

TRANSMITTAL

TO:

Mr. Mark Adkins

Department of Administration, Purchasing Division

2019 Washing Street East Charleston, WV 25305-0130

FROM:

Ted A. Shriver AIA

RE:

Architectural/Engineering Services for District Seven, New Webster County Headquarters

DATE:

July 3, 2018

Please find enclosed three (3) copies of Williamson Shriver Architects' Statement of Qualifications per Expression of Interest request for Architectural and Engineering Services.

If you have any questions, please contact me at your convenience.

GIM/

Enclosure

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W PURCHASING DIVISION

July 3, 2018

Mr. Mark Adkins
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

RE: Architectural and Engineering Services for District Seven, New Webster County Headquarters

Dear Mr. Adkins:

Williamson Shriver Architects, Inc. was excited to learn of the Expression of Interest for Architectural and Engineering services for the District Seven, New Webster County Headquarters for the West Virginia Division of Highways. 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-plus year history.

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 Harper Engineering, of St. Albans, WV (HVAC, electrical, plumbing, and fire protection design) and Terradon Corporation, Nitro, WV (Site, civil, and utility engineering). Our three 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 Division of Highways, District Seven as your 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.

Ted A. Shriver AIA • LEED AP

President / Architect

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Statement of Qualifications for Architectural / Engineering Design Services for District Seven - New Webster County Headquarters

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Tab A
General Information



WilliamsonShriverArchitects

General Information

Firm Overview

Williamson Shriver Architects Inc. is an award-winning, multidisciplinary 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

our Clients and THE SPIRIT OF OUR COMMUNITIES. renovations to large multi-million

THE VISION OF

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.











In House Services

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

Services through Partners

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



Corporate Overview



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

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

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

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







Locations

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



General Information

Firm History

Harper Engineering, PLLC was founded in 2008 to provide innovative engineering design services to architects, owners, and contractors through the state. We are a unique combination of eager young talent and proven experience fused together to serve all of your building systems design needs including HVAC, Plumbing, Lighting, Electrical, Fire Alarm and Sprinkler Suppression systems. Our Goal is to design optimized systems that meet all of our client's performance, energy use, and budgetary needs.

Relationship

Harper Engineering, PLLC has worked with Williamson Shriver Architects, Inc. since 2008. We have amassed over 80 projects together. (* Indicates more than one project at that location)

Analabs Office Building Arnoldsburg Elementary School **Beverly Elementary School** Brandywine Elementary School **Braxton County High School Braxton County Middle School Braxton County Schools Warehouse** Bridge Elementary School Bruceton School* Burch PK-8 School Burnsville Elementary School Calhoun Gilmer Career Center Chapmanville Elementary Charleston Arbors Apartments Charleston Fire Station #3 Coalton Elementary School Davis Elementary School Fed Ex Expansion Fellowsville Elementary School Flatwoods Elementary School Flinn Elementary School Frametown Elementary School* Fred Eberle Technical Center* Geary Elementary School George Ward Elementary School Gilbert Elementary School Gilbert High School* Gilmer County High School* Glenville Elementary School Hampshire County Career Tech Center Hampton Inn Buckhannon Harman School Hebert Hoover High School Holden Elementary School Hodgesville Elementary School

Hurricane High School Little Birch Elementary School Little Creek Golf Course Conference Center* Marsh Fork Elementary School Matewan Elementary School Moorefield Primary School Northeast Natural Energy Office Oakwood Baptist Church Oakwood Terrace Apartments Pendleton County High School Pleasant Hill Elementary School Poca High School Elevator Preston County High School* Putnam County CTC Paint Booth Ravenswood High School Ripley High School Roane Jackson Technical Center Robert C. Byrd Health Science Center South Branch Vo Tech South Charleston Fire Station #1 Starbucks - Kanawha Boulevard Steptoe and Johnson Office Building* Sutton Elementary School Taylor County Middle School Terra Alta East Preston School* **Tucker County High School** Tudors/Gino's Various Locations* Tunnelton Denver Elementary School Union Elementary School **Upshur County Schools*** West Chapman Elementary School West Virginia State Capitol Building Williamstown Army National Guard Wirt County Schools

Tab B Qualification and Approach



WilliamsonShriver**Architects**

Project Approach

As fully described in Tab E of this Statement of Qualifications, Williamson Shriver Architects has a variety of projects fully constructions with similar components to this project by the West Virginia Division of Highways.

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 understable to lay-person committee members. These include presentations, design charrettes, interior and exterior 3D concepts modeling, digital walkthroughs and general discussions and feedback.

Project Approach & Understanding

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 District Seven, New Webster County Headquarters project. We understand the scope of work is funded by the State of West Virginia as follows:

- Replacement of existing building lost to a fire in December 2017
- New structure to be approximately 10,316 square feet based upon a State of West Virginia Medium Standard Building and will be located on the existing site.
- The new structure will follow the West Virginia Division of Highways prototypical design.

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, Ted Shriver will be the Partner-in-Charge and will directly oversee all design activities as well as be the main point of contact with the Owner. Directly under Mr. Shriver's leadership, Greg Martin 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 site/civil and mechanical/ electrical engineering services on this project, Williamson Shriver Architects will team with two consulting firms specifically selected to provide the most

At right: Exterior view of Williamson Shriver Architects office which was an adaptive re-use and complete renovation of an empty, non-descript commercial structure on Charleston's West Side completed in 2001.



comprehensive, highest quality specialty services relating to this project.

- *Terradon Corporation, of Nitro WV, specializing in site / civil engineering and utilities design consulting services.
- Harper Engineering, a St. Albans, WV consulting engineering firm who will provide HVAC, electrical, plumbing and fire protection design services. Williamson Shriver Architects has worked with Harper on many projects since 2008.

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.

Design Development Phase With the design based after a West Virginia Division of Highways prototypical concept the early phases of initial programming and schematic layout has

Project Approach & Understanding

been approved by the Owner, the design team will progress to the design development phase of the project. The Design Development Phase documents advance the approved schematic design by illustrating and describing the architectural, structural, mechanical, and electrical components and systems, and other elements through the use of plans, sections, elevations, typical construction details, and diagrammatic layouts of the building systems as well as other documents to fix and

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describe the size and character of the project. Important details of construction will be shown, any necessary selective demolition and alterations will be indicated, interior design elements including furnishings and equipment will be conceptually defined, construction materials will be generally selected, and the building systems will be outlined and integrated with the building structure and architecture. Outline specifications will be written and all building performance specifications will be updated. A cost estimate will be prepared reflecting the work described in the Design Development documents along with appropriate strategies to deal with any cost issues which may arise. The completed Design Development document package will be submitted to the Owner and authorities having jurisdiction for review and approval.

