staffing Capabilities

We firmly believe 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 **6 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.

Specialized Team Members

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.

Staffing Plan
Key Personnel

Omni Associates – Architects carefully selects its project team based on each member's ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each client

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 experience as well as their superior work ethic.

In short, for each project we undertake at Omni, we carefully staff our teams, including in-house professionals and outside consultants, with the type of personnel we would want working for us, to work for you.

Omni Associates—Architects

JOHN R. SAUSEN, AIA, NCARB, LEED AP

Principal in Charge

Mr. Sausen has been Project Architect in charge of design and construction for Omni Associates – Architects since 1984. As a Principal-in-Charge and Project Architect, his primary responsibility is to guide and coordinate the team in the development the overall concept of design by performing technical tasks which include project space programming; schematic layout of functional spaces; aesthetic design and development; and concept and coordination of building systems such as mechanical, electrical, plumbing and fire protection.

DAVID E. SNIDER, AIA, NCARB

Project Manager

Mr. Snider has been a valuable member of the Omni team since 1995. He holds a Master of Architecture degree from Virginia Tech as well as a B.S. in Engineering Technology/Architecture from Fairmont State College. David is one of Omni's most effective project managers with a strong background in K-12 and higher education projects and solid credentials in historic preservation and restoration as well as adaptive reuse. His strong work ethic has provided him with extensive experience with the preparation of construction documents, material specifications, and bidding documents as well as construction administration.

H. F. Lenz Company

MEP and Civil Engineering

Currently in its 70th year, the H.F. Lenz Company (HFL) is a nationally ranked multi-discipline engineering firm with a strong commitment to technical excellence and unparalleled customer service. From planning and design through commissioning and operations support, H.F. Lenz is know for working with their clients to find the best solutions that meet current needs while providing the flexibility and scalability to accommodate future growth and new technologies. Today the firm employs 165 individuals working out of our Johnstown-based headquarters and satellite offices in Pittsburgh, Pennsylvania, Conneaut, Ohio, and Middletown, Connecticut.

Staffing Plan
Key Personnel

Thomas F. Deter, P.E., LEED AP
Principal-in-Charge of MEP Systems Engineering

Mr. Deter has over 30 years of experience and is responsible for the engineering design of all trades and the supervision of senior designers. He has extensive experience in the design of building systems for both new buildings and building retrofits. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; security; sound and telephone systems.

John C. Stewart, P.E., LEED AP

Project Manager—Mechanical Engineer

Mr. Stewart has 34 years of experience in the design of HVAC, plumbing and fire protection systems. His responsibilities included code compliance verification, schematic layout, equipment selections, coordination, specification writing and cost estimating.

Steven P. Mulhollen, P.E.

Electrical Engineer

Mr. Mulhollen is experienced in the design of power distribution systems, control systems, emergency power systems, lighting and emergency lighting systems, fire alarms systems, security, sound and telecommunications for correctional, educational, military, governmental, industrial and health care facilities.

Gregory D. Rummel, CPD

Plumbing/Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for colleges, office buildings, military installa tions, prisons, hospitals, and industrial facilities. He is extremely knowledgeable of NFPA Codes and experience in the des ign of dry and wet systems.

Keith A. Gindlesperger P.E.

Principal—Civil Engineer

Mr. Gindlesperger is well versed in site planning for numerous types of industrial, commercial and governmental facilities. His areas of responsibilities include site design, site utilities, parking and traffic circulation, roadway design, stormwater management, erosion and sediment con trol.

Additional information on personnel involved in the project can be found in their respective resumes following this section.

Staffing Plan
Key Personnel

Atlantic Engineering Services (AES)

Structural Engineering

Since 1986, AES has been providing structural engineering services to a variety of clients in the eastern regional United States. AES experience covers a range of building categories including medical, scientific, research and technological, K -12 educational, university and collegiate, corporate and high-rise, retail, distribution, telecommunication, collegiate housing, residential, lodging and resort, assisted living and dementia care, parking, religious, naval facilities, film industry support, and specialized housing, training, carrier support and airfield control facilities for the U.S. Armed Forces.

David L. Webb, PE

Principal

Mr. Webb has an impressive list of design-build military projects for the U.S. Navy, the U.S. Army, and the Army Corps of Engineers including barracks, child development centers, battalion headquarters, and administrative facilities. His experience includes design of new structures as well as retrofitting of existing structures to resist progressive collapse. He is knowledgeable in the design of structures, requiring Anti-Terrorism/ Force Protection criteria, including design for blast loads. Mr. Webb has managed successful implementation of the LEED Green Building Rating System.

Laney S. Stoddard, PE, LEED AP

Senior Project Engineer

Ms. Stoddard joined the team at AES in 2003, and has since worked on a wide variety of pro jects in dustries and building types. Her experience encompasses a variety of building materials including concrete, steel, timber, masonry, and post-tensioned concrete. She has been vital to many design-build military projects for the U.S. Navy and Army Corps of Engineers including barracks, child development centers, battalion headquarters, and ad ministrative facilities.

Her structural consultation experience extends beyond new design services, in cluding threshold inspection, renovation, addition, adaptive reuse, retrofitting exi sting structures to resist progressive col lapse, and anti-terrorism/force protection design services.

Gilbert J. Taylor, PE

President

Mr. Taylor has served on a wide variety of projects including facility studies, new constructions and renovations, building additions, and structural condition assess ments throughout the United States.

His day-to-day duties include attending design and development meetings, super vising the production of construction doc uments, reviewing shop drawings, issuing revision sketches, attending site visits and construction meetings, and completing site visit and structural assessment re ports.

Additional information on personnel involved in the project can be found in their respective resumes following this section.

John R. Sausen AIA, NCARB, LEED AP

Project Role: Senior Principal in charge, Design Architect

Project Responsibilities: Principal-in-Charge of design and construction for Omni Associates since 1983. Responsible for coordinating and designing all aspects of a project from schematic design through final completion of construction. Specializing in Design-Build. Worked for three months in 1981 for Kraemer, Sieverts & Partners, Braunschweig, West Germany on an office, residential and civil defense complex for the Ministry of Interior, Kingdom of Saudi Arabia. The complex was to be of pre-cast metric. The design was to be flexible enough for construction in six different cities. Interned with architectural firms in Ohio and West Virginia prior to joining Omni.

Achievements and Awards:

President of American Institute of Architects - West Virginia Chapter in 2000 & 2001. Worked with the Design Awards, Search for Shelter, Architecture for Kids, Livable Communities Committees. Has served on the AIA West Virginia Board of Directors from 1990 to present.

Instructor of Architecture at Fairmont State College, Fairmont, West Virginia - part time to 1990. Responsible for the instruction of design and construction relationships.

Boy Scouts of America, Mountaineer Area Council merit badge counselor, building committee member and Eagle Scout Chairman.

Achieved the rank of Eagle Scout and has been involved with Scouting for over 20 years.

Years of Experience

Joined Omni in 1983

Background

Bachelor of Architecture:

University of Cincinnati, 1982 (Magna Cum Laude)

Select Project Experience

Mylan Pharmaceuticals

Morgantown, WV

North Expansion—500,000 sf

Executive Corporate Offices

Research and Development Lab

Quality Control Lab

CDC/NIOSH

Morgantown, WV / Pittsburgh, PA

Building Renovations

Infrastructure Studies

Safety and Security

Mine Rescue and Escape Lab

West Virginia University

Morgantown, WV

Child Learning Center

Building Renovations

Facility Upgrades

White Hall Lab

Blanchette Rockefeller Neurosciences

Institute Laboratory Fitout

West Virginia University Hospitals

Morgantown, WV

North & Northeast 8 story addition

Cheat Lake Family Medicine Clinic

David E. Snider AIA, NCARB, ALEP

Project Role: Project Manager, Project Architect

Experience: Practice has included diverse project types including primary, secondary, and higher-education education facilities, office buildings, health care facilities, commercial design, multifamily and single-family housing, and manufacturing facilities. Extensive experience with the preparation of construction documents, material specifications, and bidding documents as well as construction administration. **One of Omni's most effective project managers.** Strong background in K-12 and higher education projects. Demonstrated skill and success in such notable projects as Lincoln Middle School, Lumberport Elementary School, Brookhaven Elementary School and West Fairmont Middle School as well numerous projects for Fairmont State University. Mr. Snider has also developed solid credentials in historic restoration and adaptive reuse with Riverview at Clendenin, First Ward School Apartments and Sutton Apartments.

