



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
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Header

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information

Procurement Folder: 92163

Procurement Type: Central Purchase Order

Vendor ID:

Legal Name: THREE DESIGNS PLLC

Alias/DBA: RONNIE L BOLEN

Total Bid: \$0.00

Response Date:

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Status: Closed

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 92163

Solicitation Description : ADDENDUM #2 - EOI FOR ABCC FIRE PREVENTION RENOVATIONS

Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation No	Version
	2015-06-16 13:30:00	SR 0708 ESR06151500000004371	1

VENDOR

VC0000006473
 THREE DESIGNS PLLC
 RONNIE L BOLEN

FOR INFORMATION CONTACT THE BUYER

Evelyn Melton
 (304) 558-7023
 evelyn.p.melton@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Architectural/Engineering Design -Fire Prevention Renovation				

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :	ARCHITECTURAL/ENGINEERING DESIGN FOR THE FIRE PREVENTION RENOVATION OF ABCC WAREHOUSE LOCATED IN NITRO, WV.
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Qualification Proposal for:

**ABCC Warehouse
Fire Protection Renovations
Nitro, West Virginia**



June 16, 2015

Presented By:

THREE DESIGNS, PLLC

1045 Nease Drive
Charleston, WV 25387

(304) 807-0841

www.threedesignswv.com

June 16, 2015

Ms. Evelyn P. Melton, Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Reference: ABCC Warehouse Fire Protection Renovations

Ms. Evelyn P. Melton:

Three Designs, PLLC, Architects and Planners is pleased to submit the attached information to demonstrate our team's experience, qualifications and commitment to the project for the Fire Protection Renovations to the ABCC Warehouse. Three Designs is based out of the Charleston area and has teamed with EL Robinson Engineering. This team is uniquely qualified to provide professional design services on the proposed site for the following reasons:

- ▽ **Experienced Team Members** – Three Designs' team members have worked on various types of renovation and rehabilitation of projects from Storage and Warehouse facilities and related facilities, including renovations of structural, mechanical, electrical, plumbing as well as architectural elements of these types of facilities.
- ▽ **Quality Assurance** – At Three Designs, we specialize in design services and we implement all of our knowledge, skills, and training to fit the needs of any customer. We are based in Charleston and have serviced clients throughout West Virginia. What sets Three Designs apart from the others is that we don't just say we will listen to our clients; we treat all of our client's issues or problems with the highest problem solving skills in a timely fashion.
- ▽ **Method of Approach** - Three Designs abides by the elements and principles of design on every project. Our three design principles of functionality, cost control and aesthetics are vital components for every client. When these are brought together and balanced, the client has the project they have sought from the designer.

Thank you in advance for taking time to review our attached expression of interest in your project including our team's relevant project experience, qualifications and commitment to your success of the ABCC Warehouse project. We appreciate your consideration to the Three Designs' team for your valuable community project.

Best Regards,



Ron L. Bolen, A.I.A.
President / Senior Architect

Web site: www.threedesignswv.com
Cell phone: 304-807-0841

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1. PROJECT TEAM DESCRIPTION

Three Designs' Firm Profile

Three Designs, PLLC (a Veteran-Owned Small Business) provides the experience and expertise to successfully develop the Fire Protection Renovation Project. Three Designs has assembled a team with the ideal experiences to ensure that the design for the ABCC Warehouse will be a successful project. The design team has designed various phased projects of similar size and type throughout the region.



The Team has blended well together on similar projects in the past, of varying Renovation of existing facility projects, as well as related projects this team has previously worked on facilities of similar nature. Collating this talent his gives us an excellent basis of working together on similar types of facilities and will be the very best team for your project. Given our Team members past experiences, we know what has worked and can adapt our experiences to the Fire Protection Renovations Project to the ABCC Warehouse. Three Designs' selected project team leaders know how to effectively collaborate to provide services through your project; we will spend the time necessary to complete every task effectively. As necessary, the person that is required for the task (whether Architect or Engineer or Technician) will be available during the planning phases.

Three Designs, PLLC would be a strategic partner to ensure project needs are met with the ABCC Warehouse Project without the huge overhead of larger firms. We focus on our Three Designs' principles for every project, giving the very best character in your project design.

Functional / Aesthetic / Cost Effective

We utilize a total team concept to supplement the operational model whereby contractual, project based local talent and expertise is supplemented when necessary by Three Designs that may possess specific proficiency in the project type being designed. This project delivery method results in the client receiving the highest level of talent and experience for the execution of their project.

We have qualified employees and our assembled team has designed projects across the State of West Virginia. We are familiar with all the up to date and effective design building codes and standards and the level of quality required for performing planning of the ABCC Warehouse Project.

Our Three Designs' office in Charleston WV provides a full range of architectural services, led by:

Ron L. Bolen, AIA

President

THREE DESIGNS, PLLC

1045 Nease Drive

Charleston, WV 25387

Cell Phone: 304-807-0841

Email: rlbolen@threedesignswv.com

Web site: threedesignswv.com

Consultants

We are teaming together with:

- **E. L. Robinson Engineering** (ELR) for structural / civil / landscape architect services

This team has worked together previously very successfully and we believe this the very best team for this your project to be very prosperous and abundantly enjoyable for the community. The team will provide complete documentation for Planning, Designing, and Provide Construction Administration for Fire Protection Renovations to the ABCC Warehouse with services from Programming through Construction by the design team.



ELR, the civil engineering / structural engineering component to the team brings critical design performance to the project components. ELR is a diversified engineering and planning firm with proven performance and established experience. For 35 years, ELR has built a solid foundation based on consistently surpassing client expectations through the hard work and determination of its talented professionals.

E.L. Robinson is a multi-disciplined engineering /planning firm with a staff of over 125 full-time professionals and support personnel located in eight offices throughout West Virginia (Charleston corporate office, Beckley, Bridgeport, and Chapmanville), Kentucky, and Ohio. Over the last 35 years, E.L. Robinson has grown to one of the largest firms in the region, offering a diverse scope of services. Since 1978, E.L. Robinson has provided a full range of quality engineering services, from planning and analysis to design and implementation

Named for its founder and president, Edward L. Robinson, P.E., P.S., the firm has based its success on a commitment to quality projects with superior client service. Finding new and creative ways to say yes to challenges has brought the firm’s vision of excellence into reality. Along with this “yes, we can do it” attitude, the firm has grown to understand the ingredients of a professional service firm include not only brick and mortar, but also leading edge technology and a talented, motivated staff that is continually growing and advancing their skills. This dedication rewarded ELR with being named one of the **Engineering News Record’s** top 500 engineering firms in the country.

The use of technology has allowed the firm to expand engineering capabilities and make use of new resources such as satellite imagery and digital mapping. In addition to the use of technology, E.L. Robinson also continues to strive to invent new and more effective ways to serve our clients. One of these ways is to provide a thorough pre-analysis of every project, saving the client time, money, and legal exposure. When the client is educated on every phase of the job and every challenge, the reputation of the firm grows stronger and attracts business from a larger marketplace.

E.L. Robinson has been providing its clients with quality products and superior service since 1978. Our staff combines state-of-the-art technology, experienced professionals, and innovative methods to help our clients meet their challenges.