Construction Documents Phase

Upon approval of the Design Development 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 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



Project Approach & Understanding

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. Steve Gibson will take the lead during the construction process. Mr. Gibson has 30+ years experience as a contract administrator with Williamson Shriver Architects on all project types. 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. Gibson, 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 warrantee issues which may arise after completion. We will also conduct an eleven month walkthrough to observe any other warrantee 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.

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.

All of our major consultants use Autodesk Revit, a Building Information Modeling (BIM) software product. As a result, BIM will be utilized throughout the design process. Well beyond traditional drafting software, BIM is a

Project Approach & Understanding

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.

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.



Qualifications



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

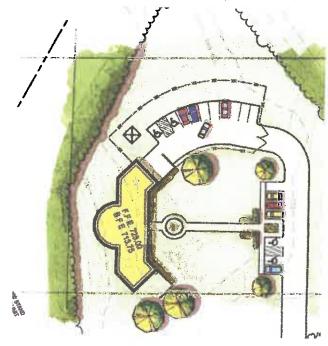
TERRADON's Land Development department collaborates with public and private entities and has a strong presence in the recreation, public/civil, educational and commercial development sectors. TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional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

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

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

LAND DEVELOPMENT SERVICES

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





Qualification Statement

Mechanical, Electrical, and Plumbing Engineering

Harper Engineering, PLLC has the talent and resources to provide quality mechanical, electrical, and plumbing design. Our staff utilizes the latest building information modeling (BIM) software to provide the accurate system designs with minimal change orders during construction.

Our goal is to design optimized systems that meet all of our client's performance, energy use, and budgetary needs.

The staff at Harper Engineering, PLLC has over 100 years of experience working with clients in a variety of fields including but not limited to K-12 schools, hospitals, offices, airports, manufacturing, multi-family housing, and Design/Build.

The following is a partial listing of projects that demonstrate Harper Engineering's mechanical, electrical, and plumbing design experience:

South Charleston Fire Station No. 1
Chapmanville Intermediate School
Franklin Elementary School - Design/Build Criteria Developer
Additions to Holden Elementary School
Williamson Coal House
River Ridge Church- Hurricane
Seneca Village Housing
Beckley VA Parking Garage
West Virginia Department of Highways
SRC Office Building Renovation
Weigh Stations
Highway Lighting
Mason County Sheriff's Office Renovation

Mason County Sheriff's Office Renovation
Stonerise Nursing Homes (Multiple Projects)
Boone County Courthouse Annex
City of Charleston Fire Station No. 3
A New Ronald McDonald House for Southern West Virginia
North Central West Virginia Airport (Multiple Projects)
Yeager Airport Security
CAMC Hospitals (Multiple Projects)

Level 350 BIM* Coordination for School Building Authority Projects Shady Spring High School, Raleigh County Schools New Raleigh Elementary School, Raleigh County Schools

* BIM - Building Information Modeling

Tab C Team Organization



WilliamsonShriverArchitects

General Information

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

West Virginia Division of Highways - District Seven Webster County Headquarters

Ted A. Shriver AIA President

Architectural Design

Gregory I. Martin AIA Project Architect Structural Design

Donald W. Beyer PE Structural Engineer

Production Support

Dana Scarberry Project Manager Andrew Crawford BIM Production Construction Contract Administration

Steve Gibson
Contract Administrator /
Field Observer

Gregory I Martin AIA Submittals Manager

Harper Engineering

Jason Harper PE Partner-in-Charge HVAC Design

Mark King Electrical Design

Scott Phillips Plumbing Design Terradon Corporation

Greg Fox ASLA VP of Land Development

Pete Williams ASLA Site / Civil Design

> Jim Nagy PE Utilities Design

More detailed information for these teams may be found in Tab A. & Tab B.

Resumes for individuals in this chart may be found in Tab D.

Personnel Experience

- I Provide a list of all key personnel that will be assigned to this project and describe the roll each will play
- 2 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 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	Partner-in-Charge	34	Arch-WV	F/O	AP BDC	2
Don Beyer	Structural Design	28	P.EWV	F/O		3
Steve Gibson	Contract Administrator	32	N/A	F/O		-
Greg Martin	Project Architect	9	Arch-WV	F/O		4
Andrew Crawford	Project Manager	8	N/A	0		4
Dana Scarberry	Project Manager	27	N/A	0		4
Greg Fox	Partner-in-charge/Design	17	LA-WV	F/O	AP	ĩ
Jim Nagy	Civil Engineer	10	P.EWV	F/O		ŧ
Pete Williams	Site Design/Land Planning	15	LA-WV	0		1
Shawn Gray	Site Design/Land Planning	1	N/A	0		1
lason Harper	Partner / Mechanical Eng.	10	P.EWV	F/O		4
Mark King	Electrical Engineer	8	P.EWV	F/O		4
Scott Phillips	Plumbing Design	10	N/A	F/C		2

See Organization Chart in Tab 1 for more information regarding division of personnel among team member firms. Resumes for these key persons can be found in Appendix 1.

Legend (CA Experience)

F Field CA Experience

O Office CA Experience

LEED Status

AP Accredited Professional

AP BDC Accredited Professional with

Building Design and Construction Certification

Legend (BIM Experience)

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

Tab D Project Staffing



WilliamsonShriverArchitects

Project Staffing

Name /Title /Years with Firm

Role in Project



Ted Shriver AIA / LEED AP / REFP President / Architect

Owner / usiness Manager

34 Years



Don Beyer PE Engineer / Production Manager

Structural Design / Quality Control

28 Years



Steve Gibson Contract Administrator 32 Years

Contract Administrator / Field Observer / Quality Control



Greg Martin AIA Project Architect

9 Years

Design / Document Production / Consultant Coordination / Submittals Manager



Andrew Crawford AIA Assoc. Intern Architect

8 Years

Document Production / Building Information Modelling Manager



Dana Scarberry AIA Assoc. Project Manager 27 Years

Document Production / Consultant Coordination / Code Reviewer

Ted A. Shriver

AIA / LEED AP BD+C / REFP Architect / Partner

ed Shriver is a registered architect and President of Williamson Shriver Architects. In addition to his role as firm owner, he is additionally responsible for the office-wide coordination and production of contract documents. He brings to the firm 30 plus years of architectural experience, and his primary responsibilities include assurance that appropriate production and support resources are applied to each project.