REGISTRATION / PROFESSIONAL AFFILIATIONS
American Institute of Architects, Member
American Institute of Architects—West Virginia, Member
Accredited Learning Environment Planner (ALEP)
U.S. Green Building Council, Firm Membership
Associated Builders and Contractors, Firm Membership
Registered in West Virginia

Years of Experience

Joined Omni in 1995

Background

Master of Architecture - Virginia Polytechnic Institute, 2001
B.S. Engineering Technology (Architecture) - Fairmont State College, 1989
Associate of Applied Design (Drafting and Design) - Fairmont State College, 1989

Select Project Experience

New Construction
Brookhaven Elementary School
Lincoln Middle School
Franklin Elementary School
Lumberport Elementary School
West Fairmont Middle School
Fairmont Senior High School Cafeteria
Genesis Youth Crisis Center
West Virginia High Technology Consortium Foundation (WVHTCF)
Mylan Pharmaceuticals

Renovations:
Brookhaven Elementary School
Simpson Elementary School
Christ Episcopal Church

Historical Restoration:
Fairmont Senior High School Auditorium
Riverview at Clendenin
First Ward Apartments
Fairmont State University 1-Room Schoolhouse

Fairmont State University:
Wallman Hall Renovations
Robert C. Byrd Aerospace Center Renovations
Colebank Hall Renovations

References

OMNI ASSOCIATES - ARCHITECTS realizes that our relationships with our clients is 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

Mayor Guy Ward
Town of White Hall
3 Timrod Drive
White Hall, WV 26554
(304) 367-1687

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

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

Travis Blosser, City Manager
City of Weirton
200 Municipal Plaza
Weirton, WV 26062
(304) 797-8500

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

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: 601st Horizontal Engineer Company, 1935th Contingency Contracting Team and the 229th Engineer Survey and Design Team. It includes office space, a classroom, storage, sleeping rooms, fitness room, and locker rooms.

The building structure is steel with the exterior consisting mainly of brick veneer with some upper story metal panels and storefront glazing. A 3,200 sf unheated pre-manufactured metal storage building was erected adjacent to the main building. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platforms, fuel storage and dispensing systems and flagpoles. Physical security measurements include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. 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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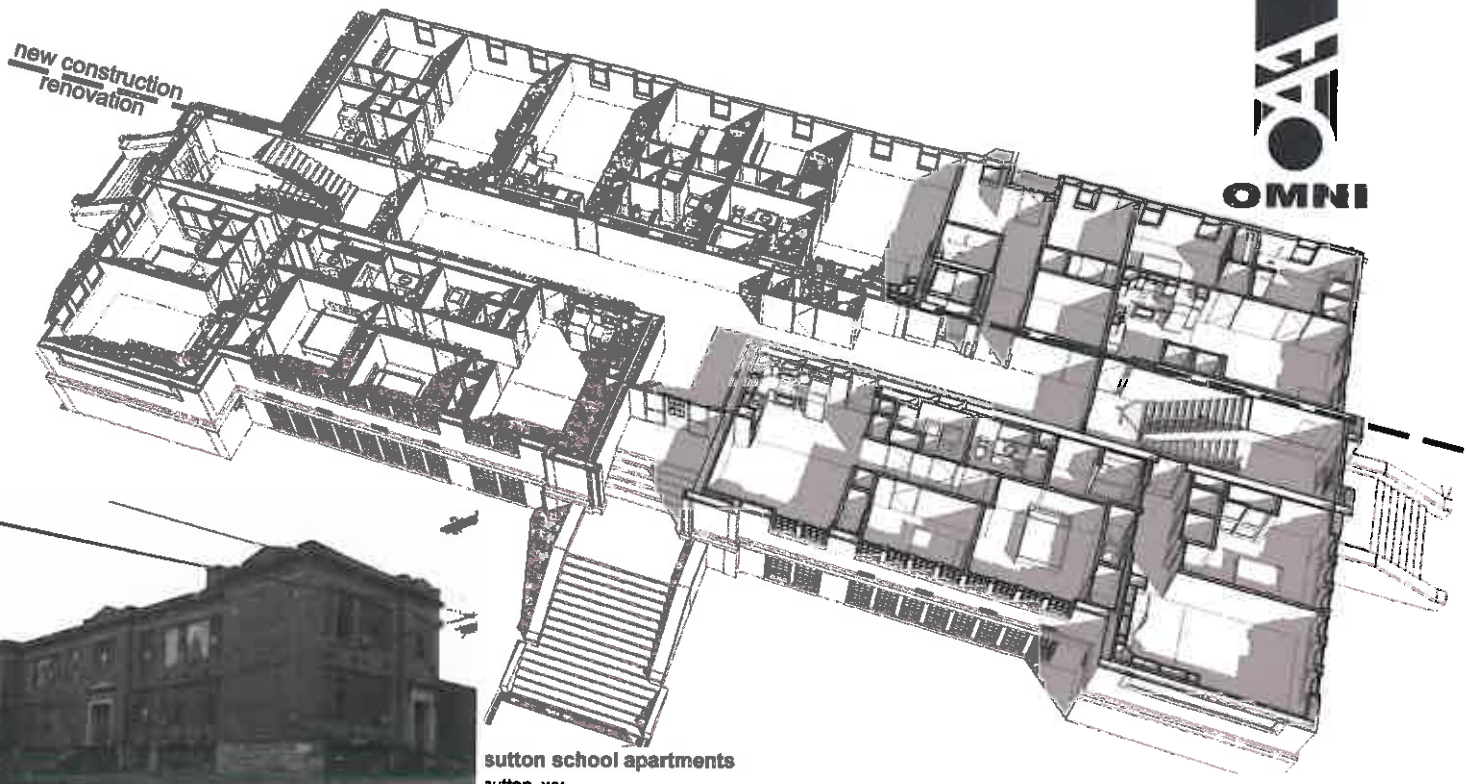

sutton school apartments
sutton, wv
total project: 28,367 SF
construction cost: $3,959,000

sutton school apartments

Amenities Include:
Fully-equipped kitchens including:
- Self-cleaning electric range
- Energy Star dishwasher
- Energy Star refrigerator with icemaker
- Built-in Microwave

Ceiling fans in all living areas and bedrooms
Window blinds
Central Heat & Air Conditioning
Washer/Dryer Hookups in all Units
High speed internet access
Keyless electronic entry
Handicap accessible
Fitness Room
Onsite Medical Service Area

Sutton School Apartments is the adaptive reuse of the Old Sutton High School located at 411 North Hill in Sutton, Braxton County, West Virginia. This historical structure has been given new life as beautifully designed apartments. Planned for 15 one bedrooms and 8 two bedrooms, the 23 total units will serve seniors earning less than 60% average median income.

In all areas of the building, the historic character of the building has been preserved, but the interior has been completely updated and modernized. New HVAC, plumbing and electrical systems throughout and unit interiors completely new with energy efficient appliances. Handicap accessibility was paramount in this renovation. The site has been reworked to allow for convenient and safe parking, a new elevator and on-grade access to the building.

Since its inception, AU Associates, Inc., has been instrumental in preserving more than 20,000 units of housing across the United States, valued at over $23 million, and has been directly responsible for the creation of more than 250 units of mixed income housing and 55,000 square feet of commercial uses in urban infill and adaptive re-use settings, with projects totaling $30 million.