- Transportation
- Geotechnical Engineering
- Construction Administration/Observation
- Infrastructure
- Environmental Engineering
- Surveying/Global Positioning
- Bridge Design
- Site Development
- Landscape Architecture
- Structural Engineering
- Right-of-Way Services
- Oil and Natural Gas Systems Development



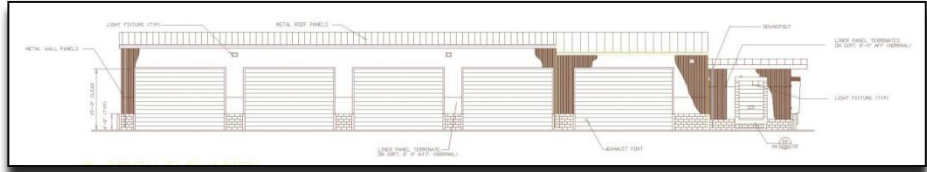
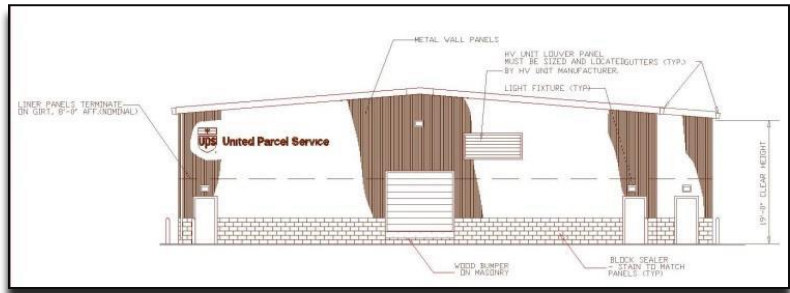
2. EXPERIENCE

The Three Designs Team brings together various experience capabilities for the Plan, Design, and provide Construction Administration for the Fire Protection Renovation Project. We have compiled a cohesive team of professionals with extensive architectural and engineering experience to provide ABCC Warehouse with a balance of personnel suited to the needs of this project.

Project profiles experience on the following pages shows the Principal, Project managers and other personnel's personal experience that have occurred with other firms prior to joining the Three Designs Team.



United Parcel Service
Warehouse and
Administration Offices
New Facility
1996



Prior to founding Three Designs, Mr. Bolen provided the design of this UPS Facility is a 13,500 sq. ft., eight-vehicle bay facility, with a vehicle maintenance bay. The interior design provides approximately 1,800 sq. ft. for office and working spaces for personnel.

Services provided a full consultant services including programming, schematic design, design development and construction document phases, bidding, and construction administration. The facility continues to operate as a distribution center and its staff is utilized daily.

A site selection study was conducted to determine the best location for the new facility. Some of the criteria included improving response time, accommodating deliveries to the local area, and locating the facility for good public access.

The exterior is finished with a metal panel system and split face concrete block at the base of the exterior walls, which designed to increase thermal and energy performance for both aesthetics and material durability. The warehouse / administrative office facility was equipped with a sprinkler system throughout.

The interior design provides a comfortable and inviting facility for the men and women working therein. The result is a simple exterior with a series of unique interior spaces and finishes to make the building a functional and aesthetically pleasing space for the staff and public.

Coonskin Park Maintenance Facility Design

New Storage and
Maintenance Facility
2014



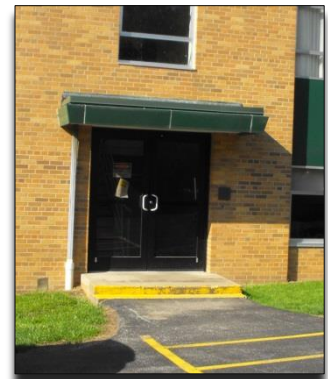
Prior to founding Three Designs, Mr. Bolen provided complete project architectural design services through bidding for a new pre-engineered metal building facility. The building was designed with a drive through bay, and two drive-in bays to the building. The site of the facility is located in Coonskin Park in Charleston, West Virginia.

This new facility was designed for a 6,000 sq. ft. maintenance / storage facility including, approximately 72 sq. ft. of toilet space for the facility. This addition was delivered to the Park Maintenance and was funded by the WVARNG-CFMO. The facility was designed with future infill consisting of two team shower / toilets / and locker areas for the adjacent soccer field.

The new facility blended into the existing park design aesthetically and integrated this facility with the property and the surrounding gravel parking and access road, which was designed for future paving as a primary requirement of the Park Maintenance. Mr. Bolen led the design team delivered a design program that fully realized the requirements of the WVARNG-CFMO and the Park Maintenance and achieved their project goals.

WVARNG Headquarters Building

Administration Offices
Renovations
2010



Prior to founding Three Designs, Mr. Bolen provided complete architectural design for over 50,000 square feet and construction administration services include a renovation to an existing facility, Coonskin Armory Headquarters Building. The site of the facility is located in Charleston, West Virginia.

Mr. Bolen provided complete selective renovation design and construction administration services. Project elements included a new HVAC System for the entire facility with the loop pipe water source heat pump system. Other project elements included a new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, several new wall partitions, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal.

The construction was administered while the facility was in operation and after final balancing and adjusting was completed for the WVARNG-CFMO

**Ronceverte Volunteer
Fire Department /
Community Center**

New Facility
1999



Prior to founding Three Designs, This facility was developed as a design/build for the Ronceverte Volunteer Fire Department to replace an aging facility in the flood plain. The prime objective of the project was to construct an integrated facility providing a complete fire department facility and with a full community center on the second floor with a large meeting hall to be utilized for the community in the event of disaster could house approximately 100 people.

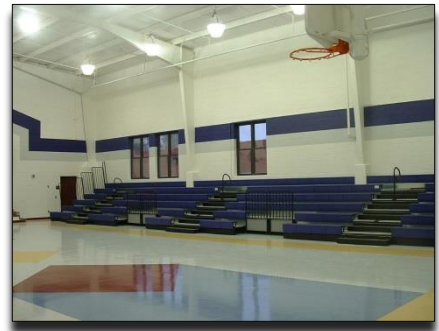
The fire department on the lower level is equipped with 5 truck bays, 2 offices, meeting/training room, radio room, large equipment storage /warehouse rooms, emergency generator, and full toilet facilities with showers for the firefighters.

On the upper level, the facility has a large community center, full commercial kitchen, offices, storage rooms, toilets with showers and is equipped for ADA compliance. The facility operates as a community center utilized as a dormitory style disaster relief facility, fund raising events for the fire department, and various events for the community.

The roof pitch is on a 4:12 slope allowing for the height of the facility to be at a lower eave height. Two heights of the finish floor within the truck bays, allowing the larger truck to be accommodated while the smaller vehicles to be stored in the shorter height bays. This controlled the construction cost by adapting to the site while keeping the function of the facility.

The facility is equipped with a full sprinkler system throughout the fire department and the community center.

**Daniels School
Project**
Renovations
2004



Prior to founding Three Designs, Mr. Bolen was project manager on this facility which was developed as a major demolition / renovation / addition project to repair and expand aging facility for the local community. The prime objective of the project was to demo the aging portions of the facility which could not economically be repaired and to construct and integrate the facility to current standards, providing a complete elementary school facility for nearly 750 students.

The demolition included large portions of the facility while roof steel and bearing walls required support during construction. Demolition required complete removal of toilets, classrooms, office space, and library with roofs, walls, floor slabs, sanitary lines, water system, and power system removed and rerouted for the new layout.

The facility has a large gymnasium, dining room, full commercial kitchen, offices, storage rooms, toilets, classrooms, and library and is equipped for ADA compliance. The facility was refinished with all new ceilings, floors, doors, windows and toilets. The facilities operate as a pre-kindergarten through fifth grade facility for the local community.

During the renovations, the facility was connected to a new 24" main high pressure water line for the Fire Protection Sprinkler system. The new system created the pressure and volume needed to remove the old system.

The roof pitch is on a low slope allowing for new rooftop HVAC units for the facility to be installed equipping the school with upgraded heating and cooling. This controlled the classrooms with individual control and controlled operational costs. The construction costs were eased by the client purchasing the HVAC equipment and the contractor installing.

Putnam 911 Command Center and EMS Garage



Putnam County, West Virginia

CLIENT:

Putnam County Commission

COMPLETION DATE:

2009

PROJECT COST:

\$3.4 Million

OUR ROLE:

Topography survey, geo-technical, structural, site/civil engineering, construction observation and administration

ELR served as the prime design consultant providing the following services:

Provided field visitations as necessary to complete preliminary sit/civil engineering and the preparation of bid documents which included a site layout, grading, storm drainage plan, and utilities plan.

Provided structural plans and construction documents for architectural floor plans, building elevations, and sections for the proposed facility. Plumbing, Mechanical, and Electrical were also provided as a part of sub consultants' role.

Provided construction specifications for the proposed facilities including architectural, plumbing, sprinkler, HVAC, electrical, fire alarm, security, data and telephone (rough-in only) and associated electrical systems, structural, and civil specifications as a part of the project.

Reviewed required contractor shop drawings and provide coordination for the contractor in answering any design clarification questions during construction.

