

February 4, 2022

Mr. David Pauline, Senior Buyer, Purchasing Agent
West Virginia Department of Administration,
2019 Washington Street East
Charleston, WV 25305

RE: Architectural and Engineering Services for Clarksburg Armory Window and HVAC Renovations
(Solicitation Number: CEOI 0603 ADJ2200000009)

Dear Mr. Pauline:

Williamson Shriver Architects, Inc. was excited to learn of the Expression of Interest for Architectural and Engineering services for the Clarksburg Armory Window and HVAC Renovation project for the West Virginia Department of Administration and the West Virginia Army National Guard. We are pleased to have an opportunity to submit our team's qualifications, experience, and other credentials for your consideration.

Williamson Shriver Architects' staff combines for over 100 years of experience on hundreds of architectural design projects of all types and sizes located throughout West Virginia. Our firm has established practices in place to ensure that your project is completed on time and within budget. Our design, engineering, and construction administration talents have been proven over and over throughout our firm's thirty-five plus year history. Within the past seven years, we have provided design services for some interior renovations at the Clarksburg Armory and the Weston Armory.

Please accept this letter as our team's Expression of Interest in serving as your design team for this exciting project. In addition to Williamson Shriver Architects, Inc., our proposed project team will include Tower Engineering, of Pittsburgh, PA (HVAC, electrical, plumbing, and fire protection design) for the design scope and CAS Structural Engineering, of Alum Creek, WV (structural investigation and structural design). Our firms have worked together successfully on many past projects throughout all regions of the state. We jointly have a strong understanding of design creativity, building systems and materials, constructability, and the economics of construction in the different regions of West Virginia. We invite you to review the attached Statement of Qualifications which describes in depth our team's capabilities, experience, and personnel and includes all of the information delineated in your Expression of Interest.

We are excited about this project and are eager to be selected to work with the West Virginia Department of Administration for the WVANG Clarksburg Armory project as the Architect. We look forward to a personal interview with your selection team during which we can present our credentials in greater detail.

We look forward to hearing from you soon.

WILLIAMSON SHRIVER ARCHITECTS, INC.


Greg Martin | AIA | NCARB
Architect / Principal

02/08/22 10:46:13
WV Purchasing Division

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West Virginia Department of Administration
Statement of Qualifications for Architectural / Engineering Design Services for
Clarksburg Armory Window and HVAC Renovation

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General Information

A general description of the firm that is proposing to provide services. Explain the legal organization of the proposed firm.

Firm Overview

Williamson Shriver Architects Inc. is an award-winning, multi-disciplinary design firm with business roots back to 1967. While specializing in educational and commercial planning and design, we provide design services to a diverse client base throughout West Virginia. With construction values exceeding one billion dollars over our history, the size and scale of our projects have ranged from detailed designs for small interior renovations to large multi-million dollar new facilities. Large or small, simple or complex, every project has our commitment to diligent, thoughtful design. Our functional and distinctive buildings reflect the vision of our clients and the spirit of our communities.

Experienced, capable, and responsive, we have a long tradition of excellence and client commitment. Simply put ... we listen ... and combine what we learn from

listening with a clear understanding of technology, sustainability, and a wealth of experience. Every Williamson Shriver Architects design is a collaboration with the end user. Our finished projects work for people because they start with people. Through focus groups, individual interviews, and public meetings, we ask our clients to stretch their imagination and anticipate how they will

use each space. The result of this process ... flexible design solutions that respond to people and make the most of budgets.

Commitment to quality, dedication to project and client, and a nearly fifty year tradition of innovation and architectural excellence... that's Williamson Shriver Architects. No matter what the program, site, or budget, we've been there and we have the experience and vision to shape your project into a success.

At Williamson Shriver Architects, we're listening.

The Vision of our Clients and the Spirit of our Communities.



Legal Organization

Williamson Shriver Architects is a type S corporation licensed as a business by the WV Secretary of State and headquartered in Charleston, WV. Our firm qualifies as a Federal Small Business and has applied for such registration with the U.S. Small Business Administration.

In House Services

- Pre-Design & Planning
- Architecture
- Interior Design
- Construction Procurement / Administration
- Cost Estimating
- Sustainable Design

Services through Partners

- Site and Civil Engineering
- Landscape Design
- Historic Review & Preservation
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Lighting Design
- Technology and Security Design
- Audio / Visual Design
- Acoustical Design
- Interior Design



Left: Back exterior facade of Chief Logan Lodge outdoor gathering area and balconies for the suites. The expansion of the suites was added to the existing Chief Logan Lodge in 2006.

Above: The main entrance to Eastwood Elementary School in Morgantown, West Virginia. This school was designed and achieved a LEED Gold rating in 2015.

Scope of Available Services

A general description of the services available.

Williamson Shriver Architects is a small firm but with a huge attitude of service to our clients. To assist our clients we offer the following design services listed as either basic or additional services. Services offered by outside consultants are indicated.

Pre-Design Services

- Existing Facilities Surveys
- Feasibility Studies
- Programmatic Specifications
- Site Analysis and Selection
- Zoning Processing Assistance
- Bond Issue Planning Assistance
- Educational Facility Planning

Architectural Design

- Building and Site Design
- Renovation / Restoration Design
- Roof System Renovation / Replacement
- Materials Research and Specifications
- ADA / Life Safety Research
- Budget Analysis
- Value Analysis
- Scheduling

Interior Design

- Space Planning
- Tenant Fit-up
- Furniture and Equipment Procurement
- Selection of Interior Finishes
- Color Coordination

Construction Procurement / Administration

- Preparation of Contract Documents
- Bidding / Negotiation
- Contract Administration
- Construction Observation
- Post-Occupancy Services

Other Services

- Facilities Documentation utilizing Autodesk Revit or Autocad
- 3D Visualization Renderings
- Promotional Materials
- Graphic Design
- BIM (Building Information Modeling) Coordination

Consultant Services

(The following services are provided through the assistance of outside consulting firms:)

- Structural Design
- Mechanical / Electrical Engineering
- Fire Protection Design
- Landscaping Design
- Civil Engineering
- Stormwater Management
- Wastewater Treatment Plant Design
- Acoustical Design

At right:

South Charleston Fire Station No. 1 located in downtown South Charleston, West Virginia. This new building was a replacement of the existing Station No. 1.





Firm Profile

CAS Structural Engineering, Inc. — CAS Structural Engineering, Inc. is a West Virginia Certified Disadvantaged Business Enterprise structural engineering firm located in the Charleston, West Virginia area.

Providing structural engineering design and/or analysis on a variety of projects throughout the state of West Virginia, CAS Structural Engineering has experience in excess of 30 years on the following types of building and parking structures:

- Governmental Facilities (including Institutional and Educational Facilities)
- Industrial Facilities
- Commercial Facilities

Projects range from new design and construction, additions, renovation, adaptive reuse, repairs and historic preservation (including use of The Secretary of the Interior's Standards for Rehabilitation) to evaluation studies/reports and analysis.

CAS Structural Engineering utilizes AutoCAD for drawing production and Enercalc and RISA 2D and 3D engineering software programs for design and analysis. Structural systems designed and analyzed have included reinforced concrete, masonry, precast concrete, structural steel, light gauge steel and timber.

Carol A. Stevens, PE is the firm President and will be the individual responsible for, as well as reviewing, the structural engineering design work on every project. Carol has over 30 years of experience in the building structures field, working both here in West Virginia and in the York, Pennsylvania vicinity. Carol is also certified by the Structural Engineering Certification Board for experience in the field of structural engineering.

CAS Structural Engineering, Inc. maintains a professional liability insurance policy.

PO Box 469 • Alum Creek, WV 25003-0469 **PHONE** 304-756-2564 **FAX** 304-756-2565 **WEB** www.casstruceng.com

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WV **GA** **NY** **OH** **MD** **PA**

TOWER ENGINEERING, INC. OVERVIEW AND SERVICES

Tower Engineering has been providing innovative mechanical, electrical, plumbing, and fire protection solutions since 1931. While Tower is a generalist firm, it primarily serves the higher education and K-12, healthcare, senior living, hospitality and recreation sectors in both renovations and new construction. The firm's highly-trained staff of project managers, designers, and technical support personnel is capable of providing consulting services for every type of project - from a small, single-family residence to a high tech research facility incorporating redundant mechanical and electrical systems, DDC energy management and thermal storage. We have worked with the University of Pittsburgh since the mid 1990's, doing over 60 projects on their campus. We have also worked with Cannon Design since 2016, doing three projects with them, two of them being at the Westmoreland County Community College.

Our engineers utilize state-of-the-art software programs for the design of lighting, electrical power and mechanical systems. Lighting analysis includes point-by-point calculations, ESI analysis, exterior lighting analysis, and life cycle cost comparisons. Electrical power analysis includes fault current and load flow analysis.