AU Associates, Incorporated, founded in 1990 on the principals of adaptive use, has focused on opportunities for urban infill, as well as the revitalization of existing structures. AU Construction is the construction management arm of the company which finances, develops, and owns multi-family historic and new construction properties primarily in Kentucky but also in West Virginia.

project description courtesy of auassoctaies.com

AU Associates, Inc.
Development • Construction • Management
(859) 233-2009

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National Housing & Rehabilitation Association
2013 J. Timothy Anderson Award for Excellence in Historic Rehabilitation

Preservation Alliance of West Virginia
2013 Historic Preservation Award

Owner's Representative:
Mr. Johan Graham
AU Associates
859.233.2009

Omni Associates – Architects was again chosen by developer AU Associates to bring the Elkins First Ward School restoration and adaptive reuse project to fruition. With the help of AU, the project received funding from the West Virginia Housing and Development Fund in the fall of 2011. Ground broke in August 2012 to begin the renovation for 16 affordable one- and two-bedroom apartments. The exterior was completely restored to its early 1900s Georgian-Revival style, and many of the key interior features reminiscent of the school days have been retained and preserved. The building was opened to tenants in July 2013.

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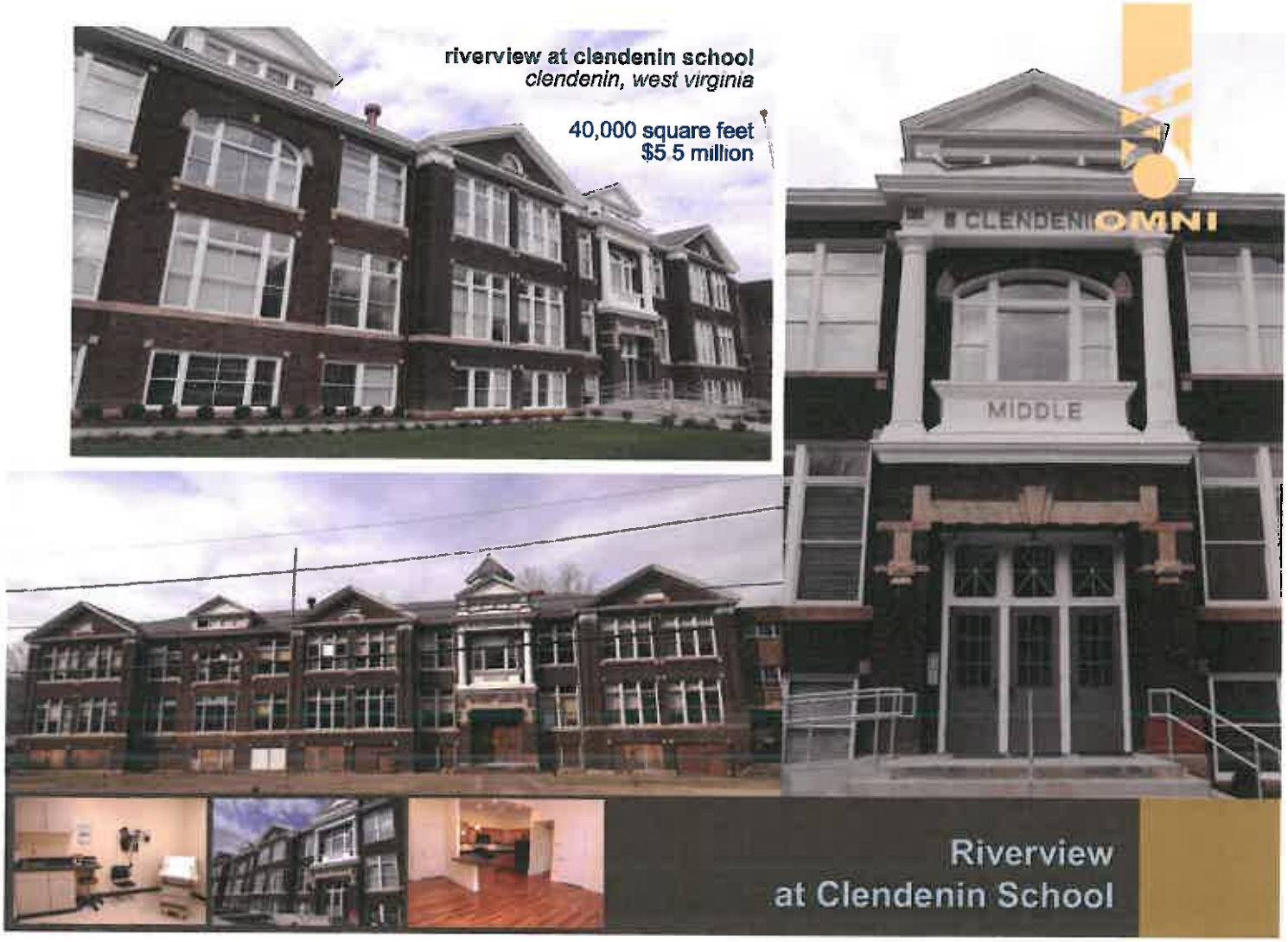
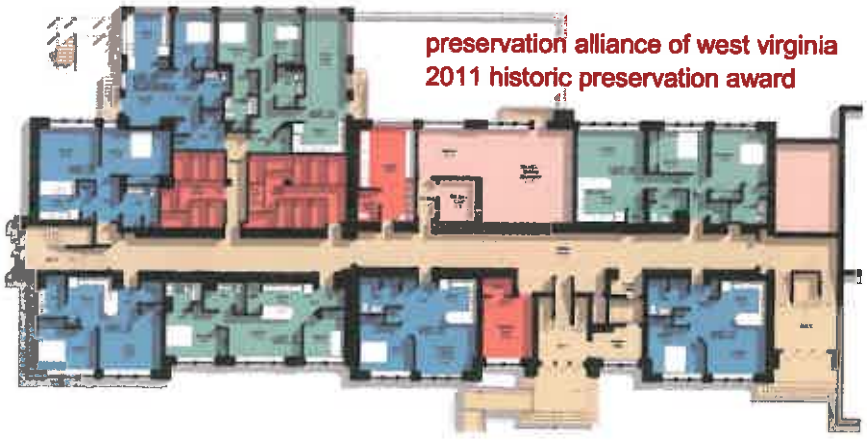
riverview at clendenin school
clendenin, west virginia

40,000 square feet
$5.5 million





preservation alliance of west virginia
2011 historic preservation award

Omni Associates – Architects was chosen by Kentucky-based developers AU Associates to design the historic preservation, renovation, and conversion of the historic Clendenin School into a mixed-use building. Riverview at Clendenin School opened in October 2011 with two main uses: a non-profit community health center and 18 units of safe, quality, affordable housing for seniors. The health clinic includes an on-site dentist, radiology department, fully stocked pharmacy and physical therapy center. The project was recognized by the Preservation Alliance of West Virginia for "Best Use of Tax Credits."

Funding for the renovation came from a combination of local, state and federal funding, with large portions coming through federal economic stimulus money, including a $2.7 million grant from the West Virginia Neighborhood Stabilization Program and $400,000 from the U.S. Department of Health and Human Services. Both grants were part of the American Recovery and Reinvestment Act. The U.S. Department of Agriculture is providing a $1.2 million loan for 40 years at no more than 4.5 percent interest. About $1 million in state and federal historic tax credits also will help fund the project.