Mr. Shriver's career began in 1979 with other local firms, but he has been with the firm since 1984 with partner Greg Williamson.

Office management, marketing and construction administration on smaller scope projects add to his daily responsibilities. He

The West Virginia Board of Architects
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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 (A4LE) 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

Architect OH Architect MD

Green Building Certification Institute
LEED Accredited Professional

Affiliations:

West Virginia State Fire Commission 2009-Present

Code / Regulatory Committee, Chair 2009-Present

American Institute of Architects
WV Chapter

vvv Chapter

Executive Committee 2009-2013 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 Building Codes Pian Examine

2015 - Present

Donald W. Beyer

P.E. / AIA Affilliate Professional Engineer

ith over twenty five years of tenure at Williamson Shriver Architects, Mr. Beyer is responsible for the coordination of structural design for all of the firm's projects, and personally designs the structural systems for most projects. He coordinates and integrates his design work with our in-house architectural designs as well as with mechanical and electrical engineering design performed by our consultants. He is also involved with the production of details and specifications for a project's structural systems and materials.

Mr. Beyer's close involvement with the project architect provides for the smooth integration of the structural system into the project while maintaining the aesthetics of the architect's design. His availability for immediate consultation is an asset to the design team. Mr. Beyer draws from his years of experience as a structural steel detailer, a structural draftsman, and engineering technician within the Charleston area.

In addition to his structural responsibilities, Mr. Beyer also serves as production coordinator for all project disciplines, ensuring that appropriate staff is in place to assure on-time completion of design work.

Mr. Beyer is an avid whitewater paddler, and currently sits on the WV Whitewater Commission, appointed by Governor Wise in 2005



WV Institute of Technology 1997
B. S. Civil Engineering
WV Institute of Technology 1978
A. S. Drafting & Design Eng. Tech.

Registrations

Professional Engineer, WV Professional Engineer, PA Professional Engineer, CH (

Previous Employment:

Kelley, Gidley, Blair and Wolfe Engineers 1986 - 1990 W. C. Haworth, Structural Engineers

1984 - 1986

Union Carbide Corporation 1979 - 1983

West Virginia Steel Corporation 1978 - 1979

Affiliations:

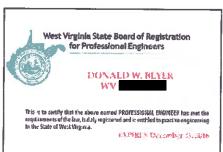
American Society of Civil Engineers American Institute of Architects American Institute of Architects V/V Chapter

Professional Affiliate Member

Certifications:

American Canoe Association
Swiftwater Rescue Instructor







Steven W. Gibson

AIA Associate
Construction Contract Administrator

teve Gibson is responsible for contract document administration and field observation during the construction phase of a project. His duties include shop drawing review, attending construction conferences, compiling construction observation reports, and serving as liaison between owner and contractor.

Prior to joining the staff in 1985, Mr. Gibson's experience was primarily in the engineering fields. He has participated in the design, project management and construction of numerous industrial, commercial, public housing and public works facilities since 1970.

Mr. Gibson has also worked for a large local construction firm as an estimator. This employment allows him to bring a unique knowledge and understanding of the contractors' perspective toward construction projects to the firm.



Education:
West Virginia State College, 1971
B.S. Industrial Technology

Affiliations: American Institute of Architects AIA-VVV Chapter - Associate Member

Previous Employment:
Carkon Construction Company
1984 - 1985
Randolph Engineering
1977- 1984
Swindelf-Dressler Engineering
1974 - 1977
JH Milam Engineering
1969 - 1974

Gregory I. Martin

AIA/NCARB Project Architect

reg Martin received his Masters of Architecture Degree from Virginia Polytechnic Institute and State University in 2008 after graduating from Fairmont State University in 2005. He began his professional career with Marks-Thomas Architects in Baltimore MD. and came to Williamson Shriver Architects in October of 2008. 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. His project portfolio with Williamson Shriver Architects includes Poca Elementary/Middle School, Leading Creek Elementary School, the Ronald MicDonald House in Charleston, Little Creek Golf Course Clubhouse, and the LEED candidate Gilmer Elementary School in Glenville completed in 2016.

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



Education:

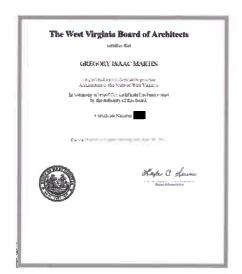
Virginia Polytechnic Inst. & State Univ. Master of Architecture - 2008 Fairmont State University B. S. - Architectural Eng Tech - 2005

Registrations
Architect, WV
NCARB Certified

Previous Employments
Marks-Thomas Architects
2008
Thomas Koontz Architect P.C.
2006 (Summer Intern)
WYK Associates, Inc.
2003-2005

Affiliations.

American listitute of Architects
AlA Member
American Institute of Architects WV
Chapter



Andrew Crawford

AIA Associate Intern Architect / Project Manager

riginally from St. Albans, WV, Andrew Crawford attended the University of Tennessee School of Architecture, completing his Bachelors of Architecture Degree in 2007. After graduating, he relocated to Nashville, Tennessee where he interned at Davis Stokes Collaborative.

Since joining Williamson Shriver Architects in 2010, Andrew has specialized in building design and production / coordination of construction documents for projects of all types and sizes. He has served as project manager on many successfully completed projects including Chapmanville Intermediate School, Berkeley Springs High School Renovation/Addition, Teays River Station Office Building, East Hardy High School, Analabs Addition and Renovation and the Robert C. Byrd Health Science Center Renovation on the campus of Charleston Memorial Hospital.

In addition to his professional career, Andrew is an avid power-lifter.



Education
University of Tennessee - Knoxvilla
B. Architecture - 2007

Previous Employment: Davis Stokes Collaborative Nashville TN 2008-2009

Studio Four Design Knoxville, TN 2007-2008

Dana W. Scarberry

AlA Associate Project Manager

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.