Mechanical design and analysis services include energy economic analysis, thermal storage analysis, heating and cooling load calculations, refrigerant piping design, water system designs, along with BIM modeling. Our professional staff utilizes computer selection of air handling units, coils, pumps, terminal devices, fans, cooling towers, chillers, heat exchangers, kitchen hoods, hydronic and steam specialties, humidification equipment and heat recovery equipment.

Sustainability principles are considered at every design point, and firm principals personally lead every project. The firm has 26 employees, including eight (10) Registered Professional Engineers and eight (8) LEED Approved Professionals

HVAC

- Heating and cooling system design
- Ventilation system design
- Building automation systems
- Control systems and energy monitoring
- Geothermal system analysis and design
- Heat recovery systems
- Kitchen and laboratory exhaust systems
- Smoke evacuation systems
- Computer room environmental control systems
- Building commissioning services

ELECTRICAL

- Interior and exterior lighting design and studies
- Lighting controls
- Primary and secondary voltage power distribution systems
- Fire detection and alarm systems
- Computer data and power systems
- Uninterruptible power supply systems
- Reinforced and masking sound systems
- Lightning protection systems
- Fault current studies
- System over-current protection coordination
- Security systems

TECHNOLOGY

- Voice communication systems
- Data network systems

PLUMBING

- Water resource efficiency analysis
- Sanitary drainage systems
- Storm water management
- Domestic water systems
- Waste water treatment systems
- Hospital and laboratory piping systems
- Fuel oil piping systems
- Irrigation systems

FIRE PROTECTION

- Standpipe and sprinkler systems
- Fire protection systems

COMMISSIONING

- New Construction Commissioning
- Renovation Commissioning
- Retro-commissioning
- Recommissioning
- Value Recommissioning

Project Approach & Understanding

Project Approach

As fully described in Tab E of this Statement of Qualifications, Williamson Shriver Architects has a variety of projects fully constructed with similar size and design requirements to the project by the West Virginia Department of Administration and West Virginia Army National Guard.

The success of those projects are not by accident. It is said, good design comes from good listening. You are not hiring an architect to "tell you how to design and build your building" Rather, you are hiring an architect to compose a design by synthesizing the specific needs, activities, skills, and limitations of your department, personnel, and site into a holistic, responsive design. Williamson Shriver Architects continually stresses the importance of involving the building user throughout the design process and facilitating their input into a final program and design solution.

This planning process starts with the schematic "big picture" design concepts and continues all the way to small details including interior design and furniture selection. We utilize a variety of methods in this process to make the design intent more understandable to lay-person committee members. These include presentations, design charrettes, interior and exterior 3D concepts modeling, digital walkthroughs and general discussions and feedback.

We firmly believe that our track record of these successful projects is directly attributable to this inclusive and interactive process with our clients.

Williamson Shriver Architects has reviewed the scope of work provided for the Clarksburg Armory Windows and HVAC Renovations for the West Virginia Army National Guard. We understand the scope of work is funded by the State of West Virginia as follows:

- Provide full design services which include architectural, structural, mechanical, electrical, plumbing and interior design and construction administration for the scope of Windows and HVAC replacement to the existing building.

Design Management

Williamson Shriver Architects is a mid-sized firm but with a small-firm attitude of service to our clients. Principal Ted Shriver, is

actively involved in all aspects of all the firm's projects from concept to completion. To ensure consistency of quality design, all planning and design concepts originate under the direct supervision of the partners.

On this project, Greg Martin will be the Architect of Record and will directly oversee all design activities as well as be the main point of contact with the Owner. Directly under Mr. Martin's leadership, Dana Scarberry will serve as Project Manager, and will be assigned with the responsibility to produce documents and specifications based upon the design as well as to coordinate all team member activities and contributions to the project.

For mechanical/electrical engineering structural engineering design services on this project, Williamson Shriver Architects will team with two consulting firms specifically selected to provide the most comprehensive, highest



Above: Front facade of the Chief Logan State Park Lodge. The right conference center was completed in 2002 and the left guest suite addition was complete in 2006

Project Approach & Understanding

Continued

quality specialty services relating to this project.

- Tower Engineering, a Pittsburgh PA consulting engineering firm who will provide HVAC, electrical, plumbing and fire protection design services.
- CAS Structural Engineering, of Alum Creek, WV a consulting engineering firm that specializes in structural design services.

Design Schedule

A master project schedule will be prepared to reflect all of the work tasks for the project organized by design phase and showing timelines and milestone dates for all tasks. We will also show the organization/individual responsible for the task. It will be organized as a horizontal bar chart. The schedule will be tested at critical intervals and measures taken to assure the schedule is maintained. Work efforts are tested against progress so that potential conflicts and delays can be detected quickly and appropriate action taken immediately to preserve scheduled milestones.

Evaluation of Existing Facility

Prior to commencing design, our project team will investigate and evaluate your existing facility. This will be done by reviewing all available architectural and engineering drawings, visiting and physically measuring the build-

ing and its components, photo or video-documenting the existing conditions, verifying in the field that the building components are consistent with the original documents, documenting any changes to the facility which may have been made during its occupancy, evaluating the functional life expectancy of existing building systems, and reviewing all available Owner held documents such as Fire Marshal reports, hazardous materials reports, maintenance records, etc. which may

We continually stress the importance of involving the building users in the design process and facilitating their input...

impact the final scope of renovation work. Our team will then produce a Revit building model reflecting the existing conditions of the building(s).

Schematic Phase

Based upon the approved project scope, the design team will begin to generate the design approach to best set the existing facility. We will also begin the process to investigate appropriate mechanical, electrical, and other relevant systems. The project scope will be presented for review and staff/owner comments along with cost estimates for selected scope. A cost estimate for this proposed scheme will be finalized, and the

entire package submitted to the owner for approval.

Construction Documents Phase

Upon approval of the Schematic Design Phase drawings, the project team will prepare closely coordinated construction drawings and final specifications detailing the quality levels for materials and systems needed for bidding and construction. The design team will also incorporate into the Construction Documents the design requirements of authorities having jurisdiction over the project, including but not limited to the Americans with Disabilities Act, applicable state and local building codes, ordinances, and standards, and any standards provided by the Owner. To enhance the coordination effort between the disciplines, all team members will utilize AutoDesk Revit Building Information Modeling software in the preparation of these documents.

The work of this phase will include furthering the interior design concepts previously developed by selecting material colors and patterns for inclusion into the project. Additionally, furnishings and equipment appropriate to the function and quality of the proposed design will be selected. The design team will meet as needed with the Owner to gain input regarding these interior design elements.

The design team will confer

Project Approach & Understanding

Continued

with the Owner to develop and prepare bidding and procurement information, the contract for construction, as well as the conditions of the contract for construction. All of these documents will be contained within the final Project Manual to be released to potential contractors.

The project cost estimate will be updated reflecting the work described in the Construction Documents along with appropriate strategies to deal with any cost issues which may arise. The completed Construction Documents package will be submitted to the Owner and authorities having jurisdiction for review and approval.

Bidding Phase

Williamson Shriver Architects will assist the Owner as necessary in the advertising of the project for bidding. To further competitive

bidding, we will actively market the project to contractors known to specialize in work consistent with the project scope. We will assist the Owner as needed in conducting the bid opening. On behalf of the Owner, we will evaluate the bids received and delineate any options for award, and provide our recommendation as to the award for a contract for construction that is in the best interest of the Owner.

Contract Administration Phase

The construction phase may be a small portion of an architect's fee, but this phase plays a large role in our success. After the commencement of construction, Jason Shanite will take the lead during the construction process. Mr. Shantie has 10+ years experience on the construction side of project where he worked for a reputable WV contractor. The knowledge he gained there will be applied to constructions projects as a contract administrator for Williamson Shriver Architects. As such, he is well known and respected by many commercial contractors around West Virginia. During this phase, he will be assisted by numerous members of the design team who will continue their roles from the design phases.

Member(s) of the project team will be present on the project site at two-week intervals, will

attend all construction progress meetings, will become generally familiar with the progress and quality of the work completed, and will determine in general that the work is being completed in accordance with the Contract Documents. On behalf of the Owner, we will reject any work not conforming with the Contract Documents.

In between site visits, Mr. Shantie, with assistance of project team members will review and take action on contractor submittals, process change orders and payment requests, issue field memos and clarifications as needed, prepare punch lists, and certify completion of the project.

Post-Construction

Williamson Shriver Architects team will not walk away from a project at final completion. Rather, we continue to assist our clients with warranty issues which may arise after completion. We will also conduct an eleven month walkthrough to observe any other warranty issues, and also will conduct an interview with a committee of the Owner's staff and building users. This feedback will allow the project team to evaluate the performance of the final design, to determine whether the design adequately meets the Owner's needs, and gives our team members valuable input helping us to improve our knowledge for services on future projects.



Project Approach & Understanding

Continued

Even after the expiration of the twelve month warrantee period, Williamson Shriver Architects continues to service clients on our completed projects. Time and again throughout our firm's history, we have assisted Owners of our completed projects years after occupancy on issues relating to the function of building components and systems. Never once have we invoiced for these services.