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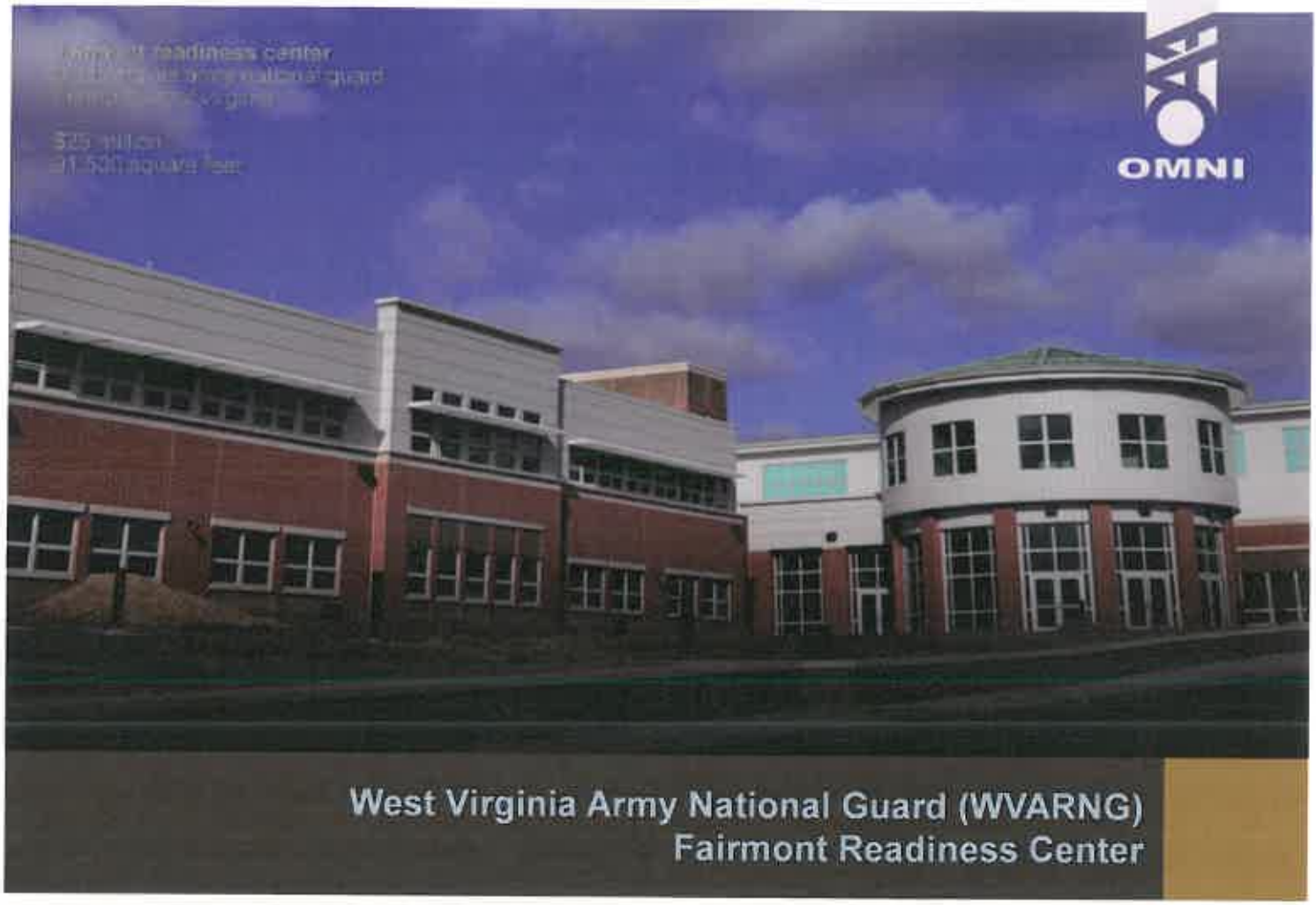


OMNI

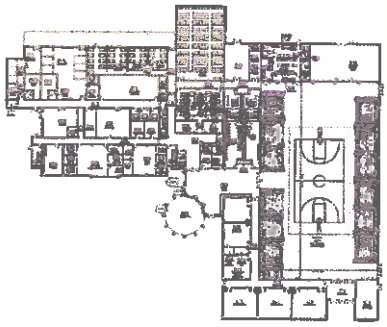
West Virginia Army National Guard (WVARNG)
Fairmont Readiness Center

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

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eleanor maintenance facility

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

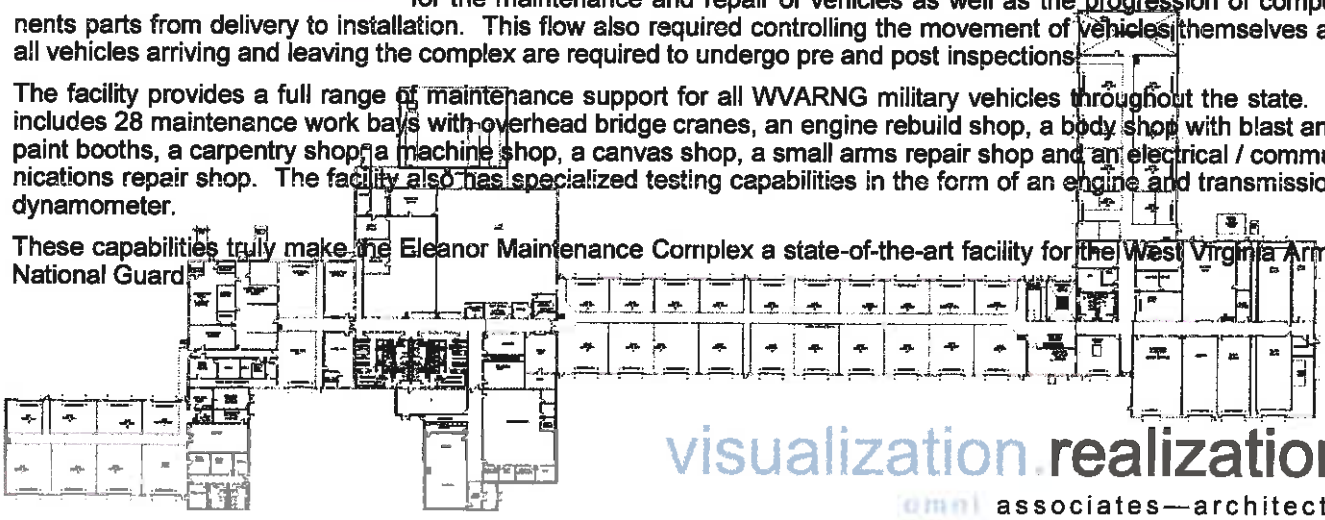
about. . .

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

about. . .

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.

main street west virginia
2007 best exterior renovation project

about...

After nearly a decade of effort trying to modernize its 100-year-old public safety buildings, The City of Fairmont selected Omni Associates - Architects to help realize its goals.

Design services performed by Omni included the development of a building program and a site analysis study to determine the feasibility of utilizing an existing structure versus constructing a new structure on various sites recommended by Omni. Ultimately, the design team, including the Owner, decided to utilize an existing structure located at 500 Quincy Street in Downtown Fairmont. The building originally housed a department store, but had long since been vacant.

Development of the Building Program involved in-depth functional and spatial studies of all component spaces This required extensive discussion with the Police Chief, Fire Chief, and department heads as well as various police officers and firefighters. Many considerations were investigated and prioritized including design flexibility, public image, impact on downtown, maneuverability of fire apparatus, public zones, secure zones, and the image and morale of the officers and firemen. These considerations along with budget cost controls, construction materials and schedule combined to complete the total building design.

The 38,700 square foot renovated facility appropriately stands on a hill overlooking the entire Downtown Fairmont area. It houses the Fire Administration and Central Station of the Fairmont Fire Department, the entire Fairmont Police Department, and the Municipal Court as well as several administrative offices.

visualization.realization

omni associates—architects

www.omni411.com

Johnstown Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Pittsburgh Office
1051 Brinton Road
Pittsburgh, PA 15221
Phone: 412-371-9073

Ohio Office
322 State Street
Conneaut, OH 44030
Phone: 440-599-7800
Fax: 440-599-7801

Connecticut Office
101 Centerpoint Drive
Suite 237
Middletown, CT 06457
Phone: 203-314-5523

H.F. Lenz Company

H.F. Lenz Company was established 1946 in its present form, under the name H.F. Lenz Company, R.E., and in 1953 the company was incorporated, as a Private Corporation, in Pennsylvania as H.F. Lenz Company. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed $530 million in MEP, Civil and Structural construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve. Our staff consists of 150 individuals, including 50 Licensed Professional Engineers and 19 LEED Accredited Professionals. Our headquarters is in Johnstown, Pennsylvania with branch offices in Pittsburgh, Pennsylvania Conneaut, Ohio, and Middletown, Connecticut.