Attended construction meetings for a pre-bid meeting, a bid-opening meeting, pre-construction meeting, two construction observation visits per month during construction, one substantial completion observation, punch list development and final inspection.

Prepared all the necessary permitting for project construction.



Mason County 911 Center



CLIENT:

Mason County Commission

COMPLETION DATE:

2008

PROJECT COST:

\$1.7 Million

OUR ROLE:

Environmental assessment, topography survey and boundary survey, geo-technical, structural, site/civil engineering, construction observation and administration

ELR served as the prime design consultant providing the following services:

Provided field visitations as necessary to complete preliminary site/civil engineering and the preparation of bid documents which included a site layout, grading, storm drainage plan, and utilities plan.

Provided structural plans and construction documents for architectural floor plans, building elevations, and sections for the proposed facility

Provided construction specifications for the proposed facilities including architectural, plumbing, sprinkler, HVAC, electrical, fire alarm, security, data and telephone (rough-in only) and associated electrical systems, structural, and civil specifications as a part of the project.

Reviewed required contractor shop drawings and provide coordination for the contractor in answering any design clarification questions during construction.

Attended construction meetings for a pre-bid meeting, a bid-opening meeting, pre-construction meeting, two construction observation visits per month during construction, one substantial completion observation, punch list development and final inspection.

Prepared all the necessary permitting for project construction.



Wetzel County 911 Center



CLIENT:

Wetzel County Commission

COMPLETION DATE:

2009

PROJECT COST:

\$3 Million

OUR ROLE:

Environmental assessment, topography survey and boundary survey, geo-technical, structural, site/civil engineering, construction observation and administration

ELR served as the prime design consultant providing the following services:

Provided boundary and topographical mapping for the proposed one acre site. Completed exploratory borings and soil samples for a geotechnical report

Provided field visitations as necessary to complete preliminary sit/civil engineering and the preparation of bid documents which included a site layout, grading, storm drainage plan, utilities plan and structural plan

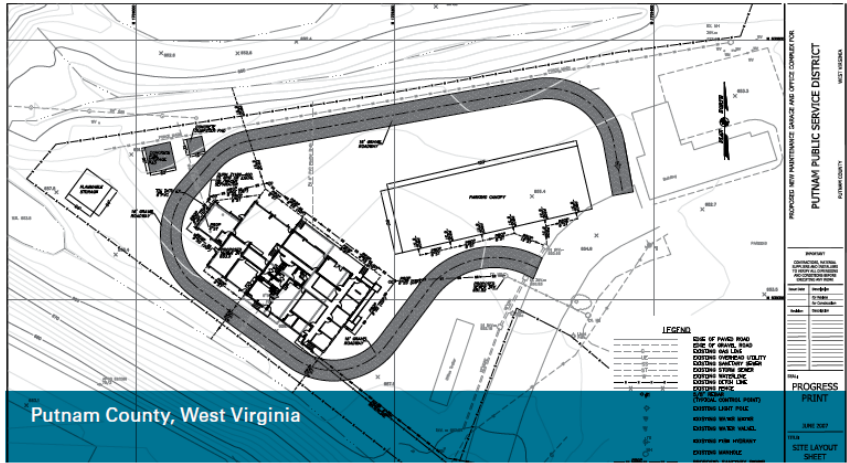
Provided construction documents for architectural floor plans, building elevations, and sections for the proposed facility. Plumbing, Mechanical, and Electrical were also provided as a part of subconsultants' role.

Provided construction specifications for the proposed facilities including architectural, plumbing, sprinkler, HVAC, electrical, fire alarm, security, data and telephone (rough-in only) and associated electrical systems, structural, and civil specifications as a part of the project.

Reviewed required contractor shop drawings and provide coordination for the contractor in answering any design clarification questions during construction.



Putnam PSD Maintenance Facility



CLIENT:
Putnam PSD

COMPLETION DATE:
2009

PROJECT COST:
\$1.5 Million

OUR ROLE:
Design Engineer, Inspection, Review of Shop Drawings, and Final Inspection

E.L. Robinson Engineering worked with Associated Architects to develop plans and specifications for the new Putnam PSD Maintenance Facility. The building designed for the project included an office, garage, shop facility, storage building and a vehicle storage building. The contract was awarded in January 2008. The facility was completed in January 2009.



Mingo County 911 Center

**CLIENT:**

Mingo County Commission

COMPLETION DATE:

2000

PROJECT COST:

\$500,000

OUR ROLE:

Planning, design, and construction management

ELR served as the prime design consultant providing the following services:

Our team converted an existing garage with limited office space at Mingo County Airport into new office space for the new county 911 center.

Provided specifications for all the required 911 equipment and electronics.

Updated 3 tower sites within the county with new antennas and equipment.

ELR attended construction meetings for a pre-bid meeting, a bid-opening meeting, pre-construction meeting, two construction observation visits per month during construction, one substantial completion observation, punch list development and final inspection.

Prepared all the necessary permitting for project construction.



3. PERSONNEL

THREE DESIGNS' TEAM

The Three Designs Team brings together outstanding capabilities to meet and exceed the requirements for the ABCC Warehouse Project. We have compiled a team of professionals with extensive architectural and engineering experience to provide the Fire Protection Renovation Project with a cohesive balance of personnel suited to the needs of this project.

The qualifications and experience of our key team members will provide for a professional, dynamic mix - well suited to meet and exceed the Project's needs. A resume for key members of the Three Designs' Team is included on the following pages.



ABCC Warehouse Fire Protection Renovation Project

THREE DESIGNS

Ron L. Bolen, AIA
Principal in Charge / Architect

Caterina McFadden, AIA Assoc.
Project Manager / Intern Architect

Aaron L. Bolen
Graphics / CAD Manager

Laura Cox, PLA, ASLA, LEED GA
Landscape Architect / Planner



Eric Coberly, PE
Project Engineer

Timothy Cart, PE, PS
Project Engineer

Mark McGettigan, PE
Project Engineer

Jeff Nelsen, PLA
Landscape Architect / Land Planner

Office Location:	Charleston, WV
Experience:	43 years
Education:	B.S. Architectural Design, Parkersburg Community College / WVU Ext., 1980
Registration:	Registered Architect, No. 3135, West Virginia, 1999 American Institute of Architects (AIA) LEED, AP (USGBC) -LEED® Accredited Professional, BD+C, 2012

General Qualifications

Mr. Bolen brings over 40 years of design and project coordination experience to the project. Mr. Bolen insists on listening to the client's needs and bringing those desires to reality in a distinctive, functional and state of the art facility – on time and within budget. Project types include a multitude of small and large-scale designs, including office, fire-stations and multipurpose facilities, augmented by varied experience in a wide range of opportunities in renovation and new facility design. Truly innovative designs are based on a well-articulated program developed in a close and continuing interaction between the client and the design team.

While at Three Designs, Mr. Bolen has focused most of his time on design and coordination with clients while maintaining a close relationship with the design team. Increasingly, Mr. Bolen's facilities have become the result of collaborative problem solving with other design professionals and our clients. The results are design solutions that balance interests, intentions and objectives with concepts that reflect quality, integrity and aesthetic appeal.

Relevant Experience

Local Area Community Center -

Mr. Bolen is currently providing Programming services for a local entrepreneur / community developer for a local Community Center with various needs, including Classrooms and Laboratories for Science, Technology, Engineering and Math Training Center, Pre-school classrooms, Art Center, various rental shops, office spaces and auxiliary spaces.

Coonskin Park Maintenance / Storage Facility – Charleston, WV

As Project Manager, Mr. Bolen provided Architectural Services from pre-design through all phases of document preparation, consultant coordination, client relations, and into construction administration. This new facility of a pre-engineered metal building complex included maintenance / storage bays and an ADA accessible restroom. A layout was also designed for the future two team shower / toilets / locker rooms for the adjacent soccer field.

WVARNG Headquarters Facility Renovation– Charleston, WV

Mr. Bolen provided a complete design and construction administration services for architectural improvements of the first floor of the Office of the Adjutant General (TAG), and to provide MEP and HVAC design improvements for the entire TAG Wing, Headquarters Building, and Armory / Drill Floor. Mr. Bolen performed complete planning, design, and construction management services for renovations to the Office of the Adjutant General at the State Army National Guard Headquarters in Charleston, West Virginia. Project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, several new wall partitions, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal. Mr. Bolen provided Construction Administration and inspection services as well as periodic site review during construction.