Quality Control

Cost Control

It is vitally important that the project budget, program and outcome expectations are compatible from the outset. Once the initial project budget and project scope is established and agreed upon, all future cost estimates and design decisions will be measured against that budget and program. As indicated herein, further cost evaluation will be performed at the completion of schematic and design development drawings, and at 75% completion of contract drawings. Between formal estimates, the design team is constantly evaluating design and materials/specification alternatives in an on-going effort to achieve the project goals in a cost effective manner and to maximize the value of the funds available for the project.

Design Technology

All of our major consultants use Autodesk Revit, a Building Infor-

mation Modeling (BIM) software product. As a result, BIM will be utilized throughout the design process. Well beyond traditional drafting software, BIM is a more holistic approach to building design and culminates in an electronic 3-dimensional model of the building and contains 'intelligent' components. This product is not only a valuable production tool for the design team, but also offers several benefits to the Owner. For example, it's 'clash detection' capabilities offer better technical control of the coordination between work of multiple disciplines, reducing the number of potential change orders during construction. The software also allows for enhanced clarity of contract documents, and provides a potential facilities management benefit for clients through the manipulation of the intelligent components contained within the model. Williamson Shriver Architects was among the first architectural firms in West Virginia to routinely utilize BIM software on our projects.

Quality Management

Williamson Shriver Architects is proud of our success rate for meeting tight project budgets with a low incidence of construction change orders. We believe that this success stems largely from the retention rate of our long-term staff and selection of consultants that are highly specialized in the type of project being designed.

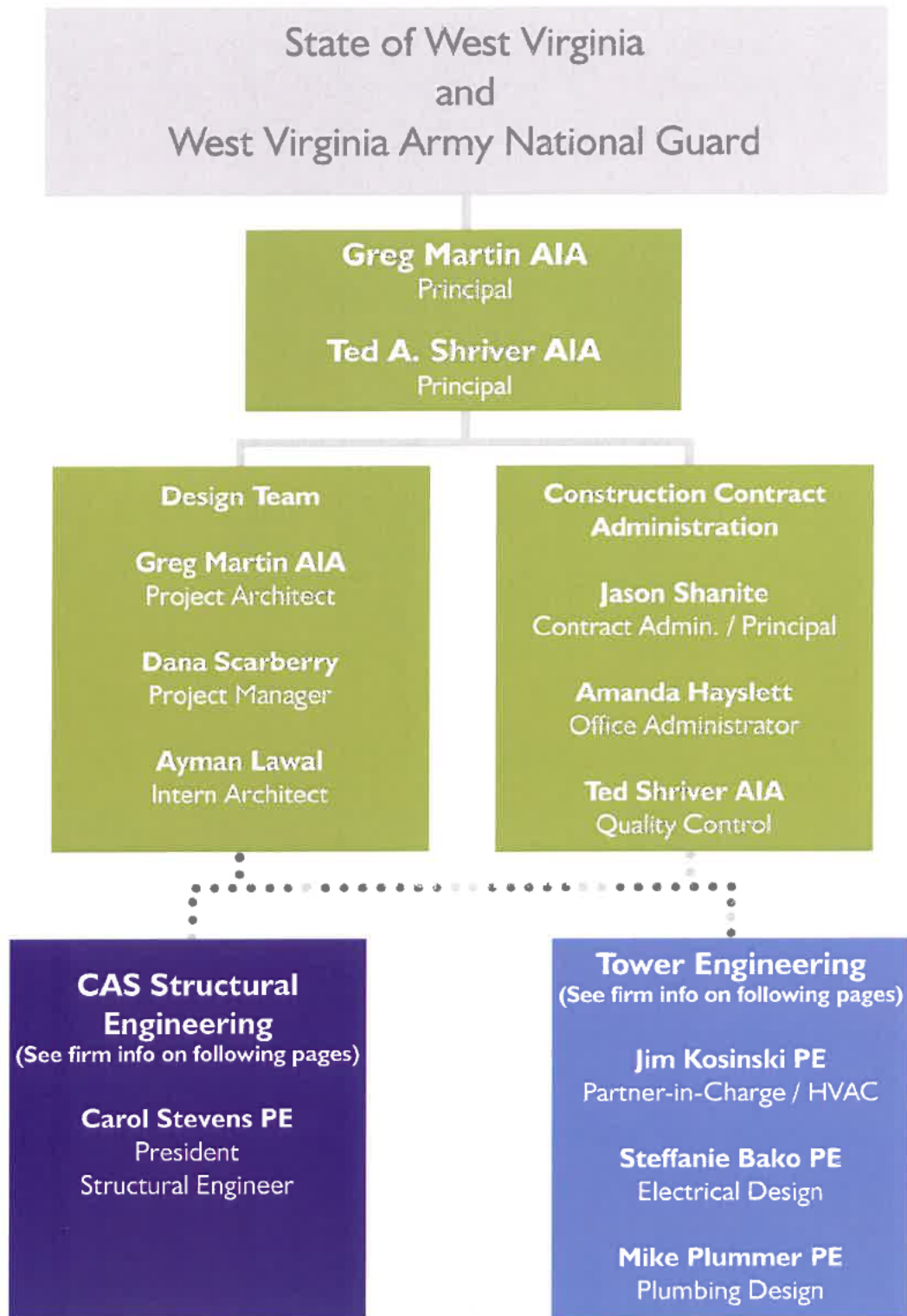
We have several peer review steps in place to review Construction Documents prior to letting them out for bidding. These include a design partner coordination review, review by the Construction Administrator who has jobsite experience, and involvement of nearly all of our production staff in the preparation of technical specifications ... whether or not they are otherwise working on the project ... to assure that the documents are reviewed by a "fresh set of eyes". All of these steps taken together, eliminate most design errors before they make it out of our office.

As products and product applications are constantly changing, our staff and consultants are continually updated on new materials and methods of construction through both internal and outside seminars and programs.

Lastly, utilization of Building Information Modeling (BIM) software greatly reduces the potential for design errors. This is due in part to the integrated approach in which the software cross references information, as well as its potential for clash detection, greatly reduces the potential for design errors. This is due in part to the integrated approach in which the software cross references information, as well as its potential for clash detection.

Team Organization

An organizational chart showing numbers and types of key personnel that will be providing design and construction phase services for this project.



More detailed information for these key personnel may be found in Tab C.
Resumes for individuals in this chart may be found in Appendix I.

Personnel Experience

- 1 A list of all key personnel that will be assigned to this project and describe the roll each will play
- 2 A list key persons that will be assigned to this project that are Licensed Architects, Construction Administrators, LEED AP's per the U.S. Green Building Council, and who are experienced in the use of Building Information Modelling software.
- 3 A list any proposed consultants, including key staff names and the experience and qualifications of these individuals or firms.

Name	Project Role	Years with Firm	Registration	CA Exp.	LEED Status	BIM Exp.
Ted Shriver	Principal / Qual. Control	37	Arch-WV	F/O	AP BD+C	2
Greg Martin	Principal / Architect	13	Arch-WV	F/O		4
Jason Shantie	Principal / Con. Adm.	2	N/A	F/O		1
Dana Scarberry	Project Manager	31	N/A	O		4
Ayman Lawal	Intern Architect	1	N/A	F/O		2
Amanda Hayslett	Administrative Assistant	3	N/A	F/O		1
Carol Stevens	Structural Engineer	15	P.E.- WV	F/O		2
Jim Kosinski	MEP Engineer-of-Record	34	P.E.- WV	F/O	AP	1
Steffanie Bako	Electrical Design	22	P.E.- WV	F/O	AP	4
Mike Plummer	Plumbing Design	22	P.E.- PA	F/O	AP	4

See Organization Chart in Tab I for more information regarding division of personnel among team member firms. Resumes for these key persons can be found in Appendix I.

Legend (CA Experience)

- F Field CA Experience
- O Office CA Experience

Legend (LEED Status)

- AP Accredited Professional
- AP BDC Accredited Professional with Building Design and Construction Certification
- LEED Leadership in Energy and Environmental Design

Legend (BIM Experience)

- 1 Not Applicable to Position
- 2 Some Usage
- 3 Moderate Usage (Proficient)
- 4 Significant Usage (Expert)



Above: Dining room of the Chief Logan Lodge that was completed in 2002.

Ted A. ShriverAIA / LEED AP BD+C / REFP
Architect / Principal

Ted Shriver is a registered architect and President of Williamson Shriver Architects. In addition to his role as firm business manager, he is additionally responsible for the office-wide coordination and production of contract documents. He brings to the firm 40 years of architectural experience, and his primary responsibilities include assurance that appropriate production and support resources are applied to each project.

Office management, marketing and construction administration on smaller scope projects add to his daily responsibilities. He also oversees the firm's computer system, including evaluation and installation of new technology.

He has extended this computer expertise to an understanding of the utilization and implementation of technology in school facilities and attends the Council of Educational Facility Planners' Technology Conferences. Since 2005, Mr. Shriver has focused on establishing guidelines for our designs on implementing safe schools and monitoring systems.