Mir. 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: Hobitzeil, 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



PRINCIPALS/KEY PERSONNEL

Greg Fox, ASLA, LEED AP

Vice President of Land Development

Greg Fox oversees TERRADON's Land Development Sector. Fox has been responsible for hundreds of notable commercial, educational and recreational site development projects during his 25+-year career. During his time as Land Development Department Head, TERRADON has earned Engineering Excellence Awards from the West Virginia Association of Consulting Engineers, numerous Merit Awards from the American Society of Landscape Architects, and the Gold Award from the American Council of Engineering Companies.



The Bechtel Summit National Scouting Reserve

Provide Site Design for the 10,600+ acre site in Fayette County, WV. Responsible for site grading, construction drawings, NPDES design and coordination for all project subconsultants for NPDES permitting with WVDEP.

Greater Greenbrier Sports Complex

Provided Master Planning and Grading Design Services for the Greater Greenbrier Sports Complex located north of Lewisburg, WV. Five phases include: Master Planning, Grading Study, Full Construction Documents, Utility Layout, Road Design, Erosion and Sediment Control.

Advanced Technology Centers

Provided site grading, erosion and sediment control and utility design for two West Virginia Higher Education Policy commission Advanced Technology Centers located in Fairmont, WV and South Charleston, WV.

K-12 Educational Facilities

Responsible for Master Planning, Site Layout and Design, Schematic Renderings, Parcel Identification, Feasibility and Cost Analysis, and construction drawings for hundreds of k-12 educational facilities throughout West Virginia. Projects include new construction as well as renovations and additions.

Fairmont State University

Responsible for Master Planning and Design of inner campus, including design of seating fountain, drainage features and landscaping.

Marshall University

Responsible for Site Design, Utility Design, Grading and Drainage for Applied Sciences Building, Student Housing, Wellness Center and Parking Garage. Provided ADA compliancy on campus buildings and site design for existing soccer field.

Greenbrier Valley Medical Center

Responsible for master planning through site/civil construction documents for the Greenbrier Valley Medical Center in Lewisburg, WV.

Tazewell Community Hospital

Responsible for master planning through site/civil construction documents for the East Addition of the Tazewell Community Hospital in Tazewell, Virginia.

Thomas Memorial Hospital

Responsible for site/civil construction documents for Thomas Memorial Hospital in South Charleston, WV.



Education

B.S. Landscape Architecture West Virginia University

B.A. Geography & Planning West Virginia University

Work Experience

2000-Present TERRADON Corporation

1996-2000 Martin Boal Anthony & Johnson Architects

1993-1996 Site Design

1989-1993 EG&G Inc

1988-1989 PSC Engineers



Peter J. Williams, ASLA Landscape Architect

"Pete" Williams is a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. Mr. Williams is registered as a professional Landscape Architect in West Virginia with more than 15 years of experience at TERRADON and more than 24 years of overall experience.

Relevant Project Experience

- Fire Stations, Medical, First Responder, Public Facilities
 Yeager Airport Fire/Crash/Rescue Station
 Fairmont Public Safety Building & Fire Safety Station
 South Charleston Fire Station
 Greenbrier Valley Medical Center
 A New Marshall County Public Safety Annex
- Higher Education
 Marshall University Student Recreation Center
 Marshall University Student Housing
 Fairmont State Inner Campus Design
- Fairmont State Inner Campus Design K-12 Schools, Athletic Fields and Other Facilities A New Marsh Fork Elementary School A New Shady Spring Middle School Hurricane High School Sports Fields, Additions & Renovations Lakeside Elementary School Additions & Renovations Eastwood Elementary School Additions & Renovations Flinn Elementary School Additions & Renovations Musselman High School Additions & Renovations Martinsburg North Middle School Additions & Renovations A New Gerrardstown Middle School Jefferson Elementary School Additions & Renovations A New Blue Ridge Primary School Winfield Elementary School Additions & Renovations A New Buffalo High School A New Confidence Elementary School **Greenbrier West High School Additions & Renovations** A New Lewisburg Elementary School A New Rainelle Elementary School Eastern Greenbrier Junior High School Additions & Renovations

Mason Dixon Elementary School Additions & Renovations

Poca High School Additions & Renovations

A New Poca Elementary / Middle School

A New Winfield Middle School



EducationB.S. Landscape
Architecture
West Virginia University

Work Experience 2000 – Present TERRADON Corporation

1992-2000 Chapman Technical Group Registration

Affiliations American Society of Landscape Architects

West Virginia Chapter of American Society of Landscape Architects



Jim Nagy, PE Senior Engineer

As a Senior Engineer at TERRADON, Jim Nagy's primary focus is on designing civil engineering projects for public and private development projects throughout West Virginia. Nagy specializes in the design of water distribution systems as well as sewage collection systems. Nagy offers decades of hands-on experience and has previously provided design engineering services for schools, commercial developments, residential developments, public utilities and more. He earned a B.S. in Civil Engineering from West Virginia University and is a Professional Engineer in the State of West Virginia.

Relevant Project Experience

- SPCC Planning updated SPCCs for All Crane & Equipment Rental and Spirit Services, Inc.
- School Projects Responsible for layout, design, and permitting of water and sewer lines for numerous school projects in WV. Projects entailed coordination with PSDs, municipal water and sewer departments, State and Federal regulatory agencies for design of facilities. Schools include: Blue Ridge Community and Technical College, Blue Ridge K-12, Burnsville Elementary, Flatwoods Elementary, Davis Elementary, Sutton Elementary, Little Birch Elementary, Frametown Elementary, Buffalo High School, Clay-Battelle High School, Confidence Elementary, Jefferson Elementary, East Hardy High School, Eastwood Elementary, Flinn Elementary, Geary Elementary, Gilbert High School, Greenbrier West high School, Hampshire High School, Harpers Ferry High School and 19 additional schools.
- Commercial Developments Responsible for layout, design, and permitting of
 water and sewer lines for numerous commercial developments in WV. Projects
 entailed coordination with PSDs, municipal water and sewer departments, State and
 Federal regulatory agencies for design of facilities. Developments include: Fairmont
 Federal Credit Union, Allegheny Energy Union (Fairmont), First Ward (Clendenin)
 Apartments, Milton Crossing, Tri-State Hotel and multiple convenience store sites
 throughout WV.
- Charleston Replacement Housing Utility design, primarily water, sewer and stormwater, and coordination of overall site activities with the project developer for multi-unit housing development. Each phase entailed the design and layout of several hundred feet of water, sewer and stormwater line, including multiple connections with the utility providers, i.e., the Charleston Sanitary Board and West Virginia American Water, and applicable permit applications. Also responsible for construction monitoring and provision of as-built drawings as required by the respective utility providers.
- Cathcart Devonshire Development, Scott Depot, WV Designed sanitary sewer and water distribution system to serve more than 900 housing units in this private development.
- Washington Woods Subdivision, Ravenswood, WV Designed more than 9,000 feet of water and sewer line and a 500 gpm fire pump water booster station to serve a 150 lot subdivision.
- Sawmill Village, Snowshoe, WV Designed approximately 2,800 feet of 8" water line and sanitary facilities to serve the Sawmill Village development project in Snowshoe, WV.