Little Kanawha Bus Facility, Mt. Zion, West Virginia

Mr. Bolen was responsible in providing a complete architectural design and detailed construction administration services include the construction of a pre-engineered metal and brick construction, sited on the available property allowing for future expansion needs. Mr. Bolen provided architectural and construction-phase support for a new, 10,000-square foot, pre-engineered, metal and brick bus maintenance and transit operations facility. The 4,500-square-foot administrative area will include offices, a conference room, a money-counting room, and a driver-training room, and the 5,500-square-foot bus maintenance area will include storage for seven buses. The facility will be ADA-compliant and is being designed to achieve a high degree of energy efficiency. Services include site survey and design, geotechnical testing, environmental compliance, utility coordination, bid documents, bid-phase support, and as-built drawings.

Berlin McKinney Elementary School Renovation, Wyoming County, West Virginia

Mr. Bolen provided Project Manager Services from pre-design through all phases of document preparation, consultant coordination, client relations, and construction administration. This major renovation design repaired classrooms, toilets and auxiliary spaces for an existing school which was flooded and provided the project within the required state guidelines.

Daniels Elementary School Addition / Renovation, Daniels, West Virginia

Mr. Bolen provided Project Manager Services from pre-design through all phases of document preparation, consultant coordination, client relations, and construction administration. This major renovation / addition design replaced two existing schools within the required state guidelines, and the project was funded by the School Building Authority.

Vocational Tech. Renovation / Addition – Raleigh County Board of Education

He provided Project Manager services from pre-design through all phases of document preparation, consultant coordination, and client relations. This addition / renovation design provided four shops, two classroom and toilets within the required state guidelines.

Ronceverte Vol. Fire Station & Community Center

As Principal / Project Manager, Mr. Bolen provided services from pre-design through all phases of document preparation, consultant coordination, client relations, and construction administration. The design replaced an existing fire station. The facility was designed with five truck bays, office spaces, and conference hall, large meeting hall, toilets, and kitchen facilities and equipped with facilities for community flood relief. The facility is equipped to house approximately 75 people with full kitchen facilities, restroom / showers, and housing in the event of a natural disaster in the community.

Lincoln County Courthouse Annex

Prior to founding Three Designs, Mr. Bolen provided responsibilities which included are Architectural support during construction, cost estimating for future phases of the over all project, Architectural design for rehabilitating the existing Historical Train Depot. The Town of Lost Creek required the planning and design of the rehabilitation of a historic train depot adjacent to the Harrison County Rail Trail. Ron prepared a plan to raise the structure, make repairs to the deteriorated timber, excavate and repair the exterior of the facility, including providing a new deck platform.

Sam Perdue Juvenile Detention Center, Princeton, West Virginia.

Mr. Bolen provided design, bidding and construction administration services during the renovation and expansion of the South Regional Juvenile Detention Center. Responsibilities included site visits, periodic project walk through, documentation of contractor progress, and approving contractor billings.

Lorrie Yeager Juvenile Detention Center, Parkersburg, West Virginia.

Mr. Bolen provided design and construction administration services during the renovation and expansion of the North Central Juvenile Detention Center. Responsibilities included site visits, periodic project walk through, documentation of contractor progress, and approving contractor billings.

Cheat Lake Elementary and Middle School, Monongahela County , West Virginia

Mr. Bolen was Project Job Captain through Pre Design and all phases of Document Preparation, Consultant Coordination, and Client Relations. Design for a major addition / renovation to the existing facility to replace four existing schools with new facility within the required state guidelines. The two schools shared the dining / kitchen facilities.

Office Location:	Charleston, WV
Experience:	10 years
Education:	M. Arch. Architecture - Virginia Tech B. A. Architectural Design - William Smith College
Registration:	Associate AIA - NCARB IDP

General Qualifications

Ms. McFadden provides diverse experiences executing projects, ranging from both new constructions to adaptive reuse, demonstrating a level of professionalism and the expertise to handle your complex project needs. Ms. McFadden understands the value of collaborating with clients and occupants; to assess spatial needs, design goals and stay in the budget. Having extensive training and education in architecture, she consistently exhibits a proficient level of quality, value, and knowledgeable design solutions that ensure the health, safety, and welfare of our clients.

Familiar scope of works include detailed feasibility studies, master planning, new construction, renovations to existing construction, tenant renovations, adaptive reuse, historic preservation and historic renovation, investigative reports and promotional drawings and renderings for a wide range of project types, commercial, institutional, residential, religious and recreational.

Ms. McFadden values the process of collaboration in design. Working successfully with everyone involved, ensures the end result is completed to the highest level of standards. Across the boards, she devotes the same level of attention and service to each and every project.

Relevant Experience

Harrison County E911 - Harrison County, WV

As Assistant Project Manager, Ms. McFadden provided architectural services from pre-design research through all phases of consultant coordination and document preparation. The architectural program included analysis of an emergency facility per IBC 2012, NFPA 72, 110, 297, and 450 and WV State codes and municipal codes. The Emergency Building featured a communication center, and was structurally innovative with a second floor building within a building construction, a blast resistant wall envelope, and raised panel access flooring, a multi-system security, emergency and standby power systems and back up mechanical systems.

The building contained classrooms, training facilities, multiple ADA restrooms, elevator tower, secure entry access points, card readers, and security cameras. As a secure Emergency facility housing a communication center, much of the construction was rated, to prevent any intruders from causing harm to the center. Care was taken in detailing the three stall garage, which would house different sized emergency vehicles, and need to be accessed quickly by emergency personnel but yet needed to be connected to the facility in the most secure way possible.

Doddridge Controls, Fairmont WV

As Project designer, Ms. McFadden provided architectural services from pre-design through document preparation, consultant coordination, client relations, and into construction documentation for the layout of the office space within this warehouse building, Formerly SM Kisner & Sons Sheet Metal Work Company. The building was purchased by W. Heimbuch for his expanding fabrication and IT company founded in West Union W.V. Most of the fourth story building was converted into a shop for the company's fabrication needs, prior to design. McFadden was careful to document the character of the building, including historical window detailing and structural components. Demolition and restoration was taken to preserve beautiful historic flooring and new high performance windows were specified that both preserved the character of the original building, and yet, provide a fully functional new use, and further helped the efficiency of the new mechanical system. The architectural layout included creating several office spaces, a conference room, two ADA compliant restrooms, multiple storage spaces and a kitchenette.

Sourcefire, Columbia MD and Vienna VA
(purchased by CISCO in 2013)

As Project Architect, Ms. McFadden provided architectural services from pre-design and space planning, through all phases of document preparation, bidding procedures and construction administration. This project had unique challenges as a high performance, government contracted internet security company, using open source intrusion detection services, and as a result, the design including details for secure rooms, electrical back-up supply, generator back-up, mechanical back-up to protect the valuable and sensitive data, and various security measures to ensure any breach of data was prevented. Both tenant outfits were in multi - use buildings, and both required minimum penetrations created to the exterior brick support walls, for adequate sized penetrations for ductwork and electrical components that were required of this type of work. An additional challenge to this project included satisfying both the building owner's specifications and approval with the SourceFire brands requirements. The architectural program included a total of 23 individual office spaces, a large open office for over 20 employees with open cubicle layout attached to power/data poles, multiple ADA and code compliant bathrooms based on occupancy and multiple secure rooms accessed by card reader and other high security protocol.

Office Location:	Charleston, WV
Experience:	20 years
Education:	2003, Concord College
Registration:	American Institute of Architects (AIA Allied Member)

General Qualifications

Mr. Bolen has spent the last ten years working to develop the graphic design development and to implement the drawing development for projects. Since 1994, he has been responsible for overseeing and auditing many aspects of graphic design for Three Designs' projects. For building projects, he ensures that all graphic design features have been incorporated in order to meet the appropriate levels of the owner's requirements. Project types include: University, Administrative offices, Vehicle Maintenance Facilities, Interior spaces, Churches, Equipment Layouts and Storage Buildings.