Mr. Shriver is active in the Association for Learning Environments (ALE) especially in the Southeast Region. In 2003, he was one of the founding members of the West Virginia Chapter and served as their President from 2004-2007. He has also served as the Southeast Director since 2002.

Education:

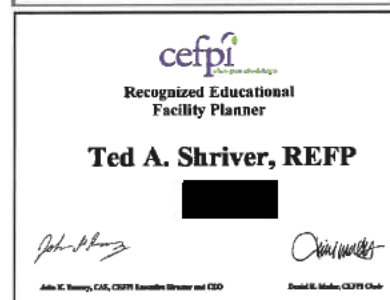
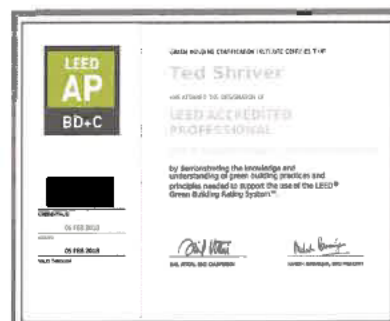
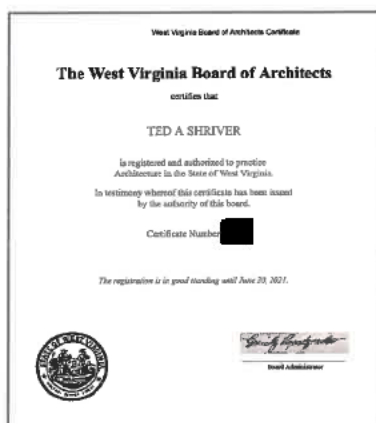
Fairmont State College, 1979
A.S. Architectural Technology
South Charleston High School 1977

Registration:

Architect, WV (2811)
Architect OH (11173)
Architect MD (10948)
Green Building Certification Institute
LEED Accredited Professional
(AP BD+C)

Affiliations:

West Virginia State Fire Commission
2009-Present
Code / Regulatory Committee, Chair
2009-Present
American Institute of Architects
WV Chapter
Executive Committee 2008-2013
Treasurer 2008-2013
Association for Learning Environments
Southeast Region
Alternate Director 2002-2003
Region Director 2003-Present
Recognized Educational Facility
Professional Certification (REFP)
Contractors Association of WV
Kanawha Valley Builders Association
International Code Council
National Fire Protection Association
South Charleston Board of Health
United States Green Building Council



Gregory I. Martin

AIA/NCARB

Project Architect

Greg Martin received his Masters of Architecture Degree from Virginia Polytechnic Institute and State University in 2008 after graduating from Fairmont State University in 2005. In the fall of 2008, he joined Williamson Shriver Architects as a project manager overseeing small renovation and additions projects. As his experience grew, his responsibilities with the firm increased. In 2013, he officially began the pursuit of architectural licensure and in early 2016 he successfully concluded his Architectural Registration Examination and became licensed to practice architecture in WV.

As Project Architect, he specializes in building design and production / coordination of construction documents for projects of all types and sizes.

Mr Martin's project portfolio with Williamson Shriver Architects includes Poca Elementary/Middle School, Leading Creek Elementary School, the Ronald McDonald House in Charleston, Little Creek Golf Course Clubhouse, the LEED candidate Gilmer County Elementary School in Glenville and Charleston Fire Station No. 3 which reopened to active duty August of 2018.

In addition to his professional career, Mr. Martin is an accomplished craftsman in wood, concrete and other media.



Education:

Virginia Polytechnic Inst. & State Univ.
Master of Architecture - 2008
Fairmont State University
B. S. - Architectural Eng Tech - 2005

Registration:

Architect, WV [REDACTED]

NCARB Certified ([REDACTED])

Previous Employment:

Marks-Thomas Architects
2008

Thomas Koontz Architect, P.C.

2006 (Summer Intern)

WYK Associates, Inc.

2003-2005

Affiliations:

American Institute of Architects

AIA Member

American Institute of Architects WV

Chapter

Executive Committee Board Member

2021 - Present

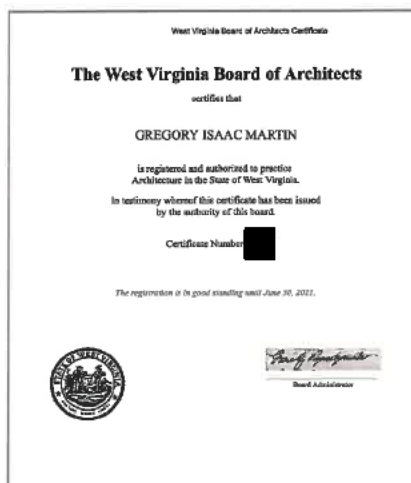
Fairmont State University - PAC

Professional Accreditation

Committee for the Architecture

Program

2019 - Present



Jason J. Shantie

Contract Administrator

With over ten years of experience working on multi-million dollar projects from a West Virginia base Construction Company. Mr. Shantie will bring his experience, insight and skills to our team on all aspects of our projects. His portfolio consists of over \$100 million worth of projects of various sizes and scopes. He has been involved in every aspect of construction project from takeoff's, estimating/conceptual estimating, bidding, buyout, contracts, submittals, RFI's, Change Order's, forecasting, budgeting, and project closeout.

He will be involved during the design phases of projects to provide construction estimates, constructibility reviews, and project schedules.

When a project begins the construction phase, Mr. Shantie will take on the role of Contract Administrator and perform duties both in the field and in office. While on the field, he will observe projects to confirm they are constructed correctly and be the point of communication between the owner and the contractor. While in the office his duties will include shop drawing review, payment applications review and project management.



Education:

Everglades University, 2013

B.S. Construction Management

West Virginia University

Institute of Technology, 2008

A.S. Building Construction Technology

Certifications:

OSHA 10 Certification

Previous Employment:

Maynard C. Smith Construction Co.

2009 - 2020

Commerical Casework Solutions

2008- 2009

Dana W. Scarberry

AIA Associate
Project Manager

A longtime employee of Williamson Shriver Architects, Mr. Scarberry has spent his adult lifetime in working in the architecture and building design industry, joining Williamson Shriver Architects in 1990. In this time, he has amassed considerable and invaluable knowledge and experience regarding building design, systems, and detailing. He serves as our senior Project Manager, advancing the design prepared by the partners into a complete and coordinated set of constructable documents. As part of this process, he brings his extensive knowledge of building

codes and standards, coordination of consultants providing site, electrical and mechanical systems design, and preparation of building system specifications.

Mr. Scarberry also has considerable experience in roofing design. Over the course of his career he has designed millions of square feet of roofing and roofing replacement. He also serves as Williamson Shriver's in-house coordinator of door hardware and kitchen equipment design.



Previous Employment:

Hoblitzell, Daley & McIntyre Architects
1978 - 1990

Walt S. Donat -- Architect
1975 - 1978

Affiliations:

American Institute of Architects
AIA-WV Chapter - Associated Member

Experienced in:

Document Assembly and Production
Door Hardware Design
Kitchen Equipment Layout and Design
Roofing Systems Technology & Design

Ayman Lawal

Intern Architect

Ayman Lawal received his Masters degree in Architecture from Howard University, Washington D.C. in May 2021. In September, he joined Williamson Shriver Architects as an intern architect / emerging professional.

His college experience exposed him to a plethora of project types and building systems including, residential, commercial, administrative, and communal/ landscape projects. He also has experience and specializes in the production of construction documents.

At Williamson Shriver Architects, he assists in the development and coordination of project in all design phases including project planning and programming, schematic design, project bidding and contract administration. His experience at Williamson Shriver Architects will be foundational is his pursuit towards becoming a licensed professional/ project manager.



Education:

Howard University, 2021
Masters In Architecture

Previous Employment:

Y-EL Associates, Abuja, Nigeria
Jun. 2018 - Aug. 2018

Experienced in:

Construction Documents Assembly
Building design planning and drafting
Graphic Design
Photography
Site data collection

Amanda Hayslett

Administrative Assistant

Amanda will serve as an administrative assistant for Williamson Shriver Architects. Having worked as a administrative assistant for accountants, engineers and construction companies over the past twenty-five years, she will apply that experience and knowledge to the team. Her project based responsibilities include, but are not limited to, development of contracts / agreements, project manual assembly, specifications, assistance with the bidding process, processing of bonds and insurance, construction cost monitoring, construction phase submittals, applications for payment processing and project closeout documentation.

As construction phase submittals manager, she maintains the electronic submittals log, assuring that action by staff and consultants is taken as expeditiously as possible.

In addition to these project based responsibilities, she also plays an essential primary role in preparation of educational planning documents such as annual updates and ten-year plans for numerous county school systems.