EducationB.S. Civil Engineering West Virginia University

Work Experience TERRADON Corporation 2007-Present

WV American Water 1991-2007

AWW SC 1984-1991

WV DNR 1982-1984

VTN, Inc. Consulting Engineers 1978-1982

J.H. Milam Consulting Engineers 1977-1978

WV DNR 1976-1977

WV Department of Highways 1975-1976

RegistrationProfessional Engineer: WV



Jason E. Harper Professional Engineer

Experience

Mr. Harper brings 16 years of design experience to the firm. He has expertise with HVAC, electrical, plumbing, sprinkler and fire alarm system designs. His project include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Mr. Harper's role with the firm includes, but not limited to, office manager, project manager, draftsman, and Building Information Modeling coordinator. He oversees projects from the early design phase through construction administration to post construction. He assist the project architect and design team with valuable mechanical, electrical, and plumbing information early in the project to ensure the it is adequately designed to handle the client's needs.



Professional Engineer WV American Society of Heating, Refrigeration and AirConditioning Engineers National Fire Protection Association -

Projects

HVAC Additions to Taylor County Middle School
Poca High School Elevator Addition
Chapmanville Intermediate School
Burch PK-8 School
Lewis County Transportation Facility
HVAC Renovations to Tucker County High School
South Preston PK8 School
Arnoldsburg Elementary School
Additions and Renovation to Geary School
Tunnelton Denver Elementary School
HVAC Systems Renovations to
Upshur County Elementary Schools
Additions and Renovations to Flinn Elementary

Education

West Virginia University Institute of Technology Bachelor of Science - Mechanical Engineering



Kevin M. KingProfessional Engineer

Experience

Mr. King brings 14 years of electrical design experience and over 11 years of electrical construction/maintenance experience to the firm. His project include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, government buildings, and industrial projects.

Mr. King's role with the firm includes, but not limited to, project manager, draftsman, specification writer and construction administration. He oversees projects from the early design phase to post construction. He assists the project architect and design team with valuable electrical information early in the project to ensure the it is adequately designed to handle the client's needs.

Projects

FedEx Freight - 32 Bay Expansion
Arnoldsburg Elementary School
Chapmanville Intermediate School
South Charleston Fire Station
Geary Elementary School
Holden Elementary School
Hurricane High School Batting Facility
Marshfork Elementary School
Tudor's/Gino's Restaurants (Various Location)
Additions and Renovations to Flinn Elementary



Registration/Professional Affiliations

Professional Engineer WV - Professional Engineer KY

Professional Engineer PA -

Professional Engineer OH -

Professional Engineer VA -

Professional Engineer MI -

Professional Engineer SC -

Professional Engineer IN -

West Virginia Master Electrician -

American Society of Heating, Refrigeration and

Air-Conditioning Engineers -

National Fire Protection Association -

Education

West Virginia University Institute of Technology Bachelor of Science - Electrical Engineering

Bluefield State College Bachelors of Science - Computer Science

Tab E Previous Experience



 $Williams on Shriver {\color{red} {\bf Architects}}$



South Charleston Fire Station No. I

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: 20016

Other data:

Size:
Construction Cost:
Cost/SF

10,119 SF \$2.8 Million \$276.70 / SF

bays, plus storage and maintenance spaces for fire fighting operations. This area also includes a multi-story training space for learning vertical movement and

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 in-

cludes three drive-thru apparatus

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, tricolor brick, and both smooth and corrugated metal wall panels.





South Charleston Fire Station No. I

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





South Charleston Fire Station No. 2

Owner:

City Council of the City of South Charleston The Honorable Frank Mullens, Mayor Carlton D. Lee, Former City Mgr. (304) 744-5300

Services provided in-house: Architectural design Structural design

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

Construction commence: 2007 Year completed: 2008

Other data:

Size: 5,760 SF Construction Cost: By Owner



Description of Project: Located in the Spring Hill section of the city, this project is a replacement fire station facility for the City of South Charleston. This building replaced an aging 1960's vintage station. The site for this station is shared with a community park.

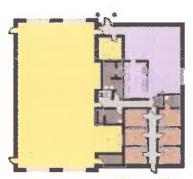
The design of this building includes two drive-thru apparatus bays, plus storage and maintenance spaces for fire fighting operations.

The living quarters includes six sleeping berths with unisex toilet / showers, as well as spaces for kitchen, dining, living, and laundry.



The building exterior is constructed of relatively inexpensive materials, including split and smooth-face concrete masonry units and standing seam metal roofing.

The building, constructed largely by the city's maintenance employees and their direct sub-contractors, was completed in 2008.



Floor Plan



South Charleston Fire Station No. 3

Owner:

City Council of the City of South Charleston The Honorable Frank Mullens, Mayor

Carlton D. Lee, Former City Mgr. (304) 744-5300

Services provided in-house: Architectural design Structural design

Services provided by consultants: Site/Civil Design - Eagle Surveying

Construction commence: 2013 Year completed: 2013

Other data:

Size: Construction Cost:

3,576 SF By Owner Description of Project:

Located in the Weberwood Drive area of the city, this project is a replacement fire station facility for the City of South Charleston. This building replaced an aging 1960's vintage station in the center of a residential community.