As a designer, he has been able to solve visual / communication problems or challenges. In doing so, he has identified the communications issue, gathered and analyzed information related to the issue, and generated potential approaches aimed at solving the problem. As a graphic designer, he understands the social and cultural norms of the audience and develops visual solutions that are perceived as relevant, understandable and effective.

Mr. Bolen has a thorough understanding of production and rendering methods. Some of the technologies and methods of production are drawing, offset printing, photography, and time-based and interactive media (film, video, computer multimedia). Frequently, as a designer, he is called upon to manage color in different medias.

Relevant Experience

Good News Mountaineer Garage, Charleston, West Virginia

Graphic Design Manager. Responsible for the 3D graphic representations of the proposed Auto Repair garage and administrative office facility for this non-profit organization. The Good News Mountaineer Garage graphic three dimensional image representations assisted the client in fund raising and visualization of the finished product.

WVU - P, Parkersburg, West Virginia

Graphic Design Manager. Responsible for the 3D graphic representations of the proposed maintenance and office facility for the WVU branch at Parkersburg. The graphic three dimensional image representations assisted the client in visualization of the finished product.

WVSU, Institute, West Virginia

Graphic Design Manager. Responsible for the 3D graphic representations of the proposed maintenance, classroom, laboratories and office facility for the WVSU at Institute. The graphic three dimensional image representations assisted the client in visualization of the finished product.

Lincoln County Annex, Hamlin, West Virginia

Graphic Design Manager. Responsible for the graphic three dimensional image representations of the proposed office facility and maintenance facility for the Lincoln County Commission at Hamlin. The graphic representations assisted the client and the contractors in visualization of the finished product.

Little Kanawha Bus Maintenance Facility, Mt. Zion, West Virginia

Graphic Design Manager. Responsible for the graphic three dimensional image representations of the proposed office facility and maintenance facility for the Little Kanawha Bus at Mt. Zion. The graphic three dimensional image representations assisted the client and the contractors in visualization of the finished product.

Church of God Youth Center Annex, Princeton, West Virginia

Graphic Design Manager. Responsible for the graphic three dimensional image representations of the proposed Youth Center facility for the COG at Princeton. The graphic three dimensional image representations assisted the client and the contractors in visualization of the finished product.

Office Location: Charleston, WV
Experience: 34 years
Education: B.S., 1978, Landscape Architecture, West Virginia University
Certificate, 1995, Computer Aided Drafting, Putnam County Technical Ctr
Registration: Landscape Architect, Virginia, 1987
NICET III Transportation-Highway Construction, West Virginia, 1983
Registered Landscape Architect, West Virginia, 2008
Licensed Landscape Architect, New Jersey, 2010
LEED Green Associate, 2010

General Qualifications

Ms. Cox is a Registered Landscape Architect with over 30 years of experience in the fields of landscape architecture and land planning. She has knowledge of all phases of design from site analysis and conceptual planning through construction documentation, permitting and administration. Her design experience includes large scale site preparation and grading, drainage analysis, storm water conveyance and detention, and utility and infrastructure design.

Ms. Cox has an extensive background in site and land use planning for counties and municipalities including, feasibility studies, review and evaluation of preliminary and final subdivision plans, special exceptions, rezoning applications, yield studies, special use permits and client representation at public hearings and meetings with civic groups.

Relevant Experience

Campus Master Planning Services for State Capitol Complex

Prior to working with Three Designs, Ms. Cox provided Landscape Architect responsibilities including assisting in various phases of the Master Planning effort including site analysis, design recommendations, and coordination of graphics for publication. Master planning services included plans for expansion, location of new buildings, pedestrian and traffic circulation, landscaping, utilities, and site security. Responsibilities include assisting in various phases of the Master Planning effort including site analysis, design recommendations, and coordination of graphics for publication. Master planning services included location of new buildings, pedestrian and traffic circulation, landscaping, utilities, and site security.

Parsons City-Wide Comprehensive Parks and Recreation Master Plan

Prior to working with Three Designs, Ms. Cox provided services as Project Planner for Parsons Parks Board.

Erma Byrd Center, Beaver, Raleigh County, West Virginia

Prior to working with Three Designs, Ms. Cox provided Project Landscape Architect services.

Education

M.S. Engineering of Mines, West Virginia University, 1990
B.S. Engineering of Mines, West Virginia University, 1983

Registrations

Registered Professional Engineer in West Virginia, Kentucky, Ohio, and Maryland

Professional Experience

Mr. Coberly has more than 30 years of experience as an infrastructure and mining engineer. He has extensive experience in project planning, specifically in mining, site development, water and wastewater projects.

Mr. Coberly served as the Chief for the West Virginia Department of Environmental Protection Abandoned Mine Lands Division for more than 4 years. In this position, he was responsible for managing and directing the operations of the Abandoned Mine Lands Office. This program is responsible for reclaiming lands damaged due to coal mining that occurred prior to 1977. The Office investigates, plans, designs, bids and oversees construction projects reclaiming these abandoned mines. The budget for the Office is approximately \$66 Million with a staff of nearly 60 employees.

Mr. Coberly has managed projects with ELR which have involved site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, providing expert witness services and various post mining land use projects.

Representative Projects

Project Manager on over 80 West Virginia Department of Environmental Protection Abandoned Mine Lands reclamation projects

Glen Rogers waterline replacement Project: Project Manager responsible for design and construction oversight of waterline replacement project.

Lavalette PSD Route 52 Waterline Extension Project: Project Manager responsible for design and construction oversight of \$5 Million waterline extension project.

Mingo County Redevelopment Wood and Belo Industrial Parks: Project Manager responsible for design and construction oversight of \$4.5 million site development project that involved over 2 million cubic yards of earthwork and infrastructure development of over 120 acres.

Williamson DHHR Facility: Project Manager responsible for design and construction oversight of \$2.5 million office facility. Project included the geotechnical analysis, foundation design, site grading, water, sewer and storm water design for the facility.



Mason County 911 Facility: Project Manager responsible for design and construction oversight of \$1.5 million office facility. Project included the geotechnical analysis, foundation design, site grading, water, sewer and storm water design for the facility.

Flatwoods Canoe Run PSD - Exchange Road Waterline Extension Project Phase I: Project Manager responsible for the design of a \$3 million waterline extension project.

Norton Harding Jimtown PSD - Scott Road/Findley Orad Waterline Extension Project: Project Manager responsible for design of \$1.2 million waterline extension project.

Putnam Development Authority - Business Park Utility Extension Phase II: Project Manager responsible for design of \$1 million multiple utility extension.

Wayne County 2010 Plan - Project Manager responsible for the development and implementation of a county wide plan for waterline extensions.

Additionally, Mr. Coberly was the initial Project Manager through funding on several projects including Lavalette Route 37, Crum PSD Route 152, Dingess Phase I, Twin Branch Racetrack and Holden Water Project.



Education

B.S. Civil Engineering, West Virginia University, 1981

Registrations

Registered Professional Engineer in West Virginia and Ohio
Registered Professional Surveyor in West Virginia

Professional Memberships

American Society of Civil Engineers

Professional Experience

Mr. Cart has over 25 years of experience in providing consulting engineering services. Clients served have included Industrial, Public and Private Institutions and State and Federal Agencies.

Mr. Cart has served as Project Engineer on numerous geotechnical investigations over the years. These projects have included highways, bridges, industrial sites and private development.

Mr. Cart has been involved in numerous projects where demolition of an existing structure was deemed the best way to alleviate dangers to the public. These projects have ranged from providing structural inspections of existing structures for government agencies, for single family dwellings in rural areas and multi-story hotels in urban areas.

Mr. Cart has also served as the Sewer Project Engineer for numerous projects revolving new structures where the existing property was occupied by an existing building. Demolition of the existing structure was necessary to prepare the site for the new facility.

He has designed numerous waterline extensions and sewer collection systems. These extensions have included providing service to many residential as well as industrial customers. The sewer collection systems have included design of systems to collect sewage from residential and industrial sites. Mr. Cart served as project engineer on several major waste water treatment plant upgrades for industrial clients in the Kanawha Valley. He has designed several plants to serve industrial as well.