Education:

West Virginia State University, 1986
A.S. Computer Programming

Previous Employment:

Kanawha Stone Company
2018 - 2019
Green Meadow of WV, Inc.
1999- 2018
Ghosh Engineering, Inc.
1996 - 1999
Herman & Cormany, CPA's
1986 - 1993



Carol A. Stevens, PE, F.ASCE

Structural Engineer

EDUCATION

West Virginia University, BSCE, 1984
Chi Epsilon National Civil Engineering Honorary
The Pennsylvania State University, ME Eng Sci, 1989

PROFESSIONAL REGISTRATION

P.E.	1990	Pennsylvania
P.E.	1991	West Virginia
P.E.	1994	Maryland
P.E.	2008	Ohio
P.E.	2010	Kentucky
P.E.	2013	Virginia

BACKGROUND SUMMARY

2001 – Present	President, Structural Engineer CAS Structural Engineering, Inc.
1999 – 2001	Structural Engineer Clingenpeel/McBrayer & Assoc, Inc.
1996 – 1999	Transportation Department Manager Structural Engineer Chapman Technical Group, Inc.
1995 – 1996	Structural Engineer Alpha Associates, Inc.
1988 – 1995	Structural Department Manager Structural Engineer NuTec Design Associates, Inc.
1982 – 1988	Engineer AAI Corporation, Inc.

PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers
National Society of Professional Engineers
American Concrete Institute
American Institute of Steel Construction
West Virginia University Department of Civil and
Environmental Engineering Advisory Committee
West Virginia University Institute of Technology
Department of Civil Engineering Advisory Committee

EXPERIENCE

West Virginia, State Capitol Complex, Holly Grove Mansion: Structural evaluation report for preliminary condition assessment of building structure. Building is on the National Register of Historic Places and was constructed in 1815.

West Virginia, State Capitol Complex, Main Capitol Building Parapet: Exploratory investigation of limestone/brick parapet/balustrade of Main Capitol Building to determine cause of movement/cracking/ leaks. Construction contract for repairs has been completed. Building is on the National Register of Historic Places and was constructed in the 1920's and 1930's.

West Virginia, Job's Temple: Structural repairs to 1860's log structure. Building is on the National Register of Historic Places.

West Virginia, Collett House Structural Repairs: Structural renovations of 1770's log and framed structure to stabilize foundation and make repairs to log wall and floor. Building is on the National Register of Historic Places.

West Virginia, First Presbyterian Church Restoration: Structural renovations of steel in lantern level and terra cotta cornice, overview of repairs to limestone and terra cotta façade of 1920's structure.

West Virginia, Hawks Nest State Park Lodge: Repairs to spandrel beams at roof level and analysis and repairs of structural cracks in stairtower.

West Virginia, State Capitol Complex, Governor's Mansion: Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

West Virginia, Twin Falls Resort State Park Addition: Structural design for new addition to existing facility.



EDUCATION

Bachelor Architectural
Engineering
The Pennsylvania State
University, 1989

REGISTRATION

PE, Pennsylvania
[REDACTED]

PE, West Virginia
[REDACTED]

PE, New York
PE, Maryland

NCEES Registered

LEED Accredited Professional
2009

AFFILIATION

American Society of Heating,
Refrigeration & Air Condi-
tioning
Engineers (ASHRAE)



JAMES N. KOSINSKI, PE, LEED AP

PRINCIPAL, VICE PRESIDENT
SENIOR PROJECT MANAGER, MECHANICAL ENGINEERING

Mr. Kosinski's primarily responsible for the design of HVAC systems and their components for all of Tower Engineering's projects. He has experience with the design of numerous types of HVAC systems, including constant and variable air volume air handling, geothermal heat pump and exhaust systems; chilled water and hot water; electric/electronic, pneumatic and DDC control systems.

Jim's design responsibilities include load calculations, equipment selection, system layout, project specifications, cost estimates, direction of project drafting efforts, coordination with other engineering disciplines, and construction administration. Additional responsibilities include system analysis and energy studies, client contact, and project management and scheduling. He has performed energy conservation analyses, evaluated HVAC system performance, and justified the installation of DDC control systems and other energy saving measures. As a Mechanical Engineering Group Leader, Mr. Kosinski coordinates the efforts of a team of staff engineers, designers and CAD operators.

REPRESENTATIVE EXPERIENCE

Berkeley County BOE - West Virginia
Gerrardstown Middle School
Martinsburg North Middle School Renovation

Monongalia County BOE - West Virginia
Ridgedale Elementary School Addition
Eastwood Elementary School Classroom Addition

Monongalia BOE - West Virginia
South Middle School Add & Reno

Morgan County BOE - West Virginia
Pleasant View Elementary School Renovation
Berkeley Springs High School Gym Bldg. Renovation

Webster County BOE - West Virginia
High School Renovation

Taylor County Schools - West Virginia
West Taylor ES Classroom Addition

Morgan County Board of Education - Bath, West Virginia
Berkeley Springs High School Renovation/Addition



T STEFFANIE BAKO, PE

PRINCIPAL, DEPARTMENT HEAD ELECTRICAL ENGINEERING DEPARTMENT

Ms. Bako is responsible for the design of electrical systems and their components for educational, commercial, and governmental facilities, with a significant amount of experience in the K-12 educational sector. In addition to her roles as Principal and Department Head, Stefanie continues to provide design and project management services on a number of projects.

Steffanie's design responsibilities include lighting layout, fixture selection, and lighting calculations; power distribution from service entrance to branch devices, including coordination with the appropriate utility company, coordination with the architect for owner-provided equipment, and coordination with other disciplines for equipment provided under other trades; emergency power distribution systems, including engine generators and various battery back-up systems; fire alarm detection and alarm systems; public address and emergency communications systems; telecommunications cabling infrastructure; and security systems.

Additional project responsibilities include preparation of engineering drawings, technical specifications, opinions of probable cost, review of submittals, and field observation.

REPRESENTATIVE EXPERIENCE

Marion County School District - Fairmont, West Virginia
West Fairmont Middle School
East Dale Elementary School Addition

Harrison County School District - Clarksburg, West Virginia
Lumberport Elementary School Renovation and Addition

Monongalia County School District - Morgantown, West Virginia
Skyview Elementary School
Mylan Park Elementary School

Fairmont State University - Fairmont, West Virginia
Engineering Technology Building
Musick Library Addition and Renovations

Glenville State College - Glenville, West Virginia
Student Center Renovations

Army National Guard - Fairmont and Buckhannon, West Virginia
New Readiness Centers

Canaan Valley Institute - Davis, West Virginia
New Office Building (LEED Silver)

EDUCATION

BS Electrical Engineering
Case Western Reserve University
1997

REGISTRATION

Professional Engineer

PA -
OH -
WV -
MI -

AFFILIATION

Illuminating Engineering Society of North America (IES):
Treasurer Pittsburgh Section





EDUCATION

BS, Mechanical Engineering
Penn State University 1997

REGISTRATION

Professional Engineer, PA
PE [REDACTED]

Certified in Plumbing
Engineering (CIPE), 1998

LEED Accredited Professional
2009



MICHAEL S. PLUMMER, PE, CIPE, LEED AP

PRINCIPAL, SENIOR PROJECT MANAGER

PLUMBING & FIRE PROTECTION ENGINEERING DEPARTMENT HEAD

Mr. Plummer is primarily responsible for the design of plumbing and fire protection systems and their components for educational, governmental, and commercial buildings. His plumbing duties include the design and layout of all domestic hot and cold water, sanitary drainage and storm water management systems. He is also responsible for the natural gas piping systems along with specialty systems involving laboratory or hospital gases. Mike's fire protection responsibilities include the design of water supply and pumping systems involving fire mains and sizing of fire pumps, the layout of standpipe and sprinkler zone locations, sprinkler head placements and reviewing hydraulic calculations for contractor designed sprinkler systems. He is a LEED Accredited Professional and designs all his projects with sustainability in mind.

Mike's duties include preparation of project specifications, cost estimates, project management, and coordination with architectural and other engineering disciplines. He also performs construction administration duties including review of submittals, preparation of punch lists, and field problem solving, as well as supervising the engineering efforts of the Plumbing and Fire Protection Department.

REPRESENTATIVE EXPERIENCE

Berkeley County BOE - West Virginia
Gerrardstown Middle School
Martinsburg North Middle School Renovation

Morgan County BOE - West Virginia
Berkeley Springs High School Gym Bldg. Renovation

Taylor County Schools - West Virginia
West Taylor ES Classroom Addition

Brooke County Board of Education - Follansbee, West Virginia
Hooverson Heights Primary School
Bethany Primary School

Cacapon Resort - Berkeley Springs, West Virginia
Lodge Renovation and Expansion

West Liberty University - West Liberty, West Virginia
Shall Hall Renovations

Fairmont State University - Fairmont, West Virginia
Engineering Technology Building



EDUCATION

BS, Mechanical Engineering
University of Pittsburgh 1982

REGISTRATION

Pennsylvania
[REDACTED]

West Virginia
[REDACTED]

AFFILIATIONS

LEED Accredited Professional
2008

US Green Building Council
2008

Certified Energy Manager
(CEM) 2008



THOMAS R. VALERIO, PE, LEED AP

DEPARTMENT HEAD FOR COMMISSIONING MECHANICAL ENGINEERING DEPARTMENT PROJECT MANAGER

Tom Valerio manages and provides design and construction administration services for approximately \$10 million of HVAC construction annually. His primary responsibilities include the design and analysis of HVAC systems for schools, universities, commercial and light industrial facilities, laboratories, health & science buildings, retail and municipal facilities. Tom draws from over 30 years of construction engineering experience to lead teams that provide cost effective, energy efficient solutions.