Disciplines/Services Offered In-House Include:

- Mechanical Engineering
- Electrical Engineering
- Data/Communications Engineering
- Fire Protection / Life Safety Engineering
- Structural Engineering
- Civil Engineering
- Surveying
- GIS
- Construction Phase Services
- Commissioning and Training
- 3D CADD with Full Visualization
- Energy Modeling
- Sustainable design/LEED Services
- Building Information Modeling (BIM)

LEED®

Our firm has been a member of the U.S. Green Building Council since 2000 and we currently have 17 LEED® Accredited Professionals on staff. Our experience includes 80+ projects that have attained various levels of LEED Certification and numerous additional projects designed for various levels of LEED Certification, in total over 15 million sq.ft. of facilities.

Experienced Project Team

The team that will serve on this contract is comprised of dedicated, multi-discipline individuals that have been working together for over a decade. Together they have taken on the challenges of numerous high profile, complex projects and have derived workable, cost-effective solutions that have met the objectives of the client. H.F. Lenz Company has provided engineering services for $100 million of construction for the Baltimore Corps of Engineers over the past 20 years including 7 indefinite delivery-type contracts and 11 new reserve centers, several of which were design/build projects. Our experience also includes the renovation of several reserve centers including Morelock and Copely Reserve Centers. We have also held six (6) previous IDTC's for Letterkenny under which we have completed numerous projects requiring a variety of engineering expertise.

EDUCATION
Bachelor of Science, Electrical Engineering Technology, 1987, University of Pittsburgh at Johnstown

EXPERIENCE
H.F. Lenz Company 1992-Present • Parfitt/Ling Consulting Engineers 1990-1992 • Gary Johnston & Assoc., Inc. 1987-1990

PROFESSIONAL REGISTRATION / CERTIFICATION
Licensed Professional Engineer in Pennsylvania, Arkansas, Idaho Illinois, Indiana, Maryland, Nebraska, New Jersey, North Carolina, Ohio, Oklahoma, Oregon, South Dakota, Virginia, and West Virginia • LEED Accredited Professional

PROFESSIONAL AFFILIATIONS
NSPE/PSPE • U.S. Green Building Council

Thomas F. Deter, P.E., LEED AP
Principal-in-Charge of MEP Systems Engineering

Mr. Deter has over 30 years of experience and is responsible for the engineering design of all trades, the supervision of senior designers, the preparation of reports to determine optimal systems and/or equipment selections, and the coordination and checking of contract documents for completeness and quality. He has extensive experience in the design of building systems for both new buildings and building retrofits for educational, health care, commercial, government, industrial, residential, and utility related facilities. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; security; sound; and telephone systems.

PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- Three new billeting facilities

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- Rehabilitation of New Castle Readiness Center
- Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- Over 100 projects completed under seven consecutive term contracts
- Rocket Army Munititions Center (LEMC), AP Rocket Motor Destruction Facility, Phase I
- Building 1, New SCIF

U.S. Army Reserve Aviation Center, Weirton, West Virginia

- Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponeer room, and Comsec training area, and a 6,300 sq.ft. OMS

U.S. Army Reserve Center, Wheeling, West Virginia

- Design/build training building with classrooms, administrative areas, library, assembly hall, weaponeer room and medical section, and 17,000 sq.ft. OMS/AMSA

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- Various renovations and new construction under two term contracts

RESUME

John C. Stewart, P.E., LEED AP

Mechanical Engineer

Mr. Stewart has 34 years of experience in the design of HVAC, plumbing, and fire protection systems. His responsibilities have included code compliance verification, schematic layout, calculations, equipment selection, control system selection, specification writing, coordination, life cycle cost analyses, and cost estimating. His experience includes the design of mechanical systems for laboratories, hospitals, educational facilities, industrial plants, and military installations. He has also been involved in the design of chiller and boiler plants.

Education

Master of Science, Mechanical Engineering, 1995, University of Pittsburgh

Graduate Courses in Facilities Engineering, 1984-1987, Air Force Institute of Technology

Bachelor of Science, Mechanical Engineering, 1984, University of Pittsburgh

Experience

H.F. Lenz Company 1995 – Present / Peter F. Loftus Division, Eichleay Engineers, Inc. 1989 – 1996 / Newport News Shipbuilding 1988 – 1989 / U.S. Air Force 1984 – 1988

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania; LEED Accredited Professional

Professional Affiliations

American Society of Heating, Refrigerating, and Air-Conditioning Engineers; APPA; U.S. Green Buildings Council

Project Experience

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- Three new billeting facilities

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- Rehabilitation of New Castle Readiness Center
- Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- Over 100 projects completed under seven consecutive term contracts
- Building 1, New SCIF

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- Various renovations and new construction under two term contracts

Walter Reed Army Medical Center

- Renovation and upgrade to Building 12, Provost Marshal's Facility
- Repair and upgrade of the main steam distribution system from the Garrison's Steam Plant, Building 15, to the Main Hospital building, Building 2

Pennsylvania National Guard, Johnstown, Pennsylvania

- New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

Ohio National Guard, Akron-Canton Regional Airport, Akron, Ohio

- New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

RESUME

Steven P. Mulhollen, P.E.

Electrical Engineer

Mr. Mulhollen is experienced in the design of power distribution systems, control systems, emergency power systems, lighting and emergency lighting systems, fire alarm systems, security, sound, and telecommunication systems for correctional, educational, institutional, industrial, health care, and commercial facilities.

Education

Bachelor of Science, Electrical Engineering, 1988, The Pennsylvania State University

Experience

H.F. Lenz Company 1999 – Present • L. Robert Kimball & Associates 1996 – 1999 • Leach Wallace Associates, Inc. 1990 – 1996 • E.A. Mueller, Inc. 1988 - 1990

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania, Alabama, California, Florida, Iowa, Kansas, Kentucky, Louisiana, Massachusetts, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Rhode Island, Tennessee, West Virginia, DC

Professional Affiliations

Institute of Electrical and Electronics Engineers, Inc.

Project Experience

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- Three new billeting facilities

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- Rehabilitation of New Castle Readiness Center
- Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- Over 100 projects completed under seven consecutive term contracts
- Rocket Army Munititions Center (LEMC), AP Rocket Motor Destruction Facility, Phase I
- Building 1, New SCIF

Pennsylvania National Guard, Johnstown, Pennsylvania

- New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

Ohio National Guard, Akron-Canton Regional Airport, Akron, Ohio

- New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- Various renovations and new construction under two term contracts
- Primary underground site investigation, mechanical, plumbing, electrical, land survey and utility location consulting for 4160V electrical relocation

Pennsylvania State Capitol Complex, Harrisburg, Pennsylvania

- Mail Facility Renovations

RESUME

Gregory D. Rummel, CPD

Plumbing/Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for colleges, schools, office buildings, hospitals, prisons, laboratories, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

Education

Bachelor of Science, Mechanical Engineering Technology, 2000, Point Park College

Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

Experience

H.F. Lenz Company 1989- Present • Newport News Ship Building 1984-1989

Professional Registration / Certification

Certified in Plumbing Design, ASPE

Project Experience

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- Three new billeting facilities

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- Rehabilitation of New Castle Readiness Center
- Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- Over 100 projects completed under seven consecutive term contracts

U.S. Army Reserve Aviation Center, Weirton, West Virginia

- Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponeer room, and Comsec training area, and a 6,300 sq.ft. OMS

U.S. Army Reserve Center, Wheeling, West Virginia

- Design/build training building with classrooms, administrative areas, library, assembly hall, weaponeer room and medical section, and 17,000 sq.ft. OMS/AMSA

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- Various renovations and new construction under two term contracts

Pennsylvania National Guard, Johnstown, Pennsylvania

- New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

RESUME

Keith A. Gindlesperger, P.E.

Principal/Civil Engineer

Mr. Gindlesperger holds a bachelor's degree in Civil Engineering Technology with experience in site planning and design for numerous types of industrial, commercial, and government facilities. His responsibilities in these areas include site design, site utilities, parking and traffic circulation, roadway design, stormwater management, and erosion and sedimentation control. He also has experience working with local municipalities enforcing local planning and zoning codes. He has completed continuing education in stormwater management.