Mr. Cart has performed over 100 Abandoned Mine Land Reclamations projects throughout Appalachia. These projects have been mainly in Ohio, West Virginia and Eastern Kentucky. These projects have involved draining flooded mine workings, support of ground experiencing or subject to Mine subsidence and the stabilization of landslides.

Mr. Cart has designed numerous retention and retaining ponds for sites. These designs have involved the determination of storm runoff and design of structures to safely retain and pass the required storm peak flows.



His experience includes permitting activities for projects which have included:

- Railroad Occupancy Permits for Utilities
- NPDES Permits for Industrial and Public Wastewater Facilities
- Highway Permits for Utility Occupancy and Access Road Tie Ins
- Health Department Permits for Water and Sewer Projects
- US Corps of Engineers Permits - Nationwide and Individual
- West Virginia Public Lands Permits

Representative Projects

WVDOH - Nicholas County - Maintenance Headquarters Facility: Mr. Cart performed a structural analysis on wall panels, garage door headers and pre-fabricated truss system for a wood framed building. Panels and trusses were originally designed by 84 Components Company. St. Albans West Virginia and E.L. Robinson Engineering Staff determined loads based on BOCA and ASCE-7 and performed check calculations of all wall panels, trusses and other building components. Where stresses were found to be too high, additional members or alternative members were added. After correction a summary report of the analysis was provided to the WVDOH for review.

Pump Station Buildings - South Putnam PSD: Mr. Cart designed several pump station buildings to house the potable water pumps for the South Putnam PSD – Water System. These designs included overhead rail systems To assist maintenance personnel in the removal of pumps from the facilities.

Preston County - Buckwheat Express - Bus Storage Facility: Mr. Cart designed the concrete foundation system for the 132' x 80' metal building to be erected in a high snow load and high wind load environment. Building loading was based on the International Building Code and applicable portions of the ASCE-7 for wind loading.

Blackwater Falls State Park: He has designed 75 x 60 timber framed building to provide shelter and screening of a WWTP in a state park. The design included a foundation system capable of resisting both vertical, lateral and uplift loading. The design incorporates rough timber to blend the building into the natural surroundings.

Mr. Cart has performed numerous structural inspections of homes and buildings throughout the Kanawha Valley and State of West Virginia. He has also prepared reports which detail the structural deficiencies and recommendations on necessary repairs.



Education

M.S.E. Engineering Management/Environmental Engineering, Marshall University December 2007
B.S. Civil Engineering Technology, Fairmont State College, 1999

Registrations

Registered Professional Engineer in West Virginia

Professional Experience

Mr. McGettigan has worked on numerous land development and commercial building construction projects during his 14 years with E. L. Robinson Engineering Co. His duties on these projects varied from procuring all necessary permits to designing potable water, sanitary sewer and storm sewer connections to development lots and commercial properties.

Mr. McGettigan has also been project manager for numerous water and wastewater projects throughout West Virginia. Mr. McGettigan has secured the funding, designed, obtained permits and managed the construction for numerous water and sanitary sewer projects throughout southern West Virginia totaling well over \$60,000,000.

Professional Memberships

American Society of Civil Engineers

Representative Projects

Mr. McGettigan has been the project manager/design engineer on the following projects:

Water/Sewer/Civil Site Design Projects:

Mingo County PSD ~ Dingess Phase I Waterline Extension – This project served a total of 710 residences in the East and West Fork of Twelvepole Creek areas of Mingo County. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Mingo County PSD ~ Dingess Phase II Waterline Extension - This project connected to the Dingess Phase I project and served a total of 113 residences in the West Fork of Twelvepole Creek area of Mingo County. This project brought water to the Mingo/Wayne County Line. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.



Mingo County PSD ~ Jennies Creek Waterline Extension - This project connected to the Dingess Phase II project and served a total of 236 residences in the Jennies & Breeden Creek areas of Mingo County. This project also brought water to the Mingo/Wayne County Line and served customers in the Wayne County through two master meter connections to the Crum PSD service area. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Mingo County PSD ~ Marrowbone Creek Waterline Extension - This project connected to the Town of Kermit's existing system and provides water to the upper Marrowbone Creek area through a master meter and a booster pump station. The project and serves a total of 98 residences in the upper Marrowbone Creek area of Mingo County. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Other projects that are under Contract to E.L. Robinson Engineering by Mingo County PSD are the Ben Creek Phase I and II projects, Beech Creek Project, Chattaroy System Upgrade and Justice System Upgrade.

Lavalette PSD ~ US Route 52 Waterline Extension Project - This project connected to the Town of Kenova's existing system at Prichard, WV and provides water to the northern US Route 52 and Hurricane Creek areas of Wayne County. The project serves a total of 260 residences in the northwestern area of Wayne County. Worked on all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Lavalette PSD ~ State Route 37 Waterline Extension Project - This project connected to the northern US Route 52 project and extended potable water and fire protection and Hurricane Creek areas of Wayne County. The project serves a total of 157 residences in the State Route 37 area of Wayne County. An additional 29 customers were also added through change orders and an emergency connection was made to the Town of Fort Gay through a pressure reducing valve/master meter. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Lavalette PSD ~ Crockett and Millers Fork Waterline Extension. This project connected to the existing Lavalette PSD distribution line near Booten, WV and extended potable water and fire protection to the Crockett & Millers Fork Creek areas of Wayne County. The project serves a total of 144 residences in the northeastern area of Wayne County. The Crockett & Millers Fork Tank was sized to also serve the Nestlow Phase I and II projects thus reducing the cost of these projects. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Lavalette PSD ~ Nestlow Phase I & II Waterline Extension Project. This project connected to the existing Lavalette PSD Crockett and Millers Fork project and extended potable water and fire protection to the Nestlow and Gilkerson areas of Wayne County. The project serves a total of 192 and 162 residences respectively in the eastern area of Wayne County. In addition, the bids were excellent and the



Lavalette PSD was able to serve/upgrade an additional 50 customers. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Crum PSD ~ Mill Creek Waterline Extension Project - This project connected to the northern end of the existing Crum PSD water distribution system and extended potable water and fire protection to the US Route 52 and Mill Creek areas of Wayne County. The project serves a total of 412 residences/businesses in the southeastern area of Wayne County. In addition, the bids were excellent and the Crum PSD was able to serve upgrade and serve an additional 58 customers/businesses and the Genoa Grade School. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Crum PSD Route 152 Phase I Waterline Extension Project. This project connected to the western end of the existing Mingo PSD water distribution system which extended potable water and fire protection to the Crum PSD at the Mingo/Wayne County line. The project serves a total of 268 residences/businesses in the southeastern area of Wayne County. In addition, the Crum PSD will be able to extend service to the Route 152 Phase II project area without an additional tank or booster pump station. Managed all phases of the project including environmental clearances, funding applications, preliminary design, permits, final design and construction management.

Other projects that are under Contract to E.L. Robinson Engineering by Crum PSD are the State Route 152 Phase II and III projects. The Phase II project is partially funded and expected to begin construction in 2014.

Charles Pointe – North Landbay Phase II Infrastructure Project – Mr. McGettigan developed the bid documents and technical specifications for this commercial development project. He also conducted the bidding process and performed all other administration duties for this project. Mr. McGettigan managed the construction inspection and drafted change orders to construct additional infrastructure with excess funds.

Charles Pointe – South Landbay Phase I Infrastructure Project - Mr. McGettigan developed the bid documents and technical specifications for this commercial development project. He also conducted the bidding process and performed all other administration duties for this project. Mr. McGettigan managed the construction inspection and drafted change orders to construct additional infrastructure with available excess funds.

Charles Pointe – West Fork Watershed Improvement Project - Mr. McGettigan developed the bid documents and technical specifications for this stormwater detention project associated with the commercial development of the Genesis Partners, LLC Property. He also conducted the bidding process and performed all other administration duties for this project. Mr. McGettigan managed the project construction inspection through closeout of the project.