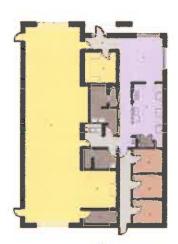
The design of this building includes a single drive-thru apparatus bay, plus storage and maintenance spaces for fire fighting operations.

The living quarters includes three sleeping berths with unisex toilet / shower, as well as spaces for kitchen, dining, living, and laundry and shift commander's office.

The building exterior is constructed of relatively inexpensive materials, including split and

smooth-face concrete masonry units and standing seam metal roofing.

The building was completed in 2013 and constructed largely by the city's maintenance employees and their direct sub-contractors.



Floor Plan



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

Construction commence: 2017 Year completed: 2018 (Estimated)

Other data:

6.384 SF \$1.097 MIL \$171.84 / SF

Size

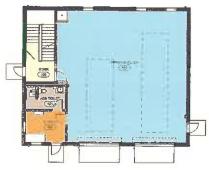
Construction Cost: Cost/SF

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.





First Floor

Second Floor

Civic Design



South Charleston Area Development Corporation

Regional Inter-Governmental Council

Owner:

South Charleston Area Development Corporation Steve Weir, Executive Director

Services provided in-house: Architectural design

Year completed: 1999

Other data:

Size: 7,500 SF
Construction Cost: \$1 million

Description of Project:

This project was a pair of twin buildings sharing the same site located across the street from City Hall in downtown South Charleston, WV. Each building has its own unique identity expressed through separate front entrances

on different city streets.

Each building contains offices, conference rooms, and other administrative support spaces. A private outdoor courtyard meanders between the two buildings.



Civic Design



Little Creek Golf Course Clubhouse

Owner: City Council of the City of South Charleston The Honorable Frank Mullens, Playor Carlton D. Lee, Former City Mgr. (304) 744-5300

Services provided in-house: Architectural design Structural design

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

Year completed: 2015 Size 7,560 SF The existing clubhouse at Little Creek Golf Course was located in a small basement space in an existing old building with limited parking. The City of South Charleston decided to abandon the existing location, and construct a new facility adjacent to an existing remote parking lot and community swimming pool.

The new building is nestled into the hillside of the golf course overlooking 14th hole. The south-facing, sloping site allowed a lower level golf cart garage with drive-through access to be easily included into the design.

The main floor features a pro shop and check in counter, a deli counter with indoor and outdoor seating overlooking the course, toilets and locker rooms, two state-of-the-art indoor golf simulators, and administrative offices.





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.



Beech Ridge Wind Farm Operations & Maintenance Facility

Greenbrier County, WV

Owner: Invenergy, LLC

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

Services provided by consultants: MEP Design - Tower Engineering

Year completed: 2010

Other data:

Size:

6,120 SF

Cost:

Withheld by Owner

Description of Project: This newly constructed project, remotely located in Greenbrier

County, consists of administrative offices, training space, control and technology spaces, and a maintenance bay for vehicles and wind turbine components.

The building is constructed of concrete walls using an Insulated Concrete Form (ICF) construction system.

This project was a design-build project delivery approach jointly completed with contractor Agsten Construction of Charleston.



Massey Energy Office Building Julian, WV

Design-Builder: G&G Builders, Inc. Mike Davis, Project Manager (304) 757-9196

Services provided in-house: Architectural design Structural design

Year completed: 2008

Other data:

Size: Cost: 70,000 SF \$13.2 million

Constructed originally for the Massey Energy's national headquarters, this three story office building was later occupied by Alpha Natural Resources following it's acquisition of Massey. This four story building included spaces for all departments of both companies including executive administration, legal, finance, information technology, and field operations such as mapping and land management. Additionally the building includes a full commercial kitchen and glass-roofed garden dining space for employees.

In addition to the main headquarters building, the project also included construction of a new helipad and support facilities.

The exterior of the building was designed to utilize large ribbon windows maximizing daylight within the perimeter office spaces. The building design incorporated multiple brick colors in horizontal stripes reflecting underground coal strata.



Agsten Construction Company Office Building Charleston, WV

Design-Builder: Agsten Construction, Inc. Carl Agsten, Owner (304) 343-5400

Services provided in-house: Architectural design Structural design

Year completed: 2006

Other data:

Sizes 13,800 SF

Cost: Withheld by Owner





Located on Charleston's growing West Side, this project plays a vital role in the transition of this area from a residential neighborhood into a community of small and mid-sized businesses.

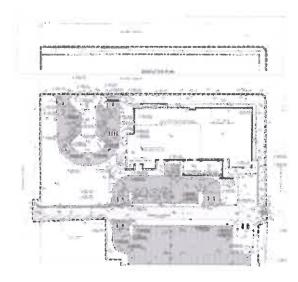
When Agsten Construction decided to vacate their longstanding leased second floor office space, they expressed a strong desire that the design for their new headquarters be expressive of their forward looking attitude, and sense of style held by the architecturally trained head of the construction company.

The site for this project originally contained two small, single story residential structures and a large abandoned commercial garage. The owner expressed interest in incorporating as much of the garage as possible in the new facility, renovating it into a warehouse as well as office space to supplement the new addition. This was accomplished by keeping the existing masonry walls, removing and replacing the existing roof structure, and spanning the new addition over the garage.



PRIOR EXPERIENCE - Public/Civic Buildings

WV Department of Administration State Office Building, Fairmont, WV



TERRADON Corporation, as a subconsultant, is the Site/Civil consultant to the architect and also provided Environmental, Geotechnical and Survey services to West Virginia Department of Administration for the State Office Building located in Fairmont, West Virginia.

TERRADON's Environmental team provided phase 1 and phase 2 Environmental site assessments (ESA) for the site. Phase 2 ESA consisted of soil and ground water sampling and pesticide wipe sampling. The team also conducted asbestos survey and lead-paint survey. For the project, TERRADON prepared quantities for bid documents and provided over sight for demolition and abandonment.

TERRADON's Geotechnical experts conducted investigation of existing filled basements and foundation investigation and design of the Fairmont building site.





PRIOR EXPERIENCE - Public/Civic Buildings

Emergency Management Facilities

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Kanawha County Commission 911 Call Center, Lincoln County 911 Center and two Cabell County EMS Stations. For each facility, TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control



Kanawha County Metro 911

TERRADON performed engineering services as a subconsultant to the architect for the Kanawha County Commission for the 911 Center. TERRADON engineers considering site layout options in order to maximize land use while minimizing earthwork and utility installations, resulting in an end savings to the owner. TERRADON also designed parking, access, landscapes and hardscapes for the project. The Kanawha County Metro 911 Center is a central emergency hub who coordinates with 47 other agencies in emergency situations.