EDUCATION

Bachelor of Science, Civil Engineering Technology, 1998, University of Pittsburgh at Johnstown

EXPERIENCE

H.F. Lenz Company 1998 – Present

PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania, Maryland, Oregon, Virginia and West Virginia

PROJECT EXPERIENCE

Letterkenny Army Depot, Chambersburg, Pennsylvania

- Over 100 projects completed under seven consecutive term contracts
- Civil Engineer for the design and permitting for long-term staging / storage sites for 1000 Mine Resistant Ambush Protected (MRAP) vehicles and associated parts and equipment

Walter Reed Army Medical Center, Washington, DC

- Civil Engineer for the renovation and upgrade to Building 12, Provost Marshal's Facility. This building is a three-story historic structure consisting of 15,000 gsf of interior floor space. The project was completed under an IDC with the Baltimore Corps of Engineers

United Parcel Service, Master Paving & Concrete Rehabilitation Programs – Various Pennsylvania & West Virginia Locations

- Evaluation of existing asphalt and concrete pavement at multiple UPS facilities throughout the Laurel Mountain District
- Recommended a pavement management and rehabilitation program to repair/replace existing pavement or preserve the existing where possible

West Virginia University – Morgantown, West Virginia

- Site design for the new Ag Sciences Building II; included site utilities, grading and drainage plan, stormwater management plan, erosion and sedimentation control plan, WV DEP Permitting, Morgantown Utility Board Approvals.

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- Various renovations and new construction under two term contracts

RESUME

Department of Defense Facilities

U.S. Army Corps Of Engineers, Baltimore

Army Reserve Aviation Facility *Johnstown, Pennsylvania*

- New 120,000 sq.ft. multi-building complex including an armed forces reserve center and an aviation maintenance shop

Army Reserve Center *Beckley, West Virginia*

- New 300-member reserve center with training building and maintenance shop

Army Reserve Center *Morgantown, West Virginia*

- New 300-member reserve center with training building and maintenance shop

Army Reserve Center *Wheeling, West Virginia*

- New 284-member reserve center with training building and maintenance shop

Army Reserve Center *Rainelle, West Virginia*

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center *Weirton, West Virginia*

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center *Brownsville, Pennsylvania*

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center *Johnstown, Pennsylvania*

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center *Kingwood, West Virginia*

- Maintenance shop

Army Reserve Center *Grantsville, West Virginia*

- New 100-member reserve center with training building and maintenance shop

Army Reserve Center *Elkins, West Virginia*

- New 60-member reserve centers with training building and maintenance shop

MORLOCK ARMY RESERVE CENTER *Pittsburgh, Pennsylvania*

- HVAC modifications

COPELY ARMY RESERVE CENTER *Oil City, Pennsylvania*

- Boiler addition

STEELE ARMY RESERVE CENTER *Pittsburgh, Pennsylvania*

- Complete HVAC system replacement

CAMP DAWSON *Kingwood, West Virginia*

- Three new billeting facilities

LETTERKENNY ARMY DEPOT *Chambersburg, Pennsylvania*

- Seven indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

FORT RICHIE *Fort Ritchie, Maryland*

- Two indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

AMMUNITION PLANT *Scranton, Pennsylvania*

- Upgrade lighting system in production shop

911 AIRLIFT GROUP, GREATER PITTSBURGH INTERNATIONAL AIRPORT *Pittsburgh, Pennsylvania*

- Study and design of new Base Civil Engineer Facility
- Indefinite delivery contract for architectural and engineering services

U.S. ARMY CORPS OF ENGINEERS, NORFOLK

WALTER REED ARMY MEDICAL CENTER *Washington, D.C.*

- Energy engineering analysis program, main hospital building

U.S. ARMY CORPS OF ENGINEERS, PHILADELPHIA

PHILADELPHIA, PENNSYLVANIA

- Tenant fit-up

PA DEPARTMENT OF MILITARY AFFAIRS

FORD CITY ARMORY *Ford City, Pennsylvania*

- New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities

Naval Facilities Engineering Command (NAVFAC), Northern Division

Naval Air Station *Lakehurst, New Jersey*

- Air conditioning tune-up study

Naval Ship Parts Control Center *Mechanicsburg, Pennsylvania*

- Administrative facility improvements

Naval Facilities Engineering Command (NAVFAC), Chesapeake & Atlantic Division

Naval Research Laboratory *Washington, D.C.*

- Three indefinite delivery contracts for mechanical, electrical, and structural engineering services (Chesapeake Division)

Oceana Naval Station *Virginia Beach, Virginia*

- Energy monitoring and control system
- Boiler plant modifications (Atlantic Division)

Naval Facilities Engineering Command (NAVFAC), Southeast Division

P-8A Integrated Simulation/Training Center *Jacksonville, Florida*

- New $42.5 million, 165,000 sq.ft. operational training facility for a new Multi-Mission Maritime Aircraft (MMA)/P8-A located at the Naval Air Station; Project goal is LEED Gold

Department Of General Services

Pennsylvania National Guard *Johnstown, Pennsylvania*

- New 23,560 sq.ft. Regional Maintenance Facility

Pennsylvania Army National Guard, 128th Brigade Support Battalion

- Renovation of the 26,700 sq.ft. Crane Readiness Center which houses 250 soldiers

Pennsylvania Army National Guard, 107th Field Artillery Battalion

- Rehabilitation of 23,000 sq.ft. New Castle Readiness Center which houses approximately 120 soldiers

bringing architectural visions to life

ATLANTIC ENGINEERING SERVICES (AES) provides structural engineering consulting services to the eastern regional United States. Established in 1986, the firm is widely respected for its expertise and services. With professionals located in several offices from Pennsylvania to Florida, our clients benefit from proactive, skilled engineers engaging other disciplines and sharing regional experience.

Synergy, creativity, and timeliness are the principles that drive our firm's philosophy, exemplified in more than 15,000 completed projects with gross construction value over $17 billion. Completed projects have been as high as 30 stories with construction costs reaching $450 million. Specialized technology increases the firm's ability to creatively provide structural solutions and enables enriched collaboration between architectural firms, construction companies, fabrication facilities and other consultants for any project regardless of complexity or difficulty.

AES experience covers a range of building categories including medical, scientific, research and technological, K-12 educational, university and collegiate, corporate and high-rise, retail, distribution, telecommunication, collegiate housing, residential, lodging and resort, assisted living and dementia care, parking, religious, naval facilities, film industry support, and specialized housing, training, carrier support and airfield control facilities for the U.S. Armed Forces. Structural services encompass adaptive reuse, building information modeling (BIM), building rehabilitation, concrete restoration, construction support services, design-build, facade restoration, forensics, historic restoration and preservation, LEED certified projects, military facilities, post-tension, transportation, and wooden structures. Our projects often involve LEED criteria and several of our employees are LEED Accredited.

Our project list includes restorations of numerous historic structures, many of which are on the National Register. AES' specialized approach to building preservation and restoration breathes new life into old structures. This approach also extends to non-historic structures where the mark of excellence at maintaining and renovating existing facilities is often economy and simplicity of execution.

But more important than anything else, our professionals listen. When we are involved in the design of a facility, AES digests input from owners and directors, users, facilities managers, the goals of the rest of the design team, and guidance from other vital sources to develop the best solutions possible. We become advocates of your goals, crafting our design around the visions and needs provided to us.

Significant evidence of AES client confidence and satisfaction is the high rate of repeat work and repeat clients. We are proud at AES to say that hundreds of clients have not just hired us for repeat work, but have retained us for 10 or more projects. We have 25 clients for whom we have worked on more than 100 projects, 8 clients for over 200 projects, and one client for whom we've provided services on more than 500 separate projects.

Professionals at the firm enjoy what they do and so they do it well, dedicated to producing lasting structures where people can live, work, play, learn, heal, and worship. At AES we take great pride in…

"Bringing Architectural Visions to Life"

David L. Webb, PE

Principal

EDUCATION

Bachelor of Science, Civil Engineering
Southern Polytechnic State University, 1984
Master of Science, Engineering
University of Central Florida, 1993

PROFESSIONAL REGISTRATIONS

Licensed Professional Engineer in Florida, Georgia, and North Dakota

PROFESSIONAL MEMBERSHIPS

American Society of Civil Engineers
National Council of Examiners for Engineering and Surveying
Florida Structural Engineers Association
Society of American Military Engineers
American Council of Engineering Companies
American Institute of Steel Construction

EXPERIENCE

Mr. Webb has developed experience with a variety of building materials including concrete, steel, timber, masonry and post-tensioned concrete. Since joining the profession in 1984, he has been involved in the design of a variety of structures and has a long list of projects which include education facilities, condominiums, rehabilitation, office buildings, hospitals and parking garages.