Education

Bachelor of Science in Landscape Architecture
West Virginia University, 1976

Registrations

Professional Landscape Architect in West Virginia, Indiana, Kentucky, Ohio, Maryland, and Virginia

Professional Experience

Mr. Nelsen has practiced landscape architecture for over 38 years principally in West Virginia but also has completed projects in Ohio, Indiana and Pennsylvania. His professional experience has afforded him opportunities to assist clients with park and recreation planning and design, community and urban planning, streetscape design, campus planning for elementary, secondary and higher education facilities and site planning and design for residential, commercial and public places. He has been involved in environmental planning and restoration especially lands degraded from past mining practices. He has managed site development on significant projects such as the Stonewall Jackson Resort and the Tamarack Art Center yet enjoys working with clients and communities assisting them visualize the improvements for their parcels and neighborhoods.

Representative Projects

Clay Center for the Arts and Sciences, Charleston, WV: Prepared construction and bidding documents and provided construction administration for a new public plaza space at the corner of Leon Sullivan Way and Washington Street for Charleston's premier performing arts and science center. The site's design called creating a cool green zone for people to gather informally and as an entertainment venue for special events. The relative flat site consisted of a circular plaza and fountain surrounded by a concentric ring of granite seat walls at the edge of the pavement radiating outward into the lawn area. Large 4" and 6" caliper Linden and Honeylocust trees were planted to create a shaded canopy for the space in front of the center.

Washington Street Streetscape, Charleston's East End, WV: Prepared master plan, construction and bidding documents and provided construction administration services for the remaining segment of the Washington Street streetscape from the state Capitol grounds to Charleston Area Medical Center which entailed a ½ mile of sidewalk replacement, new street lighting, brick accent pavements, street trees, landscaping, utility line relocation and burial and new underground electrical service for 30 structures. Total budget for the project was approximately two million dollars.

Rich Mountain, Laurel Hill and Corrick's Ford Civil War Battlefields, Randolph, Barbour and Tucker Counties, WV:

These are three distinct battlefields but are all related to each other because they are a progression of the first major conflict in northwestern Virginia in July, 1861 between approximately 9000 Union soldiers led by General George McClellan and 5000 Confederate troops led by General Robert Garnett. The armies engaged each other at these three locations over a week's time resulting in the defeat of the Confederate forces. This early Union victory allowed Union sympathizers in the western counties of Virginia to organize a secessionist movement to form the new state of West Virginia. Services included providing master planning, interpretation recommendations, signage and trail development for each of these sites with archeological and historical consultants on the team. The planning and design efforts of these new public lands were focused on preservation and interpretation of each site's story about West Virginia's role in the Civil War.



Tamarack Art Center, Beckley, WV: Working with the architect for the project prepared the site master plan and managed design for all exterior improvements including access road, bus and car parking, earthwork, stormwater management, utility design, pedestrian walkways and plaza spaces, fountain design, landscaping, and irrigation design. This \$20 million facility is widely recognized in West Virginia and surrounding states as one of the finest venues for West Virginia artisans.

Stonewall Jackson Resort, Roanoke, WV: In the most recent major expansion of a West Virginia State Park, assisted the developer in an unique public private partnership to build new facilities at the park which included master planning for a lodge, golf course, expanded campgrounds, cabins, expanded day use facilities, trails and other site features. Prepared documents for regulatory review by the USACOE, WVDEP, and WVDNR. Managed the development of site preparation construction documents for the lodge, golf clubhouse, cabin area, and future campground areas. Assisted the golf course design team with storm water management and permitting issues. After the completion of new facilities have continued to assist the developer on future proposed amenities for the resort.

BOPARC Master Plan Update, Morgantown, WV: Due to the significant growth in Morgantown, assisted the Morgantown Board of Park and Recreation Commission with an update of the existing and proposed park facilities maintained by the City of Morgantown. This involved site review of approximately 20 facilities, development of a needs analysis survey and interpretation of its findings, preparation of new master plans for each park, preparation of cost opinions and phased recommendations for the planned \$12 million of improvements.

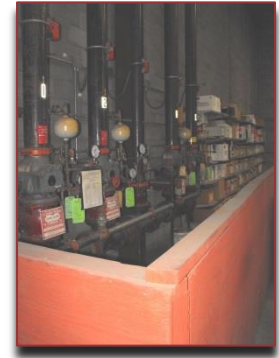
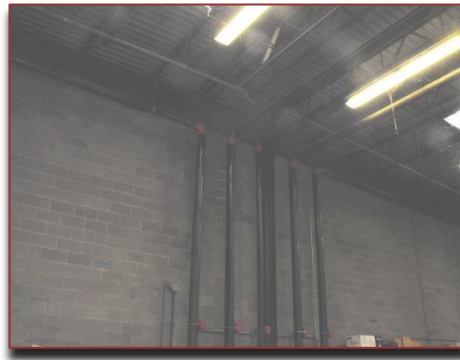
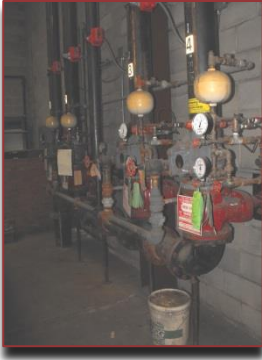
Aspen Village, Timberline Resort, Canaan Valley, WV: Provided master planning and managed site design, permitting and engineering for a new 50 lot subdivision near Timberline. The development involved grading layout for lots, roads, drives, utilities, pond enlargement, and site amenities. Project entailed 30 duplex and triples units and 20 single family lots. Coordinated utility extensions with each respective company and assisted several of the property owners with site planning of their home sites.

West Side Community Renewal Plan, Charleston, WV: Working with the Charleston Urban Renewal Authority, Charleston Planning Department and community leaders on the West Side developed the largest urban renewal plan within the city encompassing 228 acres and almost 900 buildings. With assistance of a public facilitation consultant held a series of meetings with residents and business owners to gain input into their vision for the plan. The adopted recommendations identified significant public and private recommendations with the strongest focus on a new home ownership zone around the new elementary school planned on Florida Street.

Beech Fork State Park Lodge Development, Lavalette, WV: Provided feasibility studies of three different sites for new lodge for the state park beginning in 2008 through 2011. Working with WVDNR and the architectural firm ZMM of Charleston to develop a conceptual plan for the lodge and site improvements for a 75 room lodge near the lake's beach area with a total construction cost of approximately \$29 million.



4. PROJECT APPROACH



ABCC Warehouse – Fire Protection Renovations

Three Designs' approach to the ABCC Warehouse Project is consistent with the strategies employed by the Three Designs' team on its professional service design projects.

As we be tasked with the Fire Protection Renovations Project for the ABCC Warehouse to address the renovations, the following approach will be followed. The ABCC Warehouse Approach is described in components in this section with our project plan and the tools by which we intend to accomplish the aspirations for your project.

PROJECT MANAGEMENT

Our project management is outlined on the following pages with particular emphasis on your project as we understand it currently. Successfully produced projects are the result of establishing trust with the client that the Three Designs' Team will commit to meeting the client's goals, schedule and budget concerns in a timely, comprehensive manner. Mr. Bolen has worked diligently to give successful project solutions to clients and some of his personal reference contacts are:

Mr. Joseph D. McClung – Project Manager - WV Army National Guard Construction & Facilities Management Office – (304) 561-6548 (*WVARNG Headquarter Building*)

Mr. Robert P. Krause, PE, AIA – Architecture & Engineering – West Virginia General Services Div. – (304) 957-7143 (*WV Capitol Mater Plan/ Restroom Restorations Renovations/Restoration Study*)

Mr. Todd M. Dorcas – Community Development Specialist - WV Public Transit Authority – (304) 558-0428 (*Little Kanawha Bus Maintenance Facility*)

Mr. Jason Hudak, PE – MSHA D4 - Impoundments – (304) 877-3900 EXT 202

Mr. Charles Hurley - Chief Financial Officer – Good News Mountaineer Garage– (304) 344-8445 (*Garage Admin Office / Garage Renovations*)

THE SUCCESS OF YOUR PROJECT

Projects are successful when the design team members are available during all phases of the project, this means that when an architect or engineer is needed to be at the job site, we commit that we will have that individual there. Establishing this trust is the initial objective of the design team and may be achieved through providing:

- **Creativity Process** a well-developed project with character is formed during the designing phases – an aesthetic pleasing design to your facility
- **Integration** We believe that the most successful projects embody the unique characteristics of client, location, community and culture
- **Attentive Service** during all phases – insuring the owner’s wishes are defined in the Plan documents and followed up in the construction
- **Experience** Three Designs draws on a rich experience of institutional and residential built work. Client consultation, sustainability and public process are central to the success of your project
- **Due Diligence** We work on detail through the investigative and documentation phases - hard work in defining the intent of your needs
- **Collaboration** By developing relationships with contractors, consultants and other experts, we are able to coordinate these connections to deliver projects with exceptional integration of all systems
- **Incremental Design** Buildings are sometimes required to change and adapt over time. We understand existing conditions and context, which is the foundation for all additions, renovations, improvements and upgrades

Project scope control

We are ascertaining that the architectural program and conceptual design will address needs and goals of the ABCC Warehouse. We have posted your Description of goals and objectives as a preliminary beginning to the project scope.