As a Certified Energy Manager, Tom improves facility energy performance by analyzing energy consumption, developing energy conservation measures, determining their probable construction cost, and calculating their return on investment.

REPRESENTATIVE EXPERIENCE

West Liberty University - West Liberty, West Virginia
Campbell Hall

WVU Law Building - Morgantown, West Virginia
Phase 2 Addition
Phase 3 Renovations

WVU Parkersburg - Parkersburg, West Virginia
Tech Wing Renovation

WVU University Park - Morgantown, West Virginia
5-Building apartment and hi-rise dormitory complex

WVU Mountianlair - Morgantown, West Virginia
AHU 2, 6 and 7 Replacement
AHU 4 & 8 Replacement

WVU - Stewart Hall - Morgantown, West Virginia
Ductwork Modifications

WV State Capitol Campus Office Building - Charleston, West Virginia
4 Restoration: New HVAC systems

WVHTCF State Police HQ Building - South Charleston, West Virginia
Renovation of space into State Police Building Headquarters

Design Experience - HVAC

Identify at least three comparable projects in which the firm served as the architect-of-record for the design and construction phases.

HVAC Replacement and Renovation Projects

Williamson Shriver Architects has extensive experience designing heating, ventilating, and air conditioning (HVAC) replacement and renovation project for school facilities. These include both stand-alone system replacement, where the HVAC system is the primary scope of construction work, as well as where the HVAC system work is contained within a much larger scope of renovation work. Descriptions of several of our most recent HVAC replacement projects are listed on this and the following pages along with contact information for our clients.

Capitol High School

Kanawaha County Schools
Chuck Smith, Exec. Director
(304) 348-6148
Project Scope: Replacement of HVAC units and controls throughout the existing building.
Consultant: Harper Engineering
Estimated completion 2021

Taylor Co. Middle

Taylor County Schools
Dr. Christine Miller, Supt.
(304) 265-2497
Project Scope: Replacement of HVAC units and controls throughout the existing building.
Consultant: Harper Engineering
Completed 2018

Tucker Co. High

Tucker County Schools
Alicia Lambert Supt.
(304) 478-2771
Project Scope: Replacement of HVAC units and controls throughout the existing building.
Consultant: Harper Engineering
Completed 2016

Bridge Elementary

Kanawha County Schools
Chuck Smith, Exec. Director
(304) 348-6148
Project Scope: Installation of new rooftop HVAC units ductwork and controls throughout the existing building due to June 2016 flooding.
Consultant: Harper Engineering
Completed 2016

Calhoun Co. Middle High

Calhoun County Schools
Kelli Whytsell, Supt.
(304) 354-7011
Project Scope: Replacement HVAC system including ductwork and controls throughout the existing building.
Consultant: Tower Engineering
Completed 2017 (anticipated)

Gilmer High School

Gilmer County Schools
Patricia Lowther, Superintendent
(304) 462-7386
Project Scope: Replacement HVAC system including ductwork and controls in one wing of the existing building.
Consultant: Harper Engineering
Completed 2016

Webster County High

Webster County Schools
Mickel Bonnett, Maint. Director
(304) 847-5638
Project Scope: Complete renovation of existing science department; renovation of portion of vocational wing to convert to middle school classrooms; complete HVAC system replacement including ductwork and controls throughout renovated areas.
Consultant: Tower Engineering
Completed 2015

Design Experience - HVAC

B.1 Identify at least three comparable projects in which the firm served as the architect-of-record for the design and construction phases.

HVAC Replacement and Renovation Projects (continued)

Martinsburg North Middle Renovations and Additions

Berkeley County Schools
Patrick Murphy Superintendent
(304) 267-3514

Project Scope: Complete renovation of existing building including several additions. Replacement HVAC included throughout.

Consultant: Tower Engineering
Completed 2015

Union Elementary

Upshur County Schools
Dr. Sara Lewis-Stankus, Supt.
(304) 472-5480

Project Scope: Replacement of the existing HVAC system with a new Variable Refrigerant Flow (VRF) system throughout the existing building.

Consultant: Harper Engineering
Completed 2015

East Hardy High Renovations and Additions

Hardy County Schools
Sheena VanMeter, Supt.
(304) 530-2348

Project Scope: Complete renovation of existing building including several large additions. Replacement HVAC included throughout all existing buildings.

Consultant: Tower Engineering
Completed 2015

Moorefield High Renovations and Additions

Hardy County Schools
Sheena VanMeter, Supt.
(304) 530-2348

Project Scope: Complete renovation of existing building including several large additions. Replacement HVAC included throughout all existing buildings.

Consultant: Tower Engineering
Completed 2015

Pleasant View Elementary

Morgan County Schools
Kristen Tuttle, Superintendent
(304) 258-2340

Project Scope: Replacement of a single HVAC unit and associated ductwork and controls.

Consultant: Tower Engineering
Completed 2014

Fred Eberle Technical Center

Rebecca Bowers-Call, Director
(304) 472-1259

Project Scope: Replacement of a HVAC system and associated ductwork and controls throughout the existing facility.

Consultant: Harper Engineering
Completed 2014

Design Experience - Windows

Identify at least three comparable projects in which the firm served as the architect-of-record for the design and construction phases.

Window Replacement Projects

Williamson Shriver Architects has extensive experience designing window replacement on school facilities. These include both stand-alone window replacement, where this was the primary scope of construction work, as well as where the windows were contained within a much larger scope of renovation work. Several of our most recent window replacement projects are listed on this page along with contact information for our clients.

Nitro Elementary

Kanawha County Schools
Chuck Smith, Exec. Director
Director of Facilities
(304) 348-6148
Completed 2015

Fred W. Eberle Career Center

Rebecca Call Bowers, Director
(304) 472-1259
Completed 2015

Martinsburg North Middle Renovations and Additions

Berkeley County Schools
Patrick Murphy, Superintendent
(304) 267-3514
Completed 2015

East Hardy High Renovations and Additions

Hardy County Schools
Sheena VanMeter, Supt.
(304) 530-2348
Completed 2015

Moorefield High Renovations and Additions

Hardy County Schools
Sheena VanMeter, Supt.
(304) 530-2348
Completed 2015

Poca Elementary / Middle Renovations and Additions

Putnam County Schools
John G. Hudson, Superintendent
(304) 586-0500
Completed 2014

Winfield Elementary

Renovations and Additions
Putnam County Schools
John G. Hudson, Superintendent
(304) 586-0500
Completed 2014

Webster County High

Webster County Schools
Mike Bonnett, Maint. Director
(304) 847-5638
Completed 2014

South Branch Career & Technical Center Roofing / HVAC

Shelly Crites, Director
(304) 257-1331
Completed 2012

Moorefield Elementary Renovations

Hardy County Schools
Sheena VanMeter, Supt..
(304) 530-2348
Completed 2012

Calhoun Gilmer Career Ctr.

Bryan Sterns, Director
(304) 354-6151
Completed 2012

Scott-Teays Elementary Renovations and Additions

Putnam County Schools
John G. Hudson, Superintendent
(304) 586-0500
Completed 2010



Earl Ray Tomblin Convention Center Lodge

Chief Logan State Park
Logan, WV

Owner:
WV Division of Natural Resources

Services provided in-house:
Architectural design
Structural design
Interior design

Services provided by consultants:
Site/Civil Design- Terradon Corp.
MEP Design - Clingenpeel/McBrayer
& Associates

Year completed: 2006

Other data:
Square footage: 50,000
Project Cost: \$6 Million

This project was an addition to the existing Convention Center constructed in 2001. This project provided over 50 lodging rooms, fitness and pool area, additional meeting rooms and building services to utilize the existing convention center and Chief Logan State Park grounds.

The design followed the convention center exposed stone and heavy timber design.



Second Floor Plan (Third floor similar)



First Floor Plan



Hospitality



Earl Ray Tomblin Convention Center

**Chief Logan State Park
Logan, WV**

Owner:
WV Division of Natural Resources

Services provided in-house:
Architectural design
Structural design
Interior design

Services provided by consultants:
Site/Civil Design- Terradon Corp.
MEP Design - Clingenpeel/McBrayer
& Associates

Year completed: 2001

Other data:
Square footage: 28,000
Project Cost: \$4.5 Million

This project was provided a new convention center to Chief Logan State Park which consisted of four large conference rooms, a state park dining room with full service kitchen, and administrative offices and building support areas.