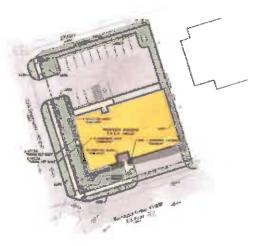
Lincoln County 911 Call Center

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Lincoln County Commission for the Lincoln County 911 Call Center. TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considering site layout options in order to maximize land use while minimizing earthwork and utility installations.

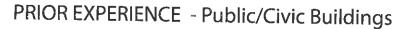


Cabell County EMS Stations

TERRADON Corporation, as a subconsultant, performed Site Civil Engineering Services for two Cabell County EMS Stations—one on Norway Avenue and the other in Westmoreland.



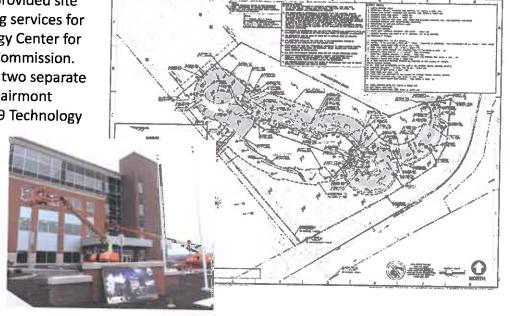




Fairmont Advanced Technology Center

TERRADON, as a subconsultant, provided site evaluation and design engineering services for the Fairmont Advanced Technology Center for the WV Higher Education Policy Commission. The project included the study of two separate sites, one within the newly built Fairmont Connector and one within the I-79 Technology

Park. The project recently completed design phase and is slated for construction in the I-79 Technology Park. TERRADON provided master planning, survey and mapping, site design, landscape and hardscape design and utility design services for the project.



Fairmont Public Safety Building & Fire Station, Fairmont, WV

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Fairmont Public Safety Building in Fairmont, WV. The Public Safety Building houses the Fairmont Public Works Department, the Fire Department and the Police Department.

TERRADON services included: Geotechnical Engineering; Design and Boundary Survey, Full Site Engineering Drawings, Layout, Grading, and Drainage and Erosion Control.

TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considered site layout options in order to maximize land use while minimizing earthwork and utility installations. TERRADON provided landscape and hardscape design as well.







Yeager Airport Fire/Crash/Rescue Station, Charleston, WV

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Yeager Airport Fire/Crash/Rescue Station in Charleston, WV. TERRADON was a part of the design/build team and created civil engineering plans & specifications for the siting of this large, 6-bay drive-thru design station. The team worked with tight existing conditions and infrastructure to make the design work economically.





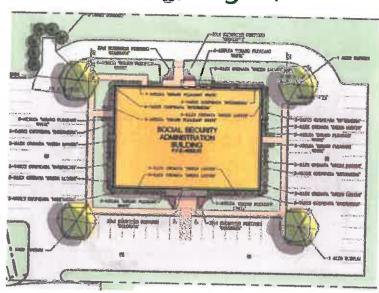
Social Security Administration Building, Logan, WV

TERRADON, as a subconsultant, provided site civil engineering design for the Social Security Administration Building in Logan, WV.

TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control







PRIOR EXPERIENCE - Courthouses and Public/Civic Buildings

Marshall County Courthouse, Moundsville, WV

TERRADON, as a subconsultant to the contractor, provided site civil engineering design for the Marshall County Courthouse in Moundsville, WV. The project is currently under construction.

TERRADON services included:

- Construction Drawings (including the demolition of multiple adjacent structures and design of a parking lot or landscape plan with pedestrian walkways).
- Layout, Grading, Drainage, Erosion & Sediment Control, Stormwater, Utility Plans
- Hazardous Materials and Asbestos Containing Materials Survey



Dickinson County Courthouse, Clintwood, VA

TERRADON, as a subconsultant to the architect, provided site civil engineering design for the Dickinson County Courthouse project in Clintwood, Virginia.

TERRADON services included:

- Early Site Demolition & Grading Package
- Site Building Package
- Project Permits
- Construction Phase Services
- Design Survey/Topographic Survey
- Underground Utility Investigation





Experience

Recent Public Works Buildings

New Bus Garage

HVAC, Plumbing, Sprinkler, Electrical and Fire Alarm design for a new 5,900 sq. ft. bus garage in West Union, WV.

Public Works Building

HVAC, Plumbing, Sprinkler, Electrical and Fire Alarm design for a new 4,500 sq. ft. bus garage in Romney, WV.

Energy Corporation of America

HVAC, Plumbing, Electrical, Fire Alarm and Sprinkler design for a 60,000 sq. ft. office located in Charleston, WV.

St. Albans Armory Storage Building

HVAC, Plumbing, Electrical and Fire Alarm design for a 3,000 sq. ft. storage building.

WV Veterans Home Barboursville

Electrical design for a new 1,000 sq. ft. storage building.

WV DOH Weigh Station

HVAC, Plumbing and Electrical design for a new 885 sq. ft. weigh stations to replace existing weigh stations in Putnam County.

Dominion Gas Office Building

HVAC, Plumbing, Electrical, Fire Alarm and Sprinkler design for a 20,000 sq. ft. office located in Clarksburg, WV.

Beckley VA Parking Garage

HVAC, Plumbing, Electrical and Fire Alarm design for a new 4-story parking garage.

W. Kent Carper Justice and Public Safety Complex

HVAC, Plumbing, Electrical, Fire Alarm and Sprinkler design for a renovations to a 62,400 sq. ft. Justice and Public Safety Complex.

WV Department of Highways SRC Office Building

HVAC, Plumbing, Electrical, Fire Alarm and Sprinkler design for a renovations to a 39,400 sq. ft. addition and renovation to existing office building in Charleston, WV.

Office Addition to Boone County Courthouse Annex

HVAC, Plumbing, Electrical, Fire Alarm and Sprinkler design for a 20,400 sq. ft. addition and renovation to Boone County Courthouse Annex.

Fayette County 911 Emergency Communication Center

Provided mechanical, electrical, and plumbing services for the new 911 Emergency and Communications Center. Project utilized energy efficient water heating system, strategic lightings to reduce screen glare, diesel emergency generator and automatic transfer switch, and a dual action sprinkler system.



Recent Public Works Buildings (Continued)

Wayne County 911 Emergency Communication Center

Mechanical, Electrical and Plumbing services for the new 911 Emergency and Communications Center. Project utilized energy efficient water heating system, strategic lighting to reduce screen glare, diesel emergency generator and automatic transfer switch, and dual action sprinkler system.

South Charleston Fire Station #1

Mechanical, Electrical, and Plumbing services for the new 10,000 sq. ft. Fire Station located in downtown South Charleston, WV.

Charleston Fire Station #3

Mechanical, Electrical, and Plumbing services for the new 6,400 sq. ft. Fire Station located in Oakwood Road in Charleston, WV.

Tab F References



References

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

Mr. David Molgaard

City Manager City of Charleston Charleston, WV (304) 348-8014

The Honorable Mayor

Frank Mullens City of South Charleston South Charleston, WV (304) 744-5301

Chairman Michael Albert

Chairman
Public Service Commission of WV
Charleston, WV
(304) 340-0356

Mr. Dewayne Dickens

Executive Director Ronald McDonald House Charities of Southern WV Charleston, WV (304) 346-0279

On Eddie Campbell

Superintendent
Monongalia County Schools
Morgantown, WV
(304) 291-9210

Mr.Robert Sutler

Fire Chief City of Charleston Charleston, WV (304) 348-8098

Mr. Virgil White

Fire Chief City of South Charleston South Charleston, WV (304) 744-0079

Mr. Charles Wendell

Charleston Development Limited Fayetteville, WV (843) 991-0396

Dr. Frank Devono

Retired Superintendent (June 2018) Monongalia County Schools Morgantown, WV (304) 291-9210

Mr. Scott Cochran

Superintendent Webster County Schools Webster Springs, WV (304) 847-5638

Tab G Additional Terms & Conditions



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 AIA A101-2007 and A201-2007 or the A107-2007 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.
- 4A. PROHIBITION AGAINST GENERAL CONDITIONS: Notwithstanding anything contained in the AIA Documents or the Supplementary Conditions, the State of West Virginia will not pay for general conditions, or winter conditions, or any other condition representing a delay in the contract. The Vendor is expected to mitigate delay costs to the greatest extent possible and any costs associated with Delays must be specifically and concretely identified. The state will not consider an average daily rate multiplied by the number of days extended to be an acceptable charge.
- 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 July1, 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.					
TED A. SHRIVER PRESIDENT (Name, Title)					
(Printed Name and Title) 717 BICPLEY AVENUE (HARLESTON, W) 25302 (Address) 345-1060 304-345-3693 (Phone Number) / (Fax Number)					
(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.					
WILLIAMSON SHRIVER ARCHITECTS, NC.					
FRESIDENT-					
Authorized Signature) (Representative Name, Title)					
EPA. SHRIVER, FRESIDENT					
Printed Name and Title of Authorized Representative) 7/2/8 Date)					

304-345-1060 304-345-3693 (Phone Number) (Fax Number)

Tab H WV Purchasing Affidavit



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 parity" means a party, whether an individual, corporation, partnership, association, ilmited 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 exceed 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 §51-5-3) 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.

Vendor's Name: WILLIAMS SIGNATURE:

Vendor's Name: WILLIAMS SIGNATURE:

Authorized Signature: Date: 13|8

State of Washing and sworm to before me this 2 day of July 20/8.

My Commission expires Chapter 1, 1071 20 ...

AFFIX SEAL HERE NOTARY PUBLIC Purchasing Affidavit (Revised 01/19/2018)

Stale of West Virginia
My Comm. Expires Oct 2, 2022
4815 Church Drive Charleston WV 25306

Tab I WV Ethics Commission



West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to W. Va. Code § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$100,000 or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation.

"Interested party" or "Interested parties" means:

(1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;

(2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company): and

(3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of W. Va. Code § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity:	Address: 717 EIGLEY AVENUE
WILLIAMSON SHRIVER ARCHITECTS, INC	: PHARIFETTAL WILL DE 20
Authorized Agent: TED-A. SHRIVER	Address: SAYE
Contract Number: CEO/ 0803 Contra	act Description: AE SERVICES
Governmental agency awarding contract: WV DCT	
☐ Check here if this is a Supplemental Disclosure	
List the Names of Interested Parties to the contract which are known entity for each category below (attach additional pages if necessar)	nor reasonably anticipated by the contracting busines
1. Subcontractors or other entities performing work or service	e under the Contract
Check here if none, otherwise list entity/individual names below. HARPER ENGINEERING	ow.
TERRADON CORRORATION	
2. Any person or entity who owns 25% or more of contracting	entity (not applicable to publicly traded entities)
Check here if none, otherwise list entity/individual names belo	ow.
3. Any person or entity that facilitated, or negotiated the terservices related to the negotiation or drafting of the applical Check here if none, otherwise list entity/individual names belo	Die contract)
Signature:	Pate Signed: 7/3/18
Notary Verification	
State of West Virginia , County of, County of	Kayawha):
entity listed above, being duly/sworn, acknowledge that the Disclosus	, the authorized agent of the contracting business are herein is being made under oath and under the
aken, sworn to and subscribed before me thisday	y of Nuly , 2018.
No be completed by State Agency: Date Received by State Agency: Date submitted to Ethics Commission: Discovernmental agency submitting Disclosure:	JUNE A SPRADLING Nolary Public Official Seal State of West Virginia My Cornin. Expires Oct 2, 2022 4815 Church Drive Charleston Wy 25306

Tab J Addenda Receipt



ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CEOI 0803 DOT1800000002

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.

<u>Addendum</u>	Numb	ore Re	- Lawing
VARACESTRAISE	140mm	ers Re	cerved:

(Check the box next to each addendum received)

	\j	Addendum No. 1]]	Addendum No. 6
[]	Addendum No. 2	Ī	ĵ	Addendum No. 7
[]	Addendum No. 3]]	Addendum No. 8
]]	Addendum No. 4]	J	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 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.

WILLIAMSON SHRIVER ARCHITECTS, IN Company

Authorized Signature

7/3/18

Date

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