The following Project Goals go to the Three Designs’ principles that it was founded upon and gives us a very good start to setting up the project and helps us in understanding how the needs can be met as follows:

- a. Building systems selections will be closely discussed with the Owner prior to any selection.
- b. Building materials preferences of key materials to be carefully considered and incorporated.
- c. Budget control. Successful projects result from remaining within budget constraints.
- d. Schedule control. Design components must developed within your coordinated schedule.

PROJECT EXECUTION

Facilitate a project kick-off conference

Three Designs Team would look to set up an initial meeting with design team members and ABCC Warehouse project team for the following project objectives:

1. The objective will be to introduce the design team to the history of the project, the progress made to-date, and for the ABCC Warehouse Project to present the criteria, concept design and/or vision.
2. This meeting is to be interactive and to familiarize the design team with ABCC Warehouse goals, ideas, and expectations for the project. It is an opportunity to become more familiar with design team members and their particular expertise.

Project and Goals

The following project goals were taken from your Expression Of Interest documents and we have developed responses to each, giving you assurance of the goals and objectives will be thoroughly met

Goal 1: Concept

“Provide a discussion of the project and the firm’s approach to addressing issues and concerns including anticipated concepts, proposed methods of design and project sequence and schedule as explained in the Background, Project and Goals.”

Numerous factors influence the scope of your project. Defining the boundaries of the problem is the first step, and will help determine the scale of the solution. We would look into solution options that would give opportunities to find the best solution to your situation.

Existing Site and Building Analysis

Site / Building Analysis – The team will assess existing all building systems, including architectural, structural, mechanical, electrical and plumbing to determine the building needs.

- Consider the most efficient and cost effective options to complete the renovations
- Develop understanding of the building’s structural design and determine if Option 3 could be efficiently accomplished
- Other issues the team will consider for the best option selection would include the following:
 - a. Operational needs and standards
 - b. Disruptions to the facilities’ operations
 - c. Security
 - d. Safe working environment
 - e. Cost effectiveness
- Develop a Codes Analysis of the facility for review
- Understand budget / schedule / milestones
- Submit findings of the analysis to the ABCC Warehouse project team for approval

Some options for concept that we may explore for you might include on the following pages:

Option 1

Crossing Independent Avenue as described in the plan given to you by the Water Company and burying the new water line between the grass and asphalt areas. This would minimize the disruption to operations in the drive way area and the loading dock areas.



Option 2

Crossing Independent Avenue as described in the plan given to you by the Water Company and burying the new water line in the rear of the facility in the grass area. This would eliminate the disruption to the operations in the drive way area and the loading dock areas.



Option 3

Crossing Independent Avenue as described in the plan given to you by the Water Company and burying the new water line in the grass to the building. Running the line inside the building anchoring it on the exterior wall near the bottom of the roof structure This would require a scheduling analysis with your staff, a structural analysis of the building and roof systems to insure the best possibility of this option.





Goal 2: Design

“Provide all necessary services to the design of the water line extension from the proposed water termination point along Independent Avenue to the existing fire sprinkler service entrance located behind the building.”

Depending upon your selection of the solution option that would give the best solution to your situation, the Three Designs’ Team would develop the Design Development documents for your approval.

Design Development Documents for Waterline

Preparation Design Development Drawings and Specifications for development of the waterline system

- After approval of the assessment and schematics of the option selected, we would develop the drawings and specifications for the water line system
- Submit Plans and Specification package to ABCC Warehouse project team for approval

Goal 3: Design/Bidding

“Provide all necessary design and bidding documents in accordance with the procedures of the West Virginia Purchasing Division for a new fire pump and connection to the existing emergency generator as an alternative power source.”

Upon approval of the Design Development set, we would prepare the Construction Documents (drawings and specifications) for bidding and construction administration.

Bidding / Construction Documents for Waterline

Preparation Renovation Drawings and Specifications for bidding and construction

- After approval of the assessment and as-built drawings of each facility, develop the drawings and specifications for final review by ABCC Warehouse
- Submit Plans and Specification Update package to ABCC Warehouse project team for approval
- Develop Bid Package(s) for the construction of the project



Goal 4: Review

“Provide construction contract administration services to ensure that each task is constructed and functions as designed. Prepare a review of the existing fire sprinkler system and provide recommendations and contract documents to insure that the revised system meets current fire code requirements.”

Numerous factors influence the scope of your project. Defining the boundaries of the problem is the first step, and will help determine the scale of the solution. We would look into solution options that would give opportunities to find the best solution to your situation. Options that may include:

Construction Administration for Waterline

After successful bidding and contractor, the Three Designs’ Team would conduct Construction Administration for the ABCC Warehouse waterline project as follows:

- Provide Our Team’s Complete Construction Administration services
- Review shop drawing submittals for the project
- Review pay applications for compliance with the work completed
- Conduct project meetings for the construction phases
- Conduct punch list and finalize construction administration
- Close out for a ABCC Warehouse’s **Successful Project**



Goal 5: Construction Documents

“Provide construction documents to decommission and remove the existing 300,000 gallon fire tank, water tank pump house, related piping, the existing diesel motor and control panel. The removal of existing water tank will take place upon completion of the fire sprinkler renovations.”

Bidding / Construction Documents for Demolition of Water Tank / Pump / Accessories

Preparation Demolition Drawings and Specifications for removal of Water Tank / Diesel Pump / Accessories for

- After approval of the waterline construction, develop the drawings and specifications for demolition phase of the water tank
- Submit to the ABCC Warehouse project team for review and approval
- Develop Bid Package for the project
- Provide Our Team’s Complete Construction Administration services
- Close out for a ABCC Warehouse **Successful Project**

Goal 6: Project Drawing

“Provide project drawings in sets of three (3) paper and one (1) AutoCAD format to allow future chances to the drawings. All bidding documents, project drawings and electronic versions will be given to the ABCC Project Manager or their designee. The State shall retain copyright control over the final project drawing/documents and may reuse documents for State facilities management purposes.”

We will complete the project by complying with the requirements of submitting paper documents and AutoCAD drawings to the ABCC Warehouse project team.

As-Built Drawings

Develop as-built plans used for the project bidding and construction phases

- The plans will be submitted to the ABCC Warehouse addition and renovation needs for their purposes
- This portion of the project will be performed as quickly as practical

5. ATTACHMENTS

The Three Designs Team has compiled this proposal for the architectural and engineering necessary to provide the Fire Protection Renovation Project with the three principles of care developing the needs of this project.

Functional / Aesthetic / Cost Effective

The Purchasing Department's qualifications form are attached for the needs of your project on the following pages.



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Three Designs, PLLC
Authorized Signature: *[Signature]* Date: June 16, 2015

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 16 day of June, 2015.

My Commission expires September 8, 2021.

AFFIX SEAL HERE

NOTARY PUBLIC *[Signature]*



CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained 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.

THREE DESIGNS, PLLC

(Company)

RON L. BOLEN

RON L. BOLEN

PRESIDENT

(Authorized Signature) (Representative Name, Title)

304.807.0841

06/12/2015

(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI_ABC150000001

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

THREE DESIGNS, PLLC

Company

Stan L. Mel

Authorized Signature

06/12/2015

Date

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