The design incorporated exposed stone, exposed heavy timber framing, and ample windows to provide natural lighting and view of the surrounding state park grounds.



First Floor Plan



Business and Commercial Design



Teays River Station

Hurricane, WV

Owner:
Teays River Station LLC
Brian Prim
Managing Partner
Prim Law Firm, PLLC
(304) 201-2425

Services provided in-house:
Architectural design
Structural design
Interior design

Services provided by consultants:
MEP Design - Harper Engineering

Year completed: 2015

Other data:
Size: 6,500 SF
Cost: Withheld by Owner



The design concept for this multi-building development was to draw design features from the farmhouse vernacular and traditions of the historically agrarian Teays Valley, West Virginia community in which it resides.

Exterior features include a partial stone veneer and a striking complementary green wood veneer. These are set off by the traditional grey-silver metal roofing often found on farm buildings.

This initial building is a two

story office structure housing the development owner's law firm on the second floor with a tenant cardiac medical office on the ground level. Building two of this development is currently in design, and will feature a similarly detailed but larger office building placed perpendicularly on the site.

Williamson Shriver Architects was assisted by team members Triad Engineering (site / civil), Harper Engineering (MEP) and Laura Davis Interiors on this project.

Civic Design



South Charleston Fire Station No. 1

Owner:
City Council of the
City of South Charleston
The Honorable Frank Mullens,
Mayor
(304) 744-5300

Services provided in-house:
Architectural design
Structural design
Interior design

Services provided by consultants:
Site/Civil Design - Terradon Corp.
MEP Design - Harper Engineering

Construction commence: 2015
Year completed: 2016

Other data:
Size: 10,119 SF
Construction Cost: \$2.8 Million
Cost/SF: \$276.70 / SF

Description of Project:

This project is a replacement fire station facility for the City of South Charleston. For this station, the city requested a design in keeping with the high-tech chemical manufacturing facilities located nearby.

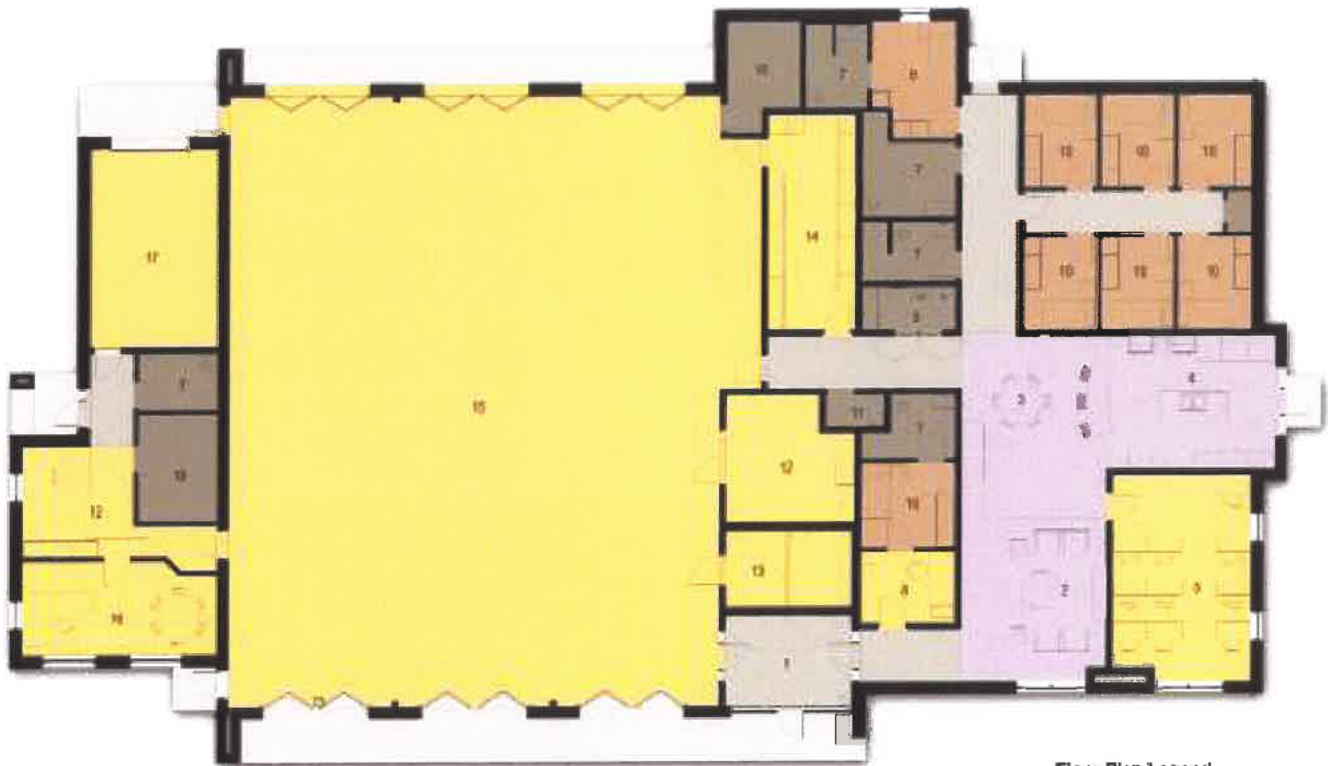
The design of this building includes three drive-thru apparatus bays, plus storage and maintenance spaces for fire fighting operations. This area also includes a multi-story training space for learning vertical movement and

rescue.

The living quarters includes six sleeping berths, toilet / showers for male and female firefighters, shift commander's quarters and office, captain's quarters and office, and spaces for kitchen, dining, living, meeting/computer room, and laundry.

The building exterior features a sweeping curved metal roof, tri-color brick, and both smooth and corrugated metal wall panels.





Floor Plan Legend		
1	Lobby	10 Bedroom
2	Living Room	11 Bath
3	Dining	12 Work Station
4	Kitchen	13 Training Room
5	Meeting Room	14 Locker Room
6	Casualty	15 Apparatus Bay
7	Restroom	16 Office
8	Shift Commander	17 Garage
9	Captain's Quarters	18 Mechanical

Floor Plan South Charleston Fire Station No. 1

Below: The living quarters includes a full service kitchen with storage and refrigerators for three separate shifts. The space also includes eight sleeping berths for full time firefighters.



Below: The apparatus bay provides sufficient space for numerous vehicles, includes six horizontally retracting doors and clerestory daylighting at both the north and south ends





City of Charleston Fire Station No. 3

Owner:

City of Charleston
David Molgaard, City Manager
(304) 348-8014

Services provided in-house:

Architectural design
Structural design
Interior design

Services provided by consultants:

Site/Civil Design - Terradon Corp.
MEP Design - Harper Engineering

Construction commence: 2017
Year completed: 2018

Other data:

Size: 6,384 SF
Construction Cost: \$1.097 Mil.
Cost/SF: \$171.84 / SF

Description of Project:

This project is a new fire station facility for the City of Charleston to replace a 1928 structure that the city demolished in 2016.

The existing site is located in a mixed residential and commercial area located near Route 119. Using the existing limited site, the design required the building to be multiple levels to facilitate the needs of the station. The main floor includes a general office

with an ADA toilet and shower along with a two stall apparatus bay to house the new fire truck and an EMS vehicle. The second floor provides five separate sleeping quarters for the crew, two individual toilet / showers, laundry, and a full size kitchen and living room to accommodate three shifts. The steeply sloping site allowed the city to build a lower level to be used a general storage and workout space for the fire fighters.



PK-12 Educational Design



A closer look at... **Moorefield High School**

Clockwise from Bottom Left: Concept drawing showing new construction in light orange; Media Center outdoor entrance; View of the renovated dining room from the new concourse; Media Center featuring striking metal panel and curtain wall exterior facade; Auditorium with seating for 550 and fully functional theatrical performance stage; Renovated main gymnasium including new HVAC, wood athletic flooring, bleachers, lighting and finishes; New main entry public concourse provides access to the dining room, auditorium, gymnasium, concessions and as well as academic and arts wings.