In addition, Mr. Webb has an impressive list of design-build military projects for the U.S. Navy, the U.S. Army, and the Army Corps of Engineers including barracks, child development centers, battalion headquarters, and administrative facilities. His experience includes design of new structures as well as retrofitting of existing structures to resist progressive collapse. He is knowledgeable in the design of structures, requiring Anti-Terrorism/Force Protection criteria, including design for blast loads. Mr. Webb has managed successful implementation of the LEED Green Building Rating System.

In reference to the respective proposal, Mr. Webb has proved vital to the success of these related projects and more not listed:

- 82nd Airborne Division Headquarters; *Fort Bragg, NC*
- Passenger Processing Facility; *Ft. Benning, GA*
- Departure/Arrival Airfield Control Group Facility; *Hunter Army Airfield, GA*
- Mobility Center/Base Supply Warehouse; *Air Force Base, Charleston, SC*
- National Guard Armory, Renovations to Building 1822; *Jacksonville, FL*
- James B. Callaway Armed Forces Reserve Center Renovations; *West Palm Beach, FL*
- Fleet Readiness Center Southeast, Building 794 - Vapor Degreaser Relocation; *Jacksonville, FL*
- Repair Eagles Landing B3705, Seymour Johnson Air Force Base; *Goldsboro, NC*

bringing architectural visions to life

Gilbert J. Taylor, PE
President

EDUCATION
Bachelor of Architectural Engineering
Pennsylvania State University, 2000
Master of Architectural Engineering
Pennsylvania State University, 2000

PROFESSIONAL REGISTRATIONS
Licensed Professional Engineer in Colorado, Florida, Georgia, Kentucky, Mississippi, Nebraska, New York, North Carolina, Ohio, Pennsylvania, and West Virginia

PROFESSIONAL MEMBERSHIPS
American Institute of Steel Construction
American Society of Civil Engineers

EXPERIENCE

Mr. Taylor has served on a wide variety of projects including facility studies, new constructions and renovations, building additions, and structural condition assessments throughout the United States.

Mr. Taylor's experience includes the design of many complex structures such as Marconi Building #5 located in Cranberry, Pennsylvania; Presque Isle Downs in Erie, Pennsylvania; Lancaster General Hospital Orthopedic Center in Lancaster, Pennsylvania; several projects for UPMC Hamot Medical Center, including the recently opened Women's Hospital addition in Erie, Pennsylvania; St. Clair Hospital in Pittsburgh, Pennsylvania; St. Elizabeth Medical Center in Boardman, Ohio; and LeNature's beverage facility in Latrobe, Pennsylvania. Mr. Taylor has also designed the new Kellogg House Dormitory for the University of Virginia - a LEED Silver project - and the Stever House, a first-year residence hall for Carnegie Mellon University. One of his largest, most recently completely projects was the 10-story, Southeast Tower at Ruby Memorial Hospital for WVU Medicine located in Morgantown, West Virginia.

Recent projects designed by Mr. Taylor have reached $280 million in construction value. His day-to-day duties include attending design and development meetings, supervising the production of construction documents, reviewing shop drawings, issuing revision sketches, attending site visits and construction meetings, and completing site visit and structural assessment reports.

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Laney S. Stoddard, PE, LEED AP

Senior Project Engineer

EDUCATION

Bachelor of Science in Engineering
Duke University, 2002
Master of Science in Civil Engineering
Georgia Institute of Technology, 2003

PROFESSIONAL REGISTRATIONS

Licensed Professional Engineer in Florida

PROFESSIONAL MEMBERSHIPS

American Institute of Steel Construction

EXPERIENCE

Ms. Stoddard joined the team at AES in 2003, and has since worked on a wide variety of projects industries and building types. Her experience encompasses a variety of building materials including concrete, steel, timber, masonry, and post-tensioned concrete. She has also been involved in the design of many structures including educational facilities, libraries, condominiums, commercial buildings, post-tensioned concrete structures, and has been vital to many design-build military projects for the U.S. Navy and Army Corps of Engineers including barracks, child development centers, battalion headquarters, and administrative facilities.

Her structural consultation experience extends beyond new design services, including threshold inspection, renovation, addition, adaptive reuse, retrofitting existing structures to resist progressive collapse, and anti-terrorism/force protection design services.

Ms. Stoddard is a LEED Accredited Professional and has managed and implemented the Leadership in Energy and Environmental Design (LEED) Green Building Rating System. Her duties include day-to-day project supervision, project scheduling, project design, construction observation, and coordination with other consultants.

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AES
ATLANTIC ENGINEERING SERVICES

bringing architectural visions to life

Fort Meade Military Housing

$440 Million Construction

8700 91st DIVISION BOULEVARD, FORT MEADE MD 20755

Fort Meade became an active Army installation in 1917. Authorized by an Act of Congress in May 1917, it was one of 16 camps built for troops drafted for the war with the Central Powers in Europe.

Development of new housing for an entire military base with thousands of residents is a project at an unusual scale. The privatization of military housing requires the design and construction of large numbers of housing units, typically distributed into various well defined and highly systematized types and sizes.

AES brings to this work several important advantages. First, the size of the firm allows "multi-tasking", with different teams focusing on different elements of the campus design to speed up delivery of Construction Documents. Second, our diverse background helps us to streamline and systematize the design for the builder's advantage, going out of the box to find opportunities for increase efficiency and reduced cost. And our broad geographic coverage increases the design sensitivity to regional costs and issues.

At Fort Meade outside Baltimore, AES has helped to deliver new construction at a rate of 600 units per year for the Army. The total construction value represents the multi-phase and multi-year project.

www.aespj.com

AES
ATLANTIC ENGINEERING SERVICES

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Joint Reserve Base 1470 Bachelor Quarters

$21 Million Construction

301 RUSSELL DRIVE, BELLE CHASSE LA 70037

The new 88,739 square foot Bachelors Quarters apartment building has been designed to accommodate the enlisted personnel at Naval Air Station (NAS) Joint Reserve Base (JRB) New Orleans. The intent was to provide a "Market Style" building that would blend with the surrounding facilities. The building features 61 two-bedroom, two-bathroom units.

The structure is comprised of a structural steel frame with light gage infill and a standing seam metal roof on light gage metal trusses. Blast-resistant design was achieved through the light gage wall framing. Entries feature barrel vaulted brick soffits supported by structural steel framing and concealed lintel systems. The building is founded on deep foundations including a structured first floor post tensioned slab.

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82nd Airborne Division Headquarters

$35.7 Million Construction

2843 NORMANDY DRIVE, FT. BRAGG NC 28310

The new headquarters for the 82nd Airborne Division at Ft. Bragg provides facilities for command and administrative operations. The three story front wing provides conventional office environments, an operations center, storage and other specialized functions requiring tall spaces in the rear.

The structural system for the headquarters is an exercise in the accelerated design of steel framing and precast concrete wall panels. The construction features composite steel framing, all supported on steel columns (with no load bearing masonry) for optimal flexibility and to address anti-terrorism measures. Progressive collapse has been addressed with continuous beam and column moment frames around the tall building perimeter.

For AES, the project is also an exercise in Revit, a BIM software that has allowed the design team to understand and coordinate the structural systems with the mechanical building systems before the start of construction. Structural systems have been modeled to provide opportunities for clash detection with mechanical components.

bringing architectural visions to life

Littoral Warfare Systems Facility

$13.5 Million Construction

NAVAL SURFACE WARFARE CENTER, PANAMA CITY FL

The Naval Support Activity in Panama City started around 1945 when the facility, equipment and personnel were transferred from Solomons, MD to Panama City, FL. The base was first established as the U.S. Navy Mine Countermeasures Station on July 20, 1945. It wasn't until the early 2000s that the base was given its most recent name, the Naval Surface Warfare Center, Panama City.