PK-12 Educational Design



Mingo Central Comprehensive High School

Owner:
Mingo County Board of Education
Donald Spence, Superintendent
Randy Keathley, Former Supt.
(304) 235-3333

Services provided in-house:
Architectural design
Structural design
Interior design
Furnishings and equipment design

Services provided by consultants:
Site/Civil Design - Terradon Corp.
MEP Design - Tower Engineering

Construction Manager:
MCS Construction

Construction commence: 2009
Year completed: 2011

Other data:
Size: 176,260 SF
Capacity: 850 students 9-12
Cost: \$34.9 million



Description of Project:

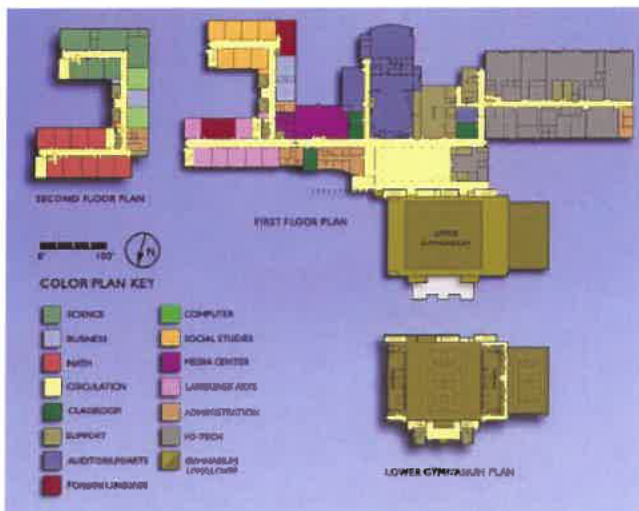
Mingo Central's floor plan took its form through the desire to separate the school into zones based upon usage. The academic zone is oriented around a central court which provides natural light to nearly all of the teaching spaces. The comprehensive career and technology zone is located on the opposing side of the centrally located common spaces.

The plan emphasizes the ability to share utilize large portions of

the building for after hours use. The dining room, media center, gymnasium, and auditorium are centrally located in the plan with convenient access to parking.

Both gyms as well as the locker rooms were placed one level down from the main level of the building. This allowed the building to conform with the slope of the site. Additionally, this reduced the apparent mass of these large building elements from the nearby King Coal Highway.

PK-12 Educational Design



Clockwise from Top Left: Main entrance canopy and curving administrative office facade provide a striking first impression; Site plan showing current facilities as well as future development; Dining room with pro-start cafe seating in distance; Floor plans showing building layout; Main entry vestibule with floor and ceiling emphasizing the exterior curved massing; Auditorium with 500 seats and complete theatrical lighting and curtain package.

A closer look at...
Mingo Central Comprehensive High School

GOVERNMENT OWNED FACILITIES

Tower Engineering has provided mechanical and electrical consulting engineering services for numerous government-owned facilities. With eight decades of experience, our firm knows the importance of meeting the client's needs without exceeding the project's budget. Thoroughly familiar with current government and military standards, our firm has provided engineering services for the following government-owned facilities:



FEDERAL GOVERNMENT

- William S. Moorhead Federal Office Building, PA
- Department of Labor Job Corps Center, PA
- Butler VA Hospital, PA
- Department of Labor Job Corps Medical Center, PA.
- Army Corps of Engineers Lab, PA
- Army Corps of Engineers Neville Island, PA
- National Guard Readiness Center Connellsville, PA
- National Guard Stryker Center Cambridge Springs, PA
- National Guard Fairmont Readiness Center, WV
- Army Reserve Center Jane Lew, WV
- Army Reserve Center Clarksburg, WV
- IRS Liberty Center Tenant Fitup, PA
- INS Application Support Center, PA
- VA Medical Center Pittsburgh, PA (multiple)
- Department of Energy Records Storage, WV
- Department of Agriculture Lab, PA
- National Geospace Agency St. Louis, MO

STATE GOVERNMENT

- State Police Building, PA
- Capitol Building Welcome Center, PA
- Tygart Lake State Park Lodge Addition, WV
- Twin Falls Resort State Park Addition, WV
- DER Regional Offices, PA
- DER Lab Renovation, PA
- Ebensburg Center HVAC Renovation, PA
- Buckingman Protection Custody Facility, PA
- HRS Computer Room, PA
- Capitol Science & Cultural Center, WV
- Scotland School for Veterans Children, PA

UNITED STATES POSTAL SERVICE

- McKnight Road, Pittsburgh, PA
- Clairton, PA
- Monongahela, PA
- Northside, Pittsburgh, PA
- Grant Street, Pittsburgh, PA
- Rochester, PA
- Bulk Mail Handling Facility, Pittsburgh, PA
- Open Ended Services Agreement, PA and WV

GOVERNMENT OWNED FACILITIES CONTINUED



LOCAL GOVERNMENT

- Allegheny County Housing Authority, PA
- Beaver County Courthouse & Annex, PA
- Beaver County Ice Arena Renovations, PA
- Bellevue Borough Building Study, PA
- Bethel Park Community Center, PA
- Cambridge Springs Library, PA
- Cambridge Water Treatment Plant, OH
- City County Building Pittsburgh, PA
- City Hall Pittsburgh PA
- City of Pittsburgh Swimming Pools, PA
- City of Pittsburgh EOC 911, PA
- City of Pittsburgh Warehouse, PA
- Public Auditorium Authority Civic Arena, PA
- Cranberry Township Municipal Complex, PA
- Dormont Pool Complex Feasibility Study, PA
- Eighth Avenue Streetscape Phase IV, PA
- Erie Senior Citizen's Center, PA
- Erie Veteran's Stadium Renovation, PA
- Fairmont Parking Garage, WV
- Fairmont Public Safety Building, WV
- Field Avenue Recreation Park, PA
- Franklin Park Municipal Building, PA
- Franklin Township Sanitation Authority, PA
- Freeport Borough Building, PA
- Greater Pittsburgh International Airport, PA
- Green Tree Municipal Building, PA
- Greensburg County Building, PA
- Hampton Township Master Planning, PA
- Housing Authority of the City of Pittsburgh, PA
- Kennedy Township Park, PA
- Louis J. Tullio Convention Center Erie, PA
- McCandless Municipal Building, PA
- Monroeville Municipal Building, PA
- Moon Township Water Authority, PA
- Mt. Lebanon Parking Garage, PA
- New Stanton Water Treatment, PA
- Penn Hills Recreation Center, PA
- Penn Township Civic Center, PA
- Penn Township Municipal Complex, PA
- Pittsburgh Parking Authority, PA
- Ross Township Municipal Complex, PA
- South Park Municipal Buildings, PA
- South Strabane Township Municipal Building, PA
- Stowe Senior Citizens' Center, PA
- Three Rivers Stadium Renovations, PA
- Vanport Municipal Authority, PA
- Western Ave. Streetscape Improvements, PA
- Westmoreland County Housing Authority, PA

References

The following are a list of current clients serving as references for Williamson Shriver Architects. Please feel free to contact any of the following at your convenience.

**The Honorable
Mayor Frank Mullens**
City of South Charleston
South Charleston, WV
(304) 744-5301

Robert "Jim" Skaggs, II
Technical Analyst
Div. of Eng. & Fac. - WVARNG
Charleston, WV
(304) 561-6550

Mr. Rick Atkinson
City Manger
City of South Charleston
South Charleston, WV
(304) 744-5301

Mr. Andy Skidmore
City Manager
City of Hurricane
Hurricane, WV
(304) 562-1105

Mr. Virgil White
Fire Chief
City of South Charleston
South Charleston, WV
(304) 744-0079

Mrs. Stephanie DeGroot
Construction Manager
Fairmont State University
Fairmont, WV
304-367-4401

Dr. Tom Williams
Superintendent
Kanawha County Schools
Charleston, WV
(304) 348-7732

Mr. Glenn Jeffries
President/Owner
Cornerstone Interiors, Inc
Red House, WV
(304) 586-4700

Dr. Sara Stankus
Superintendent
Upshur County Schools
Buckhannon, WV
(304) 472-5480

Mr. Scott Cochran
Superintendent
Webster County Schools
Webster Springs, WV
(304) 847-5638



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

State of West Virginia
Centralized Expression of Interest

Proc Folder: 995514

Reason for Modification:

Doc Description: Clarksburg Armory Windows & HVAC Renovations EOI

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2022-01-21	2022-02-08 13:30	CEOI 0603 ADJ2200000009	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Williamson Shriver Architects, Inc.

Address : 717

Street : Bigley Avenue

City : Charleston

State : West Virginia

Country : United States

Zip : 25302

Principal Contact : Greg Martin

Vendor Contact Phone: 304-345-1060

Extension: 4

FOR INFORMATION CONTACT THE BUYER

David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor

Signature X

FEIN# 55-0655792

DATE 02/07/2022

I offer subject to all terms and conditions contained in this solicitation

ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.

2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the attached AIA documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007; Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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.

Greg Martin, Architect - Williamson Shriver Architects, Inc.

(Name, Title)

GREGORY MARTIN, ARCHITECT

(Printed Name and Title)

717 Bigley Avenue, Charleston, West Virginia 25302

(Address)

304-345-1060 / 304-345-3693

(Phone Number) / (Fax Number)

gmartin@wsgarch.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

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

Williamson Shriver Architects, Inc.

(Company)

G. Martin, ARCHITECT

(Authorized Signature) (Representative Name, Title)

Greg Martin, Architect

(Printed Name and Title of Authorized Representative)

February 7, 2022

(Date)

304-345-1060 / 304-345-3693

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Williamson Shriver Architects, Inc - Greg Martin

Authorized Signature:  Date: February 7, 2022

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 7th day of February, 2022

My Commission expires February 6, 2023

AFFIX SEAL HERE