The Littoral Warfare Systems Facility is a 2-story building, enclosing almost 44,400 square feet, including a high bay installation/outfitting area, with an external, roof-mounted antenna tower. The installation/ outfitting area houses a 15-ton overhead crane. The building superstructure consists of a structural steel frame with a perimeter wall of brick-clad concrete tilt-up wall panels. The roof structure utilizes a galvanized metal deck that is supported by steel beams and K-series joists. The building provides laboratory and support space for Littoral Combat systems research, testing and evaluation, acquisition support, command and control, systems integration, and fleet service life cycle sustenance for the removable mission's packages associated with the new Littoral Combat ship. This project was designed according to LEED standards.

AES
ATLANTIC ENGINEERING SERVICES

bringing architectural visions to life

Joint Combat Aquatic Diver Training Facility

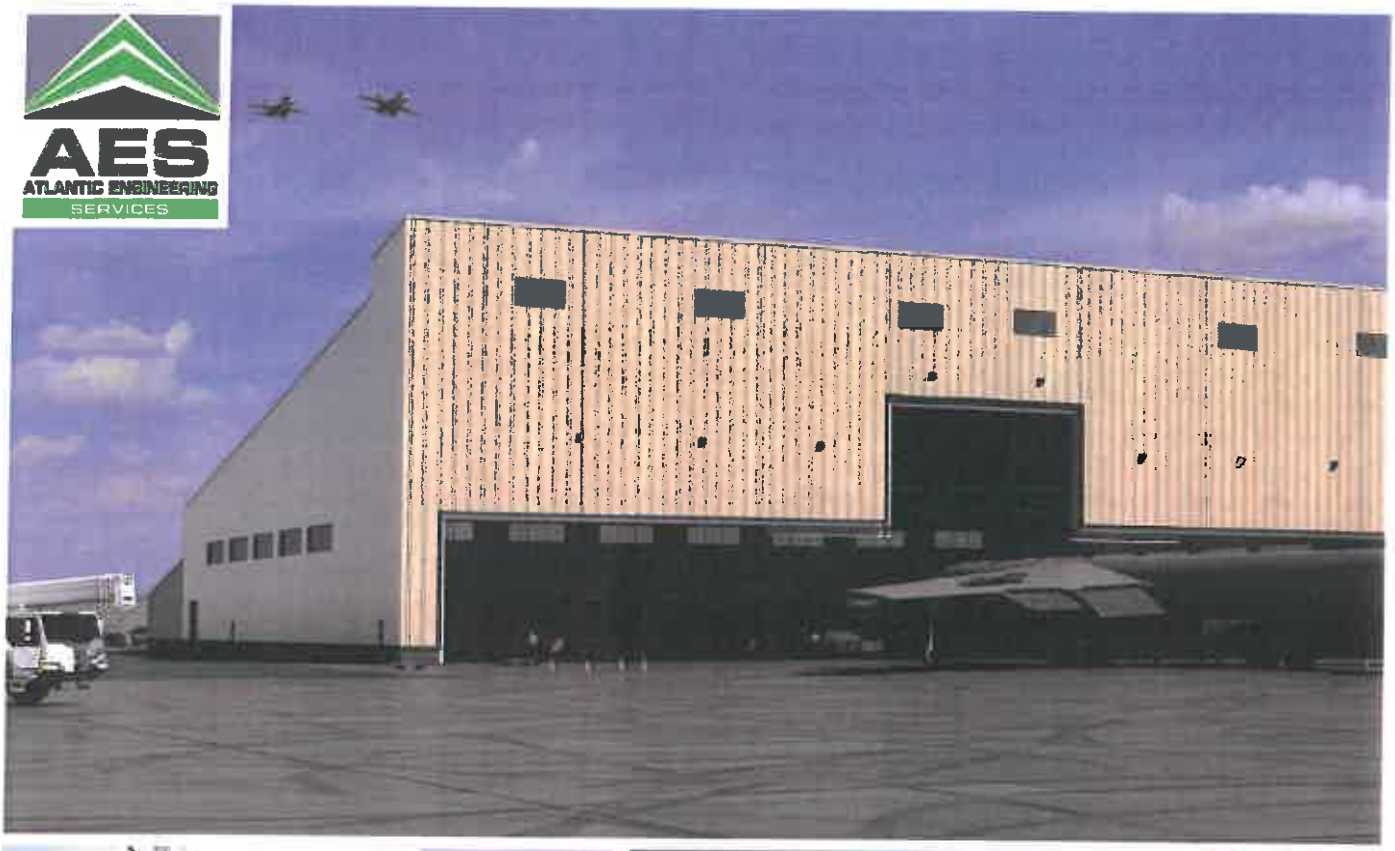
$13 Million Construction

CONFIDENTIAL, PANAMA CITY, FL

This project scope encompassed design and construction of a new 40'-0" deep dive tank/pool, elevated deck area, new walkway connecting the new dive tank to the existing Diver Training Facility (Building 351), a support structure for a 60-ton gantry crane and a new training building (Applied Instruction Building). The scope also included the demolition of the existing stairs to Building 351 and construction of new replacement stairs which provide access for diver emergencies and escape. Concrete bleachers and observation platforms accommodate students and instructors.

The new 2-story, 2,900 square foot Applied Instruction Building houses a classroom, training support space, storage, maintenance areas and mechanical equipment space for the pool. The structural system consists of exterior precast panels, steel beams supporting a concrete slab at the second floor, steel joists and steel beams supporting a metal deck at the roof level. The first floor slab is on-grade. Due to the proximity of the pool, the building structure stands on deep foundations. This project received the "American Concrete Institute" (ACI) "Significant Concrete Structure" award for 2008.

AES
ATLANTIC ENGINEERING SERVICES



bringing architectural visions to life

Weapon Load Crew Training Facility Hangar

$15 Million Construction

425 LINDBERGH AVENUE, BARKSDALE AFB, LA 71110

This project entailed the design and construction of a new 50,839 square foot, single-bay hangar space. The facility houses a B-52 aircraft and contains a Wash Rack and Utility Control Room used for weapons loading training functions and storage. The hangar also houses administrative support offices, a 135 seat auditorium to be used by the 2nd Bomb Wing, and a shop area.

The structural system consist of reinforced concrete foundations, steel columns and trusses, insulated metal exterior siding and a standing seam metal roof.

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FBI Field Office

$14 Million Construction

3311 EAST CARSON STREET, PITTSBURGH PA 15203

Foundations for this 4-story federal building were required to be drilled through the remnants of the former LTV steel mill in Pittsburgh. Hidden vaults and equipment pads were strewn throughout the site with no credible drawings to locate them. A foundation system was designed to accommodate this uncertainty without effecting the project budget and schedule. This was accomplished using auger-cast piles with some spontaneous field visits to relocate and redesign foundation elements.

The frame of the structure consists of steel and diagonal bracing is utilized for the lateral load resisting system. Composite floor slabs provided capacity for heavy filing areas as well as the office and corridor spaces. A precast façade was used with the panels spanning column-to-column. The roof level was framed flat with composite beams and slabs to accommodate a potential future fifth floor. All foundations, columns and lateral bracing were designed to accept the future floor. A narrow bay running the length of the building down the centerline allowed shallower floor framing at each level to accommodate the large trunk ductwork at each floor. This enabled the floor-to-floor height to be optimized.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:CEOI ADJ1900000005

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)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[X]	Addendum No. 2	[ ]	Addendum No. 7
[X]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	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.

Omni Associates - Architects
Company

Colin R. Sowden
Authorized Signature

8/29/18
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

Date:	Omni Project #	Project Name:
August 28, 2018	Proposal	Barracks Building 246 Renovation Design

To:

Dept. of Administration, Purchasing Division
Attn: Stephanie Gale, Senior Buyer

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 Camp Dawson Barracks Building 246 Renovation Design
2		
3		
4		
5		
6		
7		
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10		
11		
12		
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14		
15		

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: