



Expression of Interest  
**A/E Services for Security Enhancements for  
Robert Shell Juvenile Center**

West Virginia Department of Administration  
Purchasing Division | WV Division of Juvenile Services

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WV Purchasing Division

February 11, 2016

**ORIGINAL**



engineering | architecture | geospatial



**GRW** | engineering | architecture | geospatial  
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304.727.5501 | www.grwinc.com

February 10, 2016

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

**RE: A/E Services for Security Enhancements for Robert Shell Juvenile Center | #DJS160000001  
West Virginia Department of Administration | WV Division of Juvenile Services**

Dear Ms. Rink and Selection Committee Members:

GRW appreciates the opportunity to submit our statement of qualifications for upgrades to physical security systems at the Robert Shell Juvenile Center in Barboursville, WV. As we outline our capabilities, expertise and approach for helping you to meet your project goals, we wish to point out several key elements that make GRW the best choice for your consultant on this project:

- Demonstrated ability to maintain clear communications with all participants throughout the project
- Knowledge and experience with the design of correctional facilities
- Qualified staff with expertise, local knowledge and capacity
- Commitment to meet your goals, including an implementation plan that minimizes disruption of day-to-day facility operations

**Experience that Meets Your Needs.** GRW is a full-service A/E design consulting firm that has been working with clients like you on similar projects throughout the region and locations nationwide for more than 50 years. Our corrections experience ranges from security upgrades for state facilities to the first LEED Silver certified Federal Correctional Institution for the Federal Bureau of Prisons. A portion of our relevant experience includes:

- West Virginia Division of Corrections Lakin Correctional Center Lightning Protection Improvements, West Columbia, WV
- Roederer Correctional Complex Security Upgrades, LaGrange, KY
- Gilmer Federal Correctional Institution, Glenville, WV
- U.S. Federal Courthouse Renovation and Security Upgrades, Lexington, KY
- Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL
- Canaan U.S. Penitentiary and Satellite Camp, Canaan, PA
- Manchester Federal Correctional Institute and Satellite Camp, Manchester, KY
- Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS
- McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY
- Harlan County Detention Center, Harlan, KY (new construction and later renovation)
- Northpoint Training Center Replacement, Burgin, KY
- Roederer Correctional Complex Renovation, LaGrange, KY
- Luther Lockett Correctional Complex Fire Alarm Replacement, LaGrange, KY
- Eastern Kentucky Correctional Complex, Phase I & II, West Liberty, KY

**Our Team Offers Expertise and Local Talent.** Having designed more than \$700 million of detention facilities, GRW's experienced design experts understand the unique challenges presented in a correctional environment, and we will offer innovative solutions based upon our technological know-how and past experiences.

Our familiarity with West Virginia state agencies is illustrated through the completion of projects such as the Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV; West Virginia Division of Corrections Lakin Correctional Center Lightning Protection Improvements, West Columbia, WV; Marshall University Weisberg Family Engineering Laboratory, Huntington, WV, and numerous projects for the West Virginia Air and Army National Guard in Charleston, Martinsburg, Kingwood, and Ripley. Other projects include the Coal Heritage Highway Authority's Patteson Building renovation in Mt. Hope, and a new Sheriff's Office (incorporates secure door hardware, monitoring systems and bullet-resistant construction) in Mason County.

Furthermore, our team's local knowledge and capacity is strengthened by GRW's acquisition of Chapman Technical Group, a 36-person West Virginia-based firm. Our firms' combined resources provide you access to more than 235 professionals, including a building design studio including architectural professionals supported by an in-house team of electrical, mechanical, structural and civil/site engineers and technicians. The majority of work for your juvenile facility security upgrades will be performed by our multidisciplinary design team located in St. Albans.

**We Are Committed to Your Success.** Taking care to meet your goals for your budget and schedule is a priority, as it is on every GRW project. From our extensive federal, state and local government experience, GRW is skilled at delivering designs that maximize the potential of the site, and integrate the architectural and engineered features of the building in relation to its environment, eliminating the need for redesigns and re-bids to bring the cost within budget. We use a variety of cost estimating methods, in addition to maintaining a current database of bid tabulations for recent, similar projects, and we keep track of materials and labor cost trends during the course of designing our projects.

The ultimate measure of success is how well the completed projects meet your needs and aspirations. To this end, our project team is committed to establishing an inclusive, methodical and logical approach to the design process. We believe the GRW team is ideally suited to deliver a functional, modern and aesthetically pleasing design that can be easily maintained for many years to come.

Thank you for your consideration and for the opportunity to work with the West Virginia Department of Administration, and the Division of Juvenile Services. We look forward to the next step in your selection process where we can present our additional ideas toward the successful completion of your project.

Sincerely,



Joseph E. Bird, PLA, ASLA  
Vice President/Project Manager



engineering | architecture | geospatial



# A/E Services for Security Enhancements for Robert Shell Juvenile Center

West Virginia Department of Administration  
Purchasing Division | WV Division of  
Juvenile Services

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## 1.0 GRW Introduction



GRW is a Kentucky-owned, Kentucky-based multidiscipline architectural, engineering, and planning firm with more than 50 years of experience, and national recognition as a top producing firm. Technical excellence and personal service are guiding principles at GRW, resulting in repeat clients providing 90 percent of GRW's current workload.

Our experienced, customer-focused team delivers award-winning, highly functional projects.

*Building Design and Construction's Giants 300* report ranks GRW among the nation's top firms in design and construction.

We take pride in our successes, and our experienced multidisciplinary project team is prepared to make your project another success story. Given the considerable staffing resources available to GRW, and with hands-on monitoring by our Project Manager, we will have no difficulty in delivering the design services in accordance with your desired schedule.



### Architectural Services

GRW offers a full-service building design studio, with architectural professionals supported by an in-house team of electrical, mechanical, structural and civil/site engineers and technicians. We can complete all project phases, from concept design through construction administration and inspection.

Our project experience includes facility renovations and expansions, as well as new facility construction, for a wide range of clients. We will focus our design efforts on improving the functionality, operating efficiency, aesthetics and long-term value of your building project. **GRW strives to deliver "whole building" designs that not only maximize the potential of the site, but also integrate the architectural and engineered features of the building in relation to its environment.** We have **12 LEED Accredited Professionals** in key disciplines (architecture, electrical, mechanical, structural, sanitary and civil), and we have designed or are in the process of designing more than 1,800,000 SF of LEED registered projects.

### Correction Facility Design Experience

GRW's vast correctional facility project experience includes feasibility studies, renovations and expansions, as well as new facility design. In fact, GRW has provided planning and design services for more than \$900 million of correctional facilities for federal, local and state governments. GRW has also completed extensive **surveying** and **aerial mapping** for the Federal Bureau of Prisons.

A summary of GRW's correctional facility services and capabilities includes:

- Facilities Planning & Design
- Physical / Electronic Security Systems Evaluation & Design
- ACA Compliance Evaluations
- Capacity Planning
- Needs Assessments and Feasibility Studies
- Construction Administration
- Sustainable Design
- Cost Estimating
- Programming Charrettes
- Utilities Studies
- Accessibility (ADA) Studies
- Three Dimensional Modeling

Detailed project profiles are included in this **Section 3.0**. The following is a brief listing of our related experience:

- **Federal Correctional Institute, Manchester, KY** - This 450,000 SF complex houses 16 major buildings including four, two-story housing units (132 cells each) and one, two-story (150-bed) segregation unit. Site work included stabilization of an abandoned strip mine area, and excavation and embankment of over 2,000,000 cubic yards of earth and rock.
- **Federal Correctional Institute, Satellite Camp, Manchester, KY** - This minimum security camp houses numerous buildings including two, two-story dormitories (150 beds each).
- **Fire Alarm Replacement, Luther Lockett Correctional Complex, LaGrange, KY** - GRW provided design for \$900,000 fire alarm replacement project.
- **Northpoint Training Center Replacement, Burgin, KY** - GRW was selected by the State of Kentucky to fast-track design and provide construction oversight for the reconstruction of prison facilities (41,646 SF total) following a riot and fire that rendered five buildings at the site complete losses. Project bid in six bid packages, allowing contractor to break ground and complete site utilities, foundations, building envelopes before winter.
- **United States Penitentiary and Satellite Camp, McCreary County, KY** - Utilizing the Design/Build project delivery process, GRW led the design team in conjunction with the contractor, Caddell Construction. Work involved a **maximum-security** main facility (62,000 square meters) and a **minimum-security** camp (3,000 square meters). This \$124,000,000 facility, located on 460 acres, can house more than 1,000 inmates.





- **Phase I & II, Eastern Kentucky Correctional Complex, Morgan County, KY** - This 565,000 SF complex includes four, 4-story, X-shaped housing units (1,000 beds), a 100-cell segregation unit, and a 50-bed min. security unit.
- **Federal Correctional Institution and Satellite Camp, Glenville, WV** - This \$106,000,000 correctional facility for the Federal Bureau of Prisons (FBOP) was built on a reclaimed mine site. The prison consists of a medium security main complex and a minimum security camp. The facility is comprised of 13 buildings (603,132 SF) which can house 1,000 main complex inmates and 128 camp inmates.
- **Federal Correctional Institution and Satellite Camp, Aliceville, AL** - GRW led the design team, in conjunction with Caddell/Yates JV, for the design/build of a women's medium-security Federal Correctional Institution and minimum-security Federal Prison Camp located near Aliceville, Alabama. This LEED Silver \$196-million project has a gross building area of approximately 58,000 square meters, and will house approximately 1,800 inmates.
- **United States Penitentiary and Satellite Camp, Canaan, PA** - This \$131,000,000 correctional facility for FBOP consists of a maximum-security main complex and a minimum-security camp. This 647,632 SF facility can house main complex 1,000 inmates, and 128 camp inmates.
- **Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS** - Design services for design/build delivery of LEED Silver, \$175-million, medium-security main complex and minimum-security prison camp, with a gross building area of 780,000 SF and housing approximately 1,200 inmates. Includes six, 2-story housing units, a secure housing unit, and program and multipurpose functions in rectangular campus layout.

## 2.0 Approach and Methodology for Meeting Your Goals and Objectives



### Understanding

GRW understands your proposed project at the Robert Shell Juvenile Center involves the following goals and objectives:

**Enhancing Physical Security:** The existing facility was constructed as “staff-secure.” The proposed additional physical security measures will transform the facility to a “secure confinement” (detention) model. The new work will focus on:

- Security cell doors and locks
- Sally ports
- Fencing upgrades
- Controls and hardware
- Camera systems

A key consideration of the work will be making sure that, with the increased security measures, the facility continues to meet all applicable life-safety requirements and other state and national juvenile standards

*We describe our team’s proposed approach to the physical security upgrades on the following pages.*

**Minimizing disruption to the daily operation of the facility** is critical to the overall success of the project. A phased work plan will be developed, through a collaborative process during design, to ensure that normal activities and operations continue uninterrupted during construction.

*We describe our approach to developing this plan in more detail on the following pages.*



**Communication procedures** are also important to you. Our team understands this and is committed to ensuring you are comfortable with how we work with you and communicate with you throughout every phase of your project.

*Our Communications Plan, described later in this section, addresses this topic.*

## Approach Overview

Our approach to your project is straightforward: assemble the best and brightest design talent in the corrections field; bring an open mind with a fresh perspective on programming and corrections design; and remain accountable to you throughout the process for cost control/budget.

The relationship between you and your chosen design consultant is critically important. The cornerstone of the GRW design approach is collaboration. Communicating in an open dialog, where ideas can be freely explored and considered, helps to vest everyone in the project's success, and is a vital prerequisite to ensuring buy-in from all project stakeholders.

## Security Upgrades Design Approach

Upgrading the existing facility from a staff secure model will involve several key steps.

### Kickoff/Charette:

- We will have an initial meeting with you and the primary project stakeholders to define in detail your project goals, discuss possible options for accomplishing those goals, and identify the required budget and schedule for the work. Following this meeting, we will issue a written record of our discussions.

### Existing Conditions:

- We will take stock of the existing building, through an examination of existing documentation and field research.
- We will identify existing conditions that are not in compliance with current codes and standards, including, but not limited to, ADA compliance, life-safety compliance, and state/federal juvenile facility requirements.
- At the conclusions of this step we will create a report to share with you that outlines the condition of the existing building components and systems that will be affected by the work of this project.

### Schematic Design:

- **Schematic Design:** Using the information from the Kickoff/Charrette and the subsequent analysis of existing conditions, we will proceed with developing an initial concept design showing the incorporation of the various desired security upgrades.

- We will present this concept to you through the use of drawings, product cut sheets, written narratives and an initial cost estimate. After your review of the material, we will meet together to go over the design, review the budget, and document any desired revisions. We will repeat this process as needed to reach an acceptable solution that meets your goals and budget.
- During Schematic Design, we will discuss with you options and ideas for minimizing the impact of construction on your day to day operations. This might include phasing the construction, or planning the sequence of work around times when certain spaces are normally unoccupied.
- We will document each step of the process with thorough meeting minutes.

### **Construction Documents:**

- Using the approved schematic design documents as our basis, the design team will proceed with preparation of construction documents ready for bidding.
- At the 65% completion point, we will double-check the budget/estimate against the drawings, to make sure that the work remains within your budget. We will also meet with you to get any final decisions that are needed with regard to materials, equipment, and finishes.
- We will incorporate a phasing plan into the final drawings and specifications that minimizes the impact of construction on your day-to-day operations.
- The final construction documents will consist of drawings, specifications, and instructions to bidders. The documents will be complete and ready for bidding.

### **Project Budget Accountability**

As public officials, you are accountable to the public for the expenditure of public monies. The GRW team understands your obligation and stands prepared to help deliver a project design that is cost-effective and that represents an efficient and appropriate use of public funds. Rarely do projects have sufficient budget to accommodate everything on the programmatic “wish list”. Assessing the project budget relative to the program must be done early and often in order to guide the project to a successful conclusion. GRW approaches this process in a pragmatic and open manner. This subject will be on the agenda of every project meeting we have with you, and it will be discussed openly and frankly so that everyone is kept abreast of any potential concerns. Prioritizing the program relative to the budget can be a difficult task, with different stakeholders sometimes at odds over how to resolve differences of opinion. GRW excels at guiding this process and helping you to resolve these differences.

GRW has a strong history of successful estimating for projects in West Virginia. GRW’s detention design experts will draw upon this local knowledge

during the development of our construction cost estimates. We can also develop a list of possible value-engineering revisions to help further reduce the construction cost and give you the most construction value for your dollar.

## **Special Design Considerations**

GRW will deliver a facility that is safe, ADA compliant, and environmentally friendly. Our experienced design experts understand the unique challenges presented in a correctional environment, and we will offer innovative solutions based upon our technological know-how and past experiences.

### **Safety and Occupied Construction Sites**

Safety, in a detention setting, encompasses a variety of components – the safety of public visitors, the safety of staff, and the safety of detainees. These issues are especially critical during the alteration of an occupied correctional facility.

For example, GRW completed design and construction oversight services for the fast-track rebuild of the Northpoint Training Facility in Burgin, KY, following a prisoner riot which destroyed five buildings at the site. The project included developing, sequencing, and specifying security procedures for operating within an inmate-occupied facility during construction work inside the existing secure perimeter.

Our additional experience with occupied corrections facility renovation includes the Harlan County Detention Center, which was partially occupied throughout construction, as well as fire alarm replacement at the Luther Lockett Correctional Complex in LaGrange, KY.

**Our design staff will approach these safety components in a number of ways, including:**

- Secure construction to control residents within designated areas, with compartmentalization of detainee areas according to your detainee classification system.
- Line of sight and security electronics to assist staff in monitoring detainee movement and activity.
- Control detainee ability to observe staff movement outside the facility.
- Controlled worker access with appropriate contraband screening; and separation of circulation paths to ensure that movement of the public through the facility is monitored, and properly separated from detainee circulation.
- Fire compartmentalization to allow a defend-in-place solution in all but the most severe fire events.

## Accessibility

GRW has been at the forefront of accessible design ever since the Americans with Disabilities Act was signed into law by Congress in 1990. The most recent (2010) version of the ADA requires a minimum of 3% of the total number of cells to be designed as accessible. It further states that “cells with mobility features shall be provided in each classification level”. Of course, accessible design in a detention facility extends well beyond the cell itself, to encompass all services offered to inmates at the facility, along with public access and staff operations. Because the ADA is civil rights legislation and not a simple building code, a complaint is typically referred directly to the justice department. Facility operators understand the need for strict compliance, as detainees seem to enjoy filing complaints on any perceived shortcoming. For this reason, lack of compliance with the ADA is not only a legal/construction issue, but can become a considerable irritation for facility operations personnel.

*GRW’s recently completed BOP facilities, at Aliceville, AL, and Yazoo City, MS, were both designed for ADA compliance, and both were subjected to intense accessibility reviews by experts from the United States Justice Department. We passed these reviews with flying colors. (Project Profiles, Section 3.0)*

## **Communications Plan**

### Meetings

GRW will meet with you as often as necessary to arrive at an agreed-upon project approach. These meetings will be held at your offices, and will be open to any stakeholders that you would wish to include in the process. We encourage open and frank communication during these meetings, so that no issue is left hanging. Key meetings during design will include:

- Initial kickoff/charrette
- Schematic design review
- 65% construction documents review
- 95% construction documents review
- Other design meetings as needed to clarify project approach and/or to review the budget/estimate.

Shortly after the conclusion of these meetings, GRW will issue minutes that thoroughly document the topics and decisions of each of the discussion items.

### Weekly Teleconferences

We will have weekly conference calls with you to discuss current issues that arise. These calls will include the Project Manager, along with all the necessary supporting project design team members.

Each of the weekly teleconferences will be documented by thorough minutes.

### Internal Design Team Meetings

GRW will conduct internal design team meetings regularly throughout the design of this project, to review project issues, and to ensure compliance

with project deadlines. These internal meetings also serve to eliminate miscommunication and foster agreement by the group on common goals for the week. The Project Manager runs these meetings, and as a result of feedback received, he can make additional staff assignments, or arrange other company resources as needed to help meet your project goals.

### Communication during the Construction Phase

The same Project Manager you worked with throughout design continues as your point of contact through the entire course of construction. At GRW, we do not hand off construction administration to junior staff or part-time inspectors. During construction, we deliver our services with the same experienced group of architects and engineers that were responsible for the project design.

GRW manages and tracks our construction administration responsibilities using



**Newforma®** Project Center, a project information management software system. Newforma monitors, tracks, and archives the information related to the project, including RFIs, submittals, supplemental drawings, change order proposals, inspections, etc. It has built-in modules specifically developed for the A/E industry. **Using this system, Owners, Design Team, and Contractor/GC all have access to real-time logs showing the current status of all construction-related activities.**

We maintain clear and open communication throughout the construction phase. Using the Newforma software ensures that the process is transparent to all parties. The A/E team will not approve any change that affects project cost or quality without your approval, and then only after a thorough discussion of the reasons for the change. Contractor cost proposals are carefully reviewed to insure that the proposed costs are fair and reasonable. If they seem unreasonable, then we negotiate on your behalf until everyone is satisfied with the negotiated solution.

### **Flexibility**

These procedures are not set in stone, as GRW prides itself on being an organization without a lot of bureaucratic, administrative procedures that stifle creative people. Sometimes these procedures are streamlined for smaller projects, and sometimes they are more formalized for larger projects. At all times they remain flexible to accommodate the blending of procedures with those of our client organizations. We want you to be happy with the quality of our work: the bottom line is that GRW cares a great deal about performing repeat business with our clients.



## 3.0 Relevant Past Projects

The GRW team possesses both comprehensive correctional experience and the staff expertise to properly address each of your project components.

Your Robert Shell Juvenile Center Security Enhancements Project is similar in nature to many of the new and renovated correctional facilities completed by GRW. Details about these projects are provided on the following pages.

GRW has worked in facilities of various security types: minimum, medium, maximum.

### Specific Experience with Relevant Features

We have selected the projects because they demonstrate our firm's experience with design and/or improvements for the following security enhancements, many of which you plan to incorporate into your facility:

- Security fencing
- Security lighting
- Sallyport (inmate, vehicular, personnel)
- Security cameras
- Security electronics
- Electrical overhead power improvements
- Door replacement
- Control center room
- Gate entrance controls
- Closed circuit television
- Door control and monitoring
- Control panels







Photos from the existing facilities are shown above.

## Roederer Correctional Complex Security Upgrades, Oldham County, KY

Located in Oldham County, KY, the Roederer Correctional Complex houses 172 permanent inmates at full capacity. Depending on classification, inmates provide support services in areas such as maintenance, kitchen, laundry, legal office, grievance office, etc. Minimum custody inmates help maintain the 3,000 acre farm. The complex also includes a 200-bed intensive in-patient substance abuse treatment unit.

For this project, GRW's multidiscipline in-house team designed a security perimeter around the Unit 5 Building which houses 225 occupants. The upgraded medium security facility will be used to segregate drug offenders from the regular population.

Improvements included:

- Approximately 1,450 LF of perimeter fencing
- Sallyport for personnel and inmates
- 1,000 LF of gravel perimeter drive
- Vehicular sally port
- Exterior security lighting
- Exterior security cameras
- Electrical improvements including routing existing overhead power underground at fencing

**Client Contact:** Keith Bohart, Commonwealth of Kentucky Facilities and Support Services, Division of Engineering & Contract Administration, Bush Building, 403 Wapping Street, Frankfort, KY 40601; (502) 564-3155; keith.bohart@ky.gov







## Northpoint Training Center Replacement, Burgin, KY

GRW provided A/E design and construction oversight services for this fast-track project to rebuild prison facilities at the Northpoint Training Center in Burgin, KY. Following a week-long programming charrette with the Kentucky Department of Corrections and Division of Engineering & Contract Administration, the 41,646-SF project program (two new buildings, renovation of seven buildings, as well as the 1,900 SF addition/renovation of the control building) was defined and preliminary building placement locations were determined.

The project also included developing, sequencing, and specifying security procedures for operating within an inmate-occupied facility during construction work inside the existing secure perimeter.

The renovation work involved new security electronics (500 +/- cameras total), and egress stairwell interior / exterior door replacement at six, existing, two-story dormitories. Site renovation included fencing design that created segregated recreation yard areas for each dorm within the existing secure perimeter fencing. The central control building received an addition and renovation to include a new control center room and enlarged security electronics room. This building includes the gate entrance controls, communications equipment and a 300 SF area dedicated to security, control and recording equipment, which is now protected by a clean agent (NOVEC 1230) fire suppression system. The tanks, controls and release panel are located in an adjacent room, which is also protected by a separate zone of the clean agent system. An existing 100 kilowatt generator at the facility was relocated and connected to the central control building.

The project was bid in six bid packages: building demolition, fencing, site/foundation, structural steel, building envelope and mechanical/electrical/kitchen equipment/security electronics/corrections doors/hardware/interior finishes. This approach allowed the contractor to break ground and complete site utilities, foundations, building envelopes before winter weather.

**Client Contact:** Bruce Wilson, Commonwealth of Kentucky Facilities and Support Services, Division of Engineering & Contract Administration, Bush Building, 403 Wapping Street, Frankfort, KY 40601; (502) 782-0337; bruce.wilson@ky.gov





Aerial view of the Northpoint Training Facility campus in Burgin, KY (left); example (above) of a gate system being considered as part of the refurbishment of the vehicular sallyport being designed by GRW.

## Northpoint Training Center | Vehicular Sallyport Gate Refurbishment, Burgin, KY

GRW provided architectural design and electrical engineering services for the replacement of the existing vehicular sallyport gate panels and refurbishment of gate operators at the Northpoint Training Facility near Danville, KY. The existing system (*shown below*) was designed and constructed in the early 1980s.

In developing the new project for the Commonwealth of Kentucky, Division of Corrections, GRW developed two Phase A design options, and investigated sliding fence gate models from three manufacturers.

- **Option One** proposed refurbishing the existing sliding fence gate leaving the existing foundations, support posts, and overhead structural slide beam. Under this option the gate panels, locking column, operator, and moving parts would be replaced. The concrete sill would be repaired and resurfaced. The gate sill guides would be repaired and repainted. Electrical conductors, control wires, and control switches would be replaced in existing conduit. Shaker wire also would be reinstalled.
- **Option Two** proposed replacing the existing sally port gate, operator, and structural support system with one of three sliding fence gate models presented by three manufacturers.

Ultimately refurbishment of the existing system was selected. Design includes replacement of gate control switches in the guard tower adjacent to the existing sally port.

Previous work performed by GRW at Northpoint includes the A/E design and construction oversight services a fast-track project to rebuild the prison facilities, as well as structural analysis of existing buildings.

**Client Contact:** David Guffey, Project Manager, Commonwealth of Kentucky Facilities and Support Services, Frankfort, KY; 502-564-3155; david.guffey@ky.gov



Photos of the existing gate system at Northpoint Training Facility in Burgin, KY, are shown. GRW is designing the refurbishment for the vehicular sallyport gate system.





## Harlan County Detention Center Renovation, Harlan, KY

The jail, situated in a semi-urban setting, was built as a “high rise” structure due to a limited building site and the desire to connect the jail to the adjacent courthouse. Designed by GRW, the 16,630 SF building was a six-story, monolithic concrete structure with brick facing. The multi-phased renovation of this facility included roof replacement, HVAC upgrades, replacement of selected interior doors, smoke evacuation upgrades, and other miscellaneous improvements. The facility was partially occupied throughout construction.



Jail components included 39 cells, offices, control room, six day rooms and a recreational area on the roof. Fire safety features included a sprinkler system, fire alarm system, smoke evacuation system and an emergency generator. All floors, roof and entrances are monitored by closed circuit television cameras from the central control room. All cells, day room and stair doors are electronically controlled from remote stations. Eight cells are for maximum security inmates, four cells for isolation prisoners, four cells for juveniles and four cells for female inmates. Prior to the renovation, GRW also performed the Needs Assessment/Feasibility Study for the County. Detention needs for the next 20 years were projected, and the existing detention facility was reviewed in regard to violations of KBC building code, Department of Corrections regulations, and ADA regulations.

**Client Contact:** Dan Mosley, County Judge Executive, Harlan County, KY, Harlan County Judge Executive, P.O. Box 956, Harlan, KY 40831; (606) 573-2600; danmosley@harlanonline.net





## Federal Correctional Institution and Satellite Camp, Aliceville, AL

The first Federal Correctional Institution (FCI) to be certified LEED Silver, this \$196 women's medium-security FCI and minimum-security Federal Prison Camp have a gross building area of approximately 665,889 SF, and can house approximately 1,790 inmates. The FCI campus plan places three, 4-story, housing units, and program and multipurpose functions in a semi-circular campus layout enclosing a central secure compound.

GRW met an aggressive design schedule in completing the two-dozen buildings on the campus that meet a variety of functions, such as:

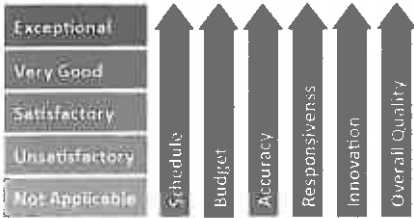
- Academic educational buildings (21,926 SF)
- Industrial/vocational buildings (54,916 SF)
- Personal services building (17,491 SF)
- One single-story segregation unit dormitory accommodating up to 48 inmates (19,105 SF)
- Food service (kitchen/dining) building (29,654 SF)
- Medical services building (12,324 SF)
- Warehouses/sanitation building (49,863 SF)
- Recreational building (17,319 SF)
- Vehicle maintenance building (8,126 SF)

Included within the engineering responsibilities were fire alarms, perimeter security, closed circuit television, telephone, door control and monitoring, paging, intercom, inmate duress alarms, inmate telephone system, structured data cabling systems, control panels, consoles, and fiber optic cable distribution systems. These systems were integrated into a functional security management and control system.

One of Aliceville's environmental and energy highlights is the use of a fully automated, energy recovering system that reclaims, filters, and treats laundry waste water from washing machines for reuse; reducing both energy and water consumption.

**Client Contact:** Mitch Miskimins, Project Manager, Federal Bureau of Prisons, Design and Construction Branch; (202) 514-9582; mmiskimins@bop.gov

### Owner Satisfaction



**GRW and Musacchio Associates worked together on this project.**

*This facility in Aliceville, AL, was the FBOP's first federal correctional facility (FCI) to be certified LEED Silver.*









**GRW and Musacchio  
Associates  
worked together  
on this project.**

This correctional facility earned LEED Gold certification with the U.S. Green Building Council.



## U.S. Penitentiary and Satellite Camp

### Yazoo City, MS

This men's high-security United States Penitentiary and minimum-security Federal Prison Camp have a gross building area of 780,000 SF, and will house approximately 1,200 inmates. The USP campus plan places six, 2-story housing units, a secure housing unit, and program and multipurpose functions in a rectangular campus layout enclosing a central secure compound. The FPC comprises a camp housing building and a camp core building. Other support buildings include a warehouse building, utility building, wastewater building and guard towers. A few additional prison components include:

- Education/psychology/religious facilities (24,671 SF)
- Vocational building (6,824 SF)
- Food service (kitchen/dining) building (24,498 SF)
- Medical services building (10,315 SF)
- Recreational building (18,355 SF)
- Camp housing building (32,798 SF)
- Personal services building (19,989 SF)
- One 2-story special housing building accommodating 120 inmates (33,917 SF)
- Two guard towers (2,325 SF)
- Physical and electronic security systems
- Utilities (potable and fire water mains, sanitary sewers, site electrical distribution and communication duct banks)

The Yazoo City FBOP project was registered with the US Green Building Council, and is on track for LEED Silver certification. One of the energy and environmental highlights is the use of a fully automated, energy recovering system that reclaims, filters, and treats laundry waste water from washing machines for reuse; reducing both energy and water consumption.

**Client Contact:** Jody Smith, Project Manager, Federal Bureau of Prisons, Design and Construction Branch, Washington, DC, (202) 514-6456, [jlsmith@bop.gov](mailto:jlsmith@bop.gov)





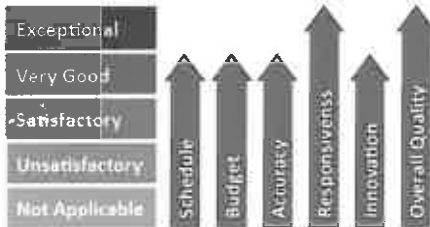
## U.S. Penitentiary and Satellite Camp

McCreary County, KY

This 533,000 SF prison complex includes 21 separate buildings. The main facility is an ADA-compliant maximum-security penitentiary housing 960 general-population inmates and 120 segregation-unit inmates. The campus plan places the six, 2-story housing units, and program and multipurpose functions in a rectangular campus layout enclosing a centralized soccer, softball and basketball field/court area. Several additional components:

- Academic educational buildings
- Industrial/vocational buildings
- Medical services building
- Personal services building (canteen, barber, laundry)
- Food service (kitchen/dining) building
- Vehicle maintenance building
- One two-story segregation unit

### Owner Satisfaction



*Merit Award - Design-Build  
 Institute of America*

*Marvin M. Black Partnering  
 Award - Associated General  
 Contractors of America*

*Engineering Excellence  
 Honor Award - American  
 Council of Engineering  
 Companies of Kentucky*

**GRW and Musacchio  
 Associates  
 worked together  
 on this project.**

Included within the engineering responsibilities were fire alarms, perimeter security, closed circuit television, telephone, door control and monitoring, paging, intercom, inmate duress alarms, inmate telephone system, structured data cabling systems, control panels, consoles, and fiber optic cable distribution systems. These systems were integrated into a functional security management and control system.

The \$124 million project was divided into four design packages with interim schedules. All design packages met project deadlines, and the project was completed 15 days ahead of schedule.

**Client Contact:** Peter Swift (Retired). Replacement contact is Mitch Miskimins, FBOP Design and Construction Branch; (202) 514-9582; mmiskimins@bop.gov

**"GRW embraced the partnering spirit during design development, which allowed the design-build team and the FBOP to communicate efficiently and effectively to achieve the design intent. Open communication, and thoughtfulness in action when addressing challenges, were instrumental in this project's success. This was specifically evident with GRW's design team manager, Mr. Scott L. Emerson, AIA."**

*Comment from Mr. D. H. Simmons, Contracting Officer, Federal Bureau of Prisons*





## Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV

This \$106,100,000 correctional facility for the Federal Bureau of Prisons was built on a 125-acre reclaimed mine site, and consists of a medium-security main complex and a minimum-security camp. The facility is comprised of 13 buildings (603,132 SF) which houses 1000+ inmates at the main complex and segregation unit. The Satellite Camp houses 128 inmates.

A summary of the prison's components include:

- Kitchen and dining buildings
- Industrial/vocational buildings
- Academic educational buildings
- Personal services building (canteen, barber, laundry)
- Medical services building
- Multi-purpose/recreational building
- Administrative/visitation building
- Three four-story dormitory buildings
- One two-story segregation unit
- General storage warehouse
- Central utilities plant
- Vehicle maintenance building
- Physical and electronic security systems
- Utilities
- Minimum-security camp for 128 inmates

**Client Contact:** Peter Swift (Retired). Replacement contact is Mitch Miskimins, FBOP Design and Construction Branch; (202) 514-9582; mmiskimins@bop.gov

GRW and Musacchio  
Associates  
worked together  
on this project.





*This project was recognized with an Honor Award of Design Excellence by the American Institute of Architects - Kentucky Chapter.*

**GRW and Musacchio Associates worked together on this project.**

## **Eastern Kentucky Correctional Complex, Phase I & II, West Liberty, KY**

This complex, with a gross building area of approximately 565,000 SF, was designed in two phases and includes four, four-story dormitory buildings (1,000 beds). In addition to all mechanical, electrical and civil design services, other components provided on the complex include:

- Staff housing adjacent to the site
- Over 40,000 SF of classroom facilities
- Over 16,000 SF of administrative offices
- Dining and kitchen facilities for a population of 1,500
- Support facilities to include religious, library, laundry, barber / canteen and health services
- Two gymnasiums
- One, 50-unit dormitory building, minimum security

Developed on a 225-acre, abandoned underground coalmine site, planning for the facility represented a unique site development challenge. Civil work included extensive erosion control, roads, parking lots, utilities, construction of embankments and stabilization of the existing coalmine and excavation of 750,000 cubic yards of earth and rock.

**Client Contact:** Bill Slone,  
Commonwealth of Kentucky  
Facilities and Support Services,  
Division of Engineering & Contract  
Administration, (502) 564-3155

*"The professional services provided by your firm have been of the highest quality. Commencing with the programming and continuously through the entire design process the four major objectives of comprehensive programming, planning, budget control, and final design have been accomplished. You have developed and maintained a nucleus of key senior staff and expert specialist consultants working in close and effective liaison with the Corrections Cabinet and Department of Facilities Management / Division of Engineering. Communications and project management have been excellent and we are very pleased with the design process ..."*

*Comment from Raymond B. Hayes, AIA, Associate Director of Architecture, Division of Engineering*







## **Burnsville Rest Areas, I-79, Mile Marker 86, WV**

The Burnsville Rest Areas are the first of the Standard Rest Areas to be built for the State of West Virginia. With dual sided men's and women's facilities, the structures are intended to meet the anticipated traffic load for twenty years from the date of design. They utilize materials native to the state, including smooth cut and rough stone, and a tern coated stainless steel roof system. A warm, but high-tech, Appalachian imagery greets the weary traveler, encouraging a more safe and rested trip. Low maintenance, but highly durable materials were used, including stone, stainless steel, glass, aluminum, wood, polished ground faced CMU, and epoxy terrazzo. Separate maintenance and vending buildings complement the main structures on the Northbound and Southbound sides.

**Owner:** West Virginia Department of Transportation, Division of Highways, Interstate 79 Interchanges, Charleston, WV 25301

## Roark Sullivan Lifeway Center Veterans' Transitional Living Center and Service Center, Charleston, WV

This 3,400 SF facility houses the Veterans Program and provides accommodations for 12 men in single room occupancies, geared to support veterans who are experiencing homelessness. The program provides housing and case management support, assisting men in the program to work toward self-sufficiency and community living. The design of the building supports that goal in providing modest bedrooms in favor of more spacious communal areas, thus providing the men with a space of their own while

encouraging interaction with the other men in the program. A communal kitchen, laundry room, dining area, and two living and entertainment areas support the idea of interaction and self-sufficiency.

**Client Contact:** Roark Sullivan Lifeway Center, 507 Leon Sullivan Way, Charleston, WV



## WV DOH State Road Commission Building Renovation, Charleston, WV

As part of a West Virginia Division of Highways District One Campus project, the former State Road Commission Building (left) will be renovated to serve as an office building for various DOH personnel. The 40,000 square-foot facility will retain as many historical features as possible while providing energy-efficient and cost-effective systems throughout. In addition to a complete interior makeover, the building will also include new doors, windows, roofing and a new elevator. A skywalk will connect the building to a new Headquarters Building being constructed beside the SRC Building, and a courtyard between the two will be provided for employee use.

**Client Contact:** West Virginia Department of Transportation, Division of Highways, Charleston, WV 25301

## Tucker County Courthouse & Jailer's Residence – Restoration, Parsons, WV

This project included a conditions report for the stabilization and restoration of the Tucker County Courthouse and Jailer's Residence. After evaluating and assessing the condition of the existing structure; Chapman Technical Group submitted a



detailed plan for the stabilization of the structure, and recommendations on how to restore and renovate the structure for future use. A prioritized budget was compiled identifying the most critical and immediate repairs that should be scheduled as soon as funds became available, and restoration, upgrades, and ongoing maintenance that could be delayed to future dates. Phase 1 of this plan was affected in 2011 to refurbish, repoint, and stabilize the chimneys of the Courthouse and the Jailer's Residence (Commission Offices).

**Client Contact:** Tucker County Commission, 213 First Street, Parsons, WV

## Upshur County Courthouse Renovations, Buckhannon, WV

Since the design and construction of the courthouse annex in 1995, Chapman Technical Group has been involved in several improvement and restoration projects at the Courthouse in Buckhannon. In 2005, a lift was installed and the plaza renovated to make



the original courthouse accessible. In 2006, the Courthouse dome and clock tower were completely restored. In 2007, the Courthouse portico stonework was restored, and in 2008 the work was honored by the AIA/WV for Excellence in Architecture.

**Client Contact:** Upshur County Commission, 38 West Main Street, Buckhannon, WV 26201

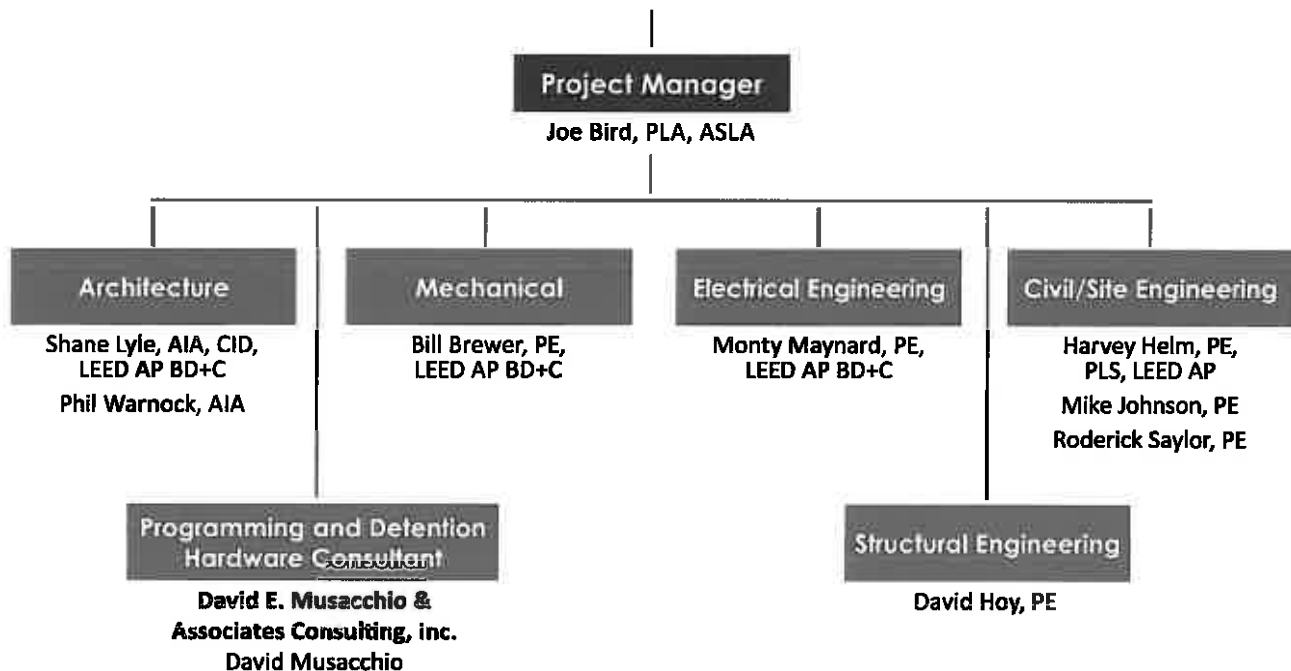
## 4.0 Staff Qualifications



When you work with a GRW team, you have access to some of the most reputable specialty consultants in the industry. From operations and correctional facility design to suicide prevention and inmate mental health to detention hardware and security electronics, our team members are experts in their fields. Furthermore, our team's local knowledge and capacity has been strengthened by GRW's acquisition of Chapman Technical Group, a 36-person West Virginia-based firm. Our firms' combined resources now provide you access to more than 235 professionals, including a building design studio of 12 architectural professionals and more than 40 electrical, mechanical, structural and civil/site engineers and technicians.

The majority of work for the juvenile facilities renovation will be performed by our multidisciplinary design team located in St. Albans. Assisting our team will be juvenile corrections subconsultant David Musacchio who has more than four decades of both operations and design experience.

### West Virginia Department of Administration, Purchasing Division and Division of Juvenile Services





BECKLEY FEDERAL COURTHOUSE  
BECKLEY, WV



## Joe Bird, PLA, ASLA GRW Project Manager



### Qualifications and Similar Project Experience

Joe is a project manager and registered landscape architect. His experience ranges from large site development projects to the management of multidiscipline and architectural projects.

Joe has significant experience with site planning / development and project management for numerous projects throughout West Virginia. These have ranged from small campus sites to large sites for commercial, government, industrial, and institutional development.

His experience also includes urban planning and development, streetscape design, roadway and storm drainage projects, as well as the project management of numerous major architectural projects throughout West Virginia.

**Tucker County Courthouse and Jailer's Residence Restoration, Parsons, WV -** Principal. Report included conditions assessment, recommendations for stabilization and restoration, and prioritized budget. First design phase included refurbishment, repointing, and stabilization of chimneys.

**Upshur County Courthouse Renovations, Buckhannon, WV -** Principal. Award-winning design and construction of several improvement and restoration projects including accessibility modifications (lift installed and plaza renovated to make original courthouse accessible), dome and clock tower completely restored, portico stonework was restored.

**State Road Commission: Historic Building Renovations (40,000 SF) Charleston, WV -** Project Manager.

**Mason County Sheriff's Office: Renovation of Old Hardware Building -** Project Manager.

**Roark Sullivan Lifeway Center: New Construction/Veterans' Transitional Living Center, Charleston, WV -** Project Manager.

**Belington Multi-Tenant Building: New Construction (25,100 SF), Belington, WV -** Project Manager.

**Buckhannon City Hall: Addition/ Renovations, Buckhannon, WV -** Project Manager.

**Blackwater Falls State Park: New Construction/Cabins, Davis, WV -** Project Manager.

**West Virginia Department of Administration, State Offices Consolidation Project Site Evaluations, Charleston, WV -** Project Manager / Landscape Architect.

**West Virginia Workers' Compensation Commission, New Office Building Site Evaluations, Morgantown, WV -** Project Manager / Landscape Architect.

**Years of Experience:** 38  
**Years with GRW:** 31

### Education

B.S., Landscape  
Architecture, West  
Virginia University

### Registration

Professional Landscape  
Architect: WV, KY

### Professional Affiliations

West Virginia Chapter of  
the American Society of  
Landscape Architects

Mr. Lyle has successfully led correctional projects ranging from the renovation of county jails to the design of the Federal Bureau of Prison's first LEED Silver Federal Correctional Institution, located in Aliceville, AL.



ALICEVILLE FEDERAL CORRECTIONAL INSTITUTION  
AND SATELLITE CAMP (ADMINISTRATION BUILDING)  
ALICEVILLE, AL





## Shane Lyle, AIA, LEED AP BD+C GRW Architect



**Years of Experience:** 33  
**Years with GRW:** 27

### **Education**

Bachelor of Architecture  
(with honors), University  
of Kentucky

### **Registration**

Registered Architect: KY,  
WV, TN, AL, GA, IN, TX,  
MS, SC, FL, MO

National Council of  
Architectural  
Registration Boards  
(NCARB) Certification

LEED Accredited  
Professional, Building  
Design + Construction

Certified Interior  
Designer: Kentucky

### **Professional Affiliations**

American Institute of  
Architects

Past President - East  
Kentucky Chapter  
(Lexington), American  
Institute of Architects

Member / Past Officer -  
UK College of  
Architecture Alumni  
Association

Life Member - UK Alumni  
Association

### **Qualifications and Similar Project Experience**

Shane takes primary responsibility for a wide range of architectural projects for clients including, local and state governments, the U.S. Armed Forces, the Federal Bureau of Prisons, as well as universities, medical facilities, and private developers. Among his areas of expertise are programming / planning, budget analysis, design, construction documents, client meetings, bidding / negotiation services, construction phase services, and code compliance.

**Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL** – Project Manager. Design-build delivery of LEED Silver \$196 M medium-security main complex with three 4-story housing units, and minimum-security prison camp.

**Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS** – Principal-in-charge. Design-build delivery of \$175 M medium-security main complex with six 2-story housing units, and minimum-security prison camp.

**Harlan County Detention Center Needs Assessment/ Feasibility Study, Harlan, KY** – Principal-in-Charge. Evaluation of existing 16,630 SF, 6-story detention facility to provide alternatives addressing ADA compliance and capacity of existing facility to house expected future population.

**Harlan County Detention Center Renovation, Harlan, KY** – Principal-in-Charge. Phased renovation of 6-story facility, partially occupied during construction activities.

**Harlan County Justice Center, Harlan, KY** – Principal-in-Charge. New 31,500 SF judicial courts facility utilizing Construction Management as project delivery method.

**Cumberland County Justice Center, Burkesville, KY** – Project Manager. Design of new 24,270 SF courts facility utilizing Construction Management as project delivery method.

**Del Rio Police Station, Del Rio, TX** – Architect of Record. New 27,000 SF city police station with detention area and 7,000 SF secured evidence space.



**BURNSVILLE REST AREAS**  
I-79, MILE MARKER 86, WV



## Phil Warnock, AIA GRW Architect



### Qualifications and Similar Project Experience

Phil's experience ranges from design, detailing and drafting through project management and construction administration of building projects in various states, including West Virginia, Tennessee, Kentucky and South Carolina. His vast project experience ranges from public safety buildings to public schools to health care facilities. He has received two AIA West Virginia awards: an Honor Award for Excellence in Architecture for the historic preservation of the Upshur County Courthouse and a Merit Award for Achievement in Architecture for the I-79 Rest Areas in Burnsville.

**Years of Experience:** 25  
**Years with GRW:** 13

#### Education

Bachelor of  
Architecture, University  
of Tennessee

#### Registration

Registered Architect:  
WV, KY, TN

National Council of  
Architectural  
Registration Boards  
(NCARB) Certification

#### Professional Affiliations

American Institute of  
Architects

**Upshur County Courthouse: Dome Renovations, Column Replacements, Buckhannon, WV** – Project Architect Award-winning design and construction of several improvement and restoration projects including accessibility modifications

**State Road Commission: Historic Building Renovations (40,000 SF), Charleston, WV** – Project Architect

**Roark Sullivan Lifeway Center: New Construction/Veterans' Transitional Living Center, Charleston, WV** – Project Architect

**WV DOH Rest Areas and Welcome Centers: New Construction, Various locations throughout WV** – Project Architect

**Vienna Senior Center: Building Renovations (4,000 SF), Vienna, WV** – Project Architect

**Pocahontas County Wellness Center: New Construction/Multi-Purpose Gymnasium (13,000 SF), Marlinton, WV** – Project Architect

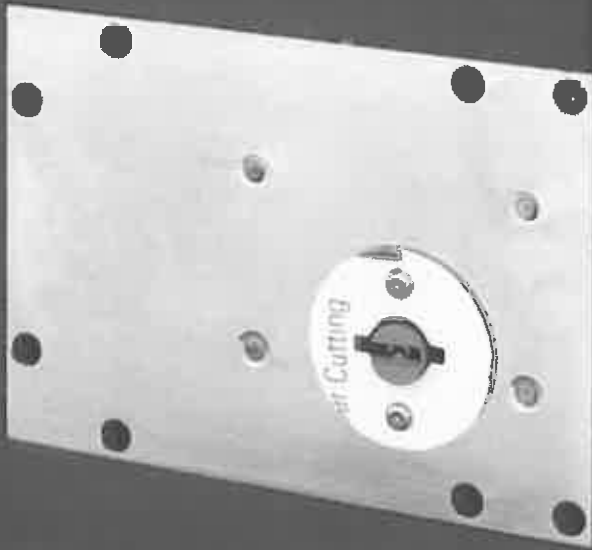
**Mercer County Airport: Terminal Building Renovations, Bluefield, WV** – Project Architect

**Coal Heritage Trail Authority: Historic Building Restoration/Renovation, Mt. Hope, WV** – Project Architect

**Lewis County Courthouse: Roof Area Restoration, Weston, WV** – Project Architect

**Marlinton Train Depot: Historic Building Reconstruction, Marlinton, WV** – Project Architect

**St. Albans High School Girl's Softball Field, Charleston, WV** - Architect. Schematic drawings were provided for dugouts and concessions stand area with press box and restrooms.



U.S. PENITENTIARY AND SATELLITE CAMP  
YAZOO CITY, MS



## David Musacchio

### David E. Musacchio & Associates Consulting

#### Qualifications and Similar Project Experience

David has been a private practicing consultant in the field of corrections and criminal justice for more than 40 years. He focuses on institutional staffing, operations and facility design, and has a comprehensive knowledge of institutional and detention hardware as well as security electronic control and monitoring equipment.

His background includes serving as Director of Corrections for Jefferson County in Louisville. He also worked with the Kentucky Crime Commission, the Federal Law Enforcement Assistance Administration State Planning Agency, where he was responsible for all correctional and state police programs, planning and funding. He has participated in more than 200 correctional planning and construction projects.

**Years of Experience:** 42

#### Education

Bachelor of Arts,  
Psychology / Minor in  
Sociology with Emphasis  
on Demography,  
University of Louisville

Master of Science,  
Social Work, University of  
Louisville

#### Professional Affiliations

Kentucky Council on  
Crime and Delinquency

American Jail  
Association

National Sheriff's  
Association

Southern Corrections  
Association

American Correctional  
Association

Florida Sheriff's  
Association

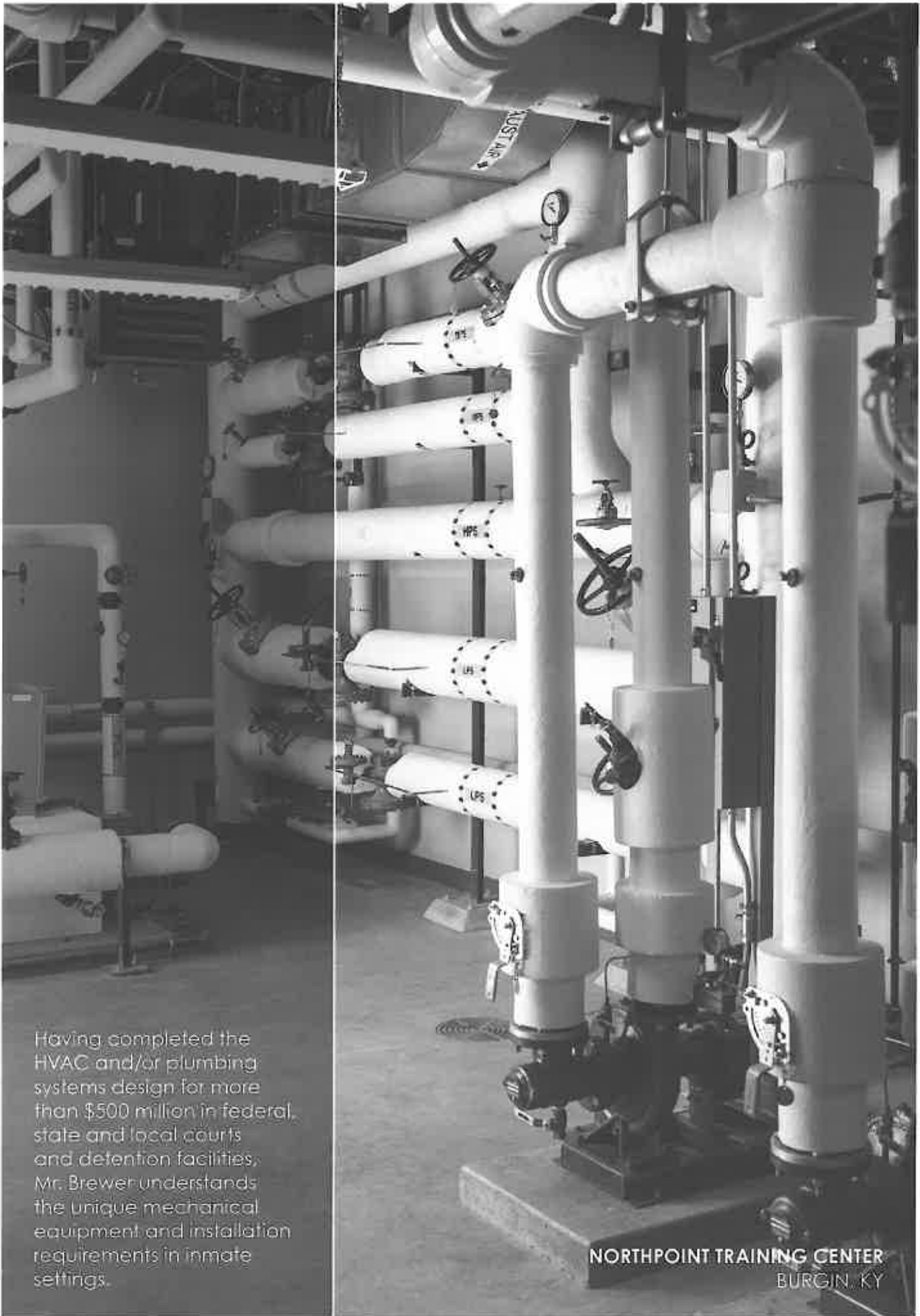
National Fire Protection  
Association

#### A few of his juvenile facility projects are listed here.

- Kentucky Department of Juvenile Justice -Seven (7) Regional Detention Facilities
- Kentucky Department of Juvenile Justice – 80-Bed Maximum Security Treatment Facility - Responsible for facility planning and operational design, selection of Security/ Detention Equipment.
- Beaumont Medium Security Learning Center – 150 Beds Beaumont, VA
- Master Plans & Capital Funding Plans for Bon Air Learning Center, Oak Ridge Learning Center, Reception/Diagnostic Center, RDC Learning Center, Richmond, VA
- Girls Maximum Security Juvenile Correctional Facility – 15 Beds Raymond, MS
- Roanoke Juvenile Detention Home – 42 Beds Roanoke, VA
- Regional Juvenile Detention Facility 32 Beds Winchester, VA
- Juvenile Detention Center – 75 Beds Virginia Beach, Virginia
- Hanover Juvenile Correctional Facility Medium Security Dormitory – 72 Beds Hanover, Virginia
- Norfolk Juvenile Detention Center – 80 Beds Master Plan and Design Norfolk, Virginia
- Boys Medium Security Juvenile Correctional Facility – 150 Beds Raymond, Mississippi
- Girls Medium Security Juvenile Correctional Facility – 100 Beds Raymond, Mississippi

#### David also was involved in the planning, design, as well as selection of security / detention equipment for these projects:

- Northpoint Training Center, Segregation Unit, Burgin, KY.
- Luther Luckett Correctional Complex, Segregation Unit, LaGrange, KY.
- Green River Correctional Complex, Central City, KY.
- Kentucky Correctional Institution for Women, Segregation Unit, PeWee Valley, KY.
- Morgan County Jail, Decatur, AL - Preliminary planning and design.



Having completed the HVAC and/or plumbing systems design for more than \$500 million in federal, state and local courts and detention facilities, Mr. Brewer understands the unique mechanical equipment and installation requirements in inmate settings.

**NORTHPOINT TRAINING CENTER**  
BURGIN, KY



## Bill Brewer, PE, LEED AP BD+C GRW Mechanical Engineer



**Years of Experience:** 45  
**Years with GRW:** 17

### Education

B.S., Mechanical  
Engineering, Case  
Western Reserve  
University

### Registration

Professional Engineer:  
KY, OH, NC, TN, NH, WV,  
IN, CA, TX, MS, GA, VA,  
MI, PA, KS

Professional Member,  
Society of Fire  
Protection Engineers

LEED Accredited  
Professional, Building  
Design + Construction

### Professional Affiliations

American Society of  
Mechanical Engineers

American Society of  
Heating, Refrigeration  
and Air Conditioning  
Engineers

International Code  
Council

Society of Fire  
Protection Engineers

International Ground  
Source Heat Pump  
Association

U.S. Green Building  
Council

American Council of  
Engineering Companies

Certified Energy Auditor

### Qualifications and Similar Project Experience

Bill's lengthy resume involving building and industrial process systems includes the design, application and trouble-shooting of environmental and process systems, particularly HVAC, plumbing and fire protection systems. He has provided mechanical design for five major detention facilities.

**Northpoint Training Center Replacement, Burgin, KY - Mechanical Engineer.** Design and construction oversight services for fast-track project with multiple bid packages to rebuild prison facilities (41,646 SF total). Two new buildings meet LEED Certified Design Criteria. Included security system renovation at six existing two-story dormitories, addition/renovation of the central control building, and a campus emergency power generator.

**Del Rio Police Station, Del Rio, TX - Mechanical Engineer.** Site selection, needs assessment, design and construction documents for new 27,000 SF city police station with detention area and 7,000 SF secured evidence space, including design provision for future expansion, and security systems for access control and intrusion detection, intercom, and CCTV/DVR systems.

**Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL - Mechanical Engineer.** Design-build delivery of a women's medium-security Federal Correctional Institution and minimum-security Federal Prison Camp. The complex project is certified LEED Silver.

**Canaan U.S. Penitentiary and Satellite Camp, Canaan, PA - Lead Mechanical Engineer.** Design / build delivery of federal prison complex including administration, recreational, industrial / vocational buildings, security systems, personal services (canteen, barber, laundry) and other buildings/spaces.

**McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY - Lead Mechanical Engineer.** Design-build of a new prison complex totaling housing 1,080 inmates in maximum-security general population and segregation unit, and 128 inmates in a minimum-security satellite camp.

**Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV - Mechanical Engineer.** Design / build delivery, for a new federal correctional complex totaling 603,132 SF, built on a 125-acre reclaimed mine site.

**Federal Bureau of Prisons, Federal Medical Center, Fire Sprinkler System, Lexington, KY - Project Manager.** Retrofit of sprinkler systems to the majority of the prison campus and extension of the fire pumping system.

**Ft. Knox Warriors in Transition Headquarters Building, Fort Knox, KY - Mechanical Engineer.** Design services (including BIM model) for design-build of new 7,000 SF building to meet LEED Silver design criteria.

**Cumberland County Justice Center, Burkesville, KY - Mechanical Engineer.**

Mr. Maynard has had a major leadership and design role with five federal prisons, and understands the complexities of providing reliable power (including emergency/back-up power) and security electronics to correctional facilities.

NORTHPOINT TRAINING CENTER REPLACEMENT  
BURGIN, KY





## Monty Maynard, PE, LEED AP BD+C GRW Electrical Engineer



**Years of Experience:** 39  
**Years with GRW:** 20

### Education

B.S., Electrical  
Engineering, University  
of Kentucky

### Registration

Professional Engineer  
(Electrical): KY, WV, IN,  
GA, TN, TX, NV, NC, MS,  
MI, AL, CA

LEED Accredited  
Professional, Building  
Design + Construction

### Professional Affiliations

National Fire Protection  
Association

International Society of  
Automation

American Council of  
Engineering Companies

National Council of  
Examiners for  
Engineering and  
Surveying

Design Build Institute of  
America

Air National Guard Civil  
Engineering Association  
Life Member (Associate)

Society of American  
Military Engineers

Kentucky Society of  
Healthcare Engineers

### Qualifications and Similar Project Experience

Monty has designed electrical and mechanical systems for more than 300 projects with total construction values as high as \$188 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, power quality, energy efficiency and code compliance.

**West Virginia Division of Corrections Lakin Correctional Center Lightning Protection Improvements, West Columbia, WV** - Project Manager. Study and improvements at 166,000 SF, med-security, women's correctional facility.

**Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV** - Engineering Manager. Design / build delivery for a new federal correctional complex of 13 buildings built on a 125-acre reclaimed mine site.

**Luther Luckett Correctional Complex Fire Alarm Replacement, LaGrange, KY** - Principal-in-Charge. Design, bidding, and construction administration services for a new fire alarm system over campus networked fiber optic cabling at an existing medium security state prison.

**Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL** - Lead Electrical Engineer. Design-build delivery of a women's medium-security Federal Correctional Institution and minimum-security Federal Prison Camp.

**Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS** - Electrical Engineer. Design services for design/build delivery of a medium-security main complex and minimum-security prison camp, on track for LEED Silver.

**Northpoint Training Center Replacement, Burgin, KY** - Electrical Engineer. Design and construction oversight services for fast-track project with multiple bid packages to rebuild prison facilities (41,646 SF total). Included security system renovation at six existing two-story dormitories, addition/renovation of the central control building, and a campus emergency power generator.

**McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY** - Principal-in-Charge. Design-build of a new prison complex housing 1,080 inmates in max security / segregation unit, and 128 inmates in min security camp.

**Canaan U.S. Penitentiary and Satellite Camp, Canaan, PA** - Electrical Engineer. Design / build delivery of Federal maximum security prison complex.

**Blackburn Correctional Complex, Chapel and Chapel Addition, Lexington, KY** - Project management and electrical engineering design services.

**Atwood Camp (Women's Minimum-Security Prison), Federal Medical Center, Lexington, KY** - Design of switchgear room, low voltage power distribution switchgear / utility entrance, & backfeeding existing building loads, as well as feeding new facilities in renovated building that houses 300 female inmates.

**MERIT AWARD - DESIGN-BUILD INSTITUTE OF AMERICA**

**MARVIN M. BLACK PARTNERING AWARD - ASSOCIATED GENERAL CONTRACTORS OF AMERICA**

**ENGINEERING EXCELLENCE HONOR AWARD - AMERICAN COUNCIL OF ENGINEERING COMPANIES OF KENTUCKY**





## Harvey Helm, PE, PLS LEED AP, GRW Civil/Site Engineer



### Qualifications and Similar Project Experience

Harvey's vast experience encompasses land surveying, site development and site utilities inventory, planning and design. He has been the Project Civil Engineer for five major correctional facility site development projects. Summaries of for those and other relevant projects are provided here.

**Years of Experience:** 42  
**Years with GRW:** 24

#### Education

B.S., Civil Engineering,  
University of Kentucky

#### Registration

Professional Engineer:  
KY, KS, TN, IN, OH, MS,  
GA, NC, MI, AL, AR, WV,  
NY

LEED Accredited  
Professional, Building  
Design + Construction

Professional Land  
Surveyor: KY

Certified Professional in  
Erosion and Sediment  
Control

#### Professional Affiliations

National Society of  
Professional Engineers

Kentucky Society of  
Professional Engineers

Soil and Water  
Conservation Society

**Roederer Correctional Complex Security Upgrades, LaGrange, KY** - Civil Engineer. New security perimeter around Unit 5 Building which houses 225 occupants. Improvements included: approximately 1,450 LF of perimeter fencing, gravel perimeter drive, vehicular sally port, exterior security lighting and cameras, and routing existing overhead power underground at fencing.

**Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS** - Lead Civil Engineer. Design services for design/build delivery of a medium-security main complex and minimum-security prison camp, on track for LEED Silver, with a gross building area of 780,000 SF and housing approximately 1,200 inmates.

**Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL** - Civil Engineer. Design-build delivery of a women's medium-security Federal Correctional Institution and minimum-security Federal Prison Camp.

**Blue Grass Army Depot Main Entry Control Facility Revisions, Richmond, KY** - Project Manager. Design and construction administration services for design-build project at main entry control facility (ECF).

**U.S. Federal Courthouse Renovation, Lexington, KY** - Project Engineer. Design-build improvements include upgraded security electronics, site blast protection, and circulation/control enhancements.

**McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY** - Lead Civil Engineer. Design-build of a new prison complex on a 430-acre site housing 1,080 inmates in maximum-security general population and segregation unit, and 128 inmates in a minimum-security satellite camp.

**Eastern Kentucky Correctional Complex, Phase I & II, West Liberty, KY** - Civil Engineer. Engineering design, architectural design support and construction administration for 565,236 SF state correctional facility on an abandoned underground coalmine site of 225 acres, designed in two phases. Civil challenges included extensive erosion control, embankments, and stabilization of the coalmine.

**Indiana ANG 122nd Fighter Wing Security Forces Operations and Training Facility, Fort Wayne, IN** - Civil Engineer. Includes open office area for the base security forces, classrooms, workout room, locker room, weapons simulator room and weapons storage areas.



STATE ROAD COMMISSION ,  
HISTORIC BUILDING RENOVATIONS  
CHARLESTON, WV



## Mike Johnson

### GRW Civil/Site Engineer



#### Qualifications and Similar Project Experience

Mike's overall experience includes comprehensive infrastructure systems design, bidding, and construction administration/management for projects throughout West Virginia, Virginia, and North Carolina. Site stormwater experience includes drainage basin hydraulic analysis, stormwater collection, and detention and BMP system design.

**Years of Experience:** 12  
**Years with GRW:** 7

#### Education

B.S., Civil Engineering,  
West Virginia Institute of  
Technology

#### Registration

Professional Engineer:  
WV, NC, VA

**State Road Commission: Historic Building Renovations (40,000 SF),  
Charleston, WV – Civil Engineer**

**Tiskelwah Senior Center, Charleston, WV – Civil Engineer**

**Elks Land Multifamily Residential Development, Bluefield, WV – Civil Engineer**

**Leatherwood Subdivision, Bluefield, VA – Civil Engineer**

**Scott Street Permeable Paving, Bluefield, WV – Civil Engineer**

**St. Albans Water Treatment Plant: Building Restoration, St. Albans, WV – Civil  
Engineer**

**Utility Trailer Manufacturing: S24 Building, Atkins, VA – Civil Engineer**

**Hometown Service Center, Bluefield, VA – Civil Engineer**

**Grants Market, Bluefield, WV – Civil Engineer**

**Fresenius Dialysis Center, Bluefield, WV – Civil Engineer**

**Canterbury Court Townhomes, Bluefield, VA – Civil Engineer**

**Camelback Estates, Tazewell County, VA – Civil Engineer**

**Camelot Court Townhomes, Bluefield, VA – Civil Engineer**



Mr. Saylor played a key role on this correctional facility project in Yazoo City, Mississippi. The facility earned LEED Gold certification with the U.S. Green Building Council.



YAZOO CITY U.S. PENITENTIARY  
AND SATELLITE CAMP  
YAZOO CITY, MS



## Roderick Saylor, PE

### GRW Civil Engineer



#### **Qualifications and Similar Project Experience**

Roderick's experience includes roadway, drainage and site development planning and design. He has also worked on several master planning and design projects under GRW's Indefinite Delivery Contract with the National Guard Bureau including assignments for both the Air National Guard and the Army National Guard.

**Years of Experience:** 9  
**Years with GRW:** 9

#### **Education**

B.S., Civil Engineering,  
University of Kentucky

#### **Registration**

Professional Engineer: KY

**Roederer Correctional Complex Security Upgrades, LaGrange, KY** - Civil Engineer. New security perimeter around Unit 5 Building which houses 225 occupants. Improvements included: approximately 1,450 LF of perimeter fencing, gravel perimeter drive, vehicular sally port, exterior security lighting and cameras, and routing existing overhead power underground at fencing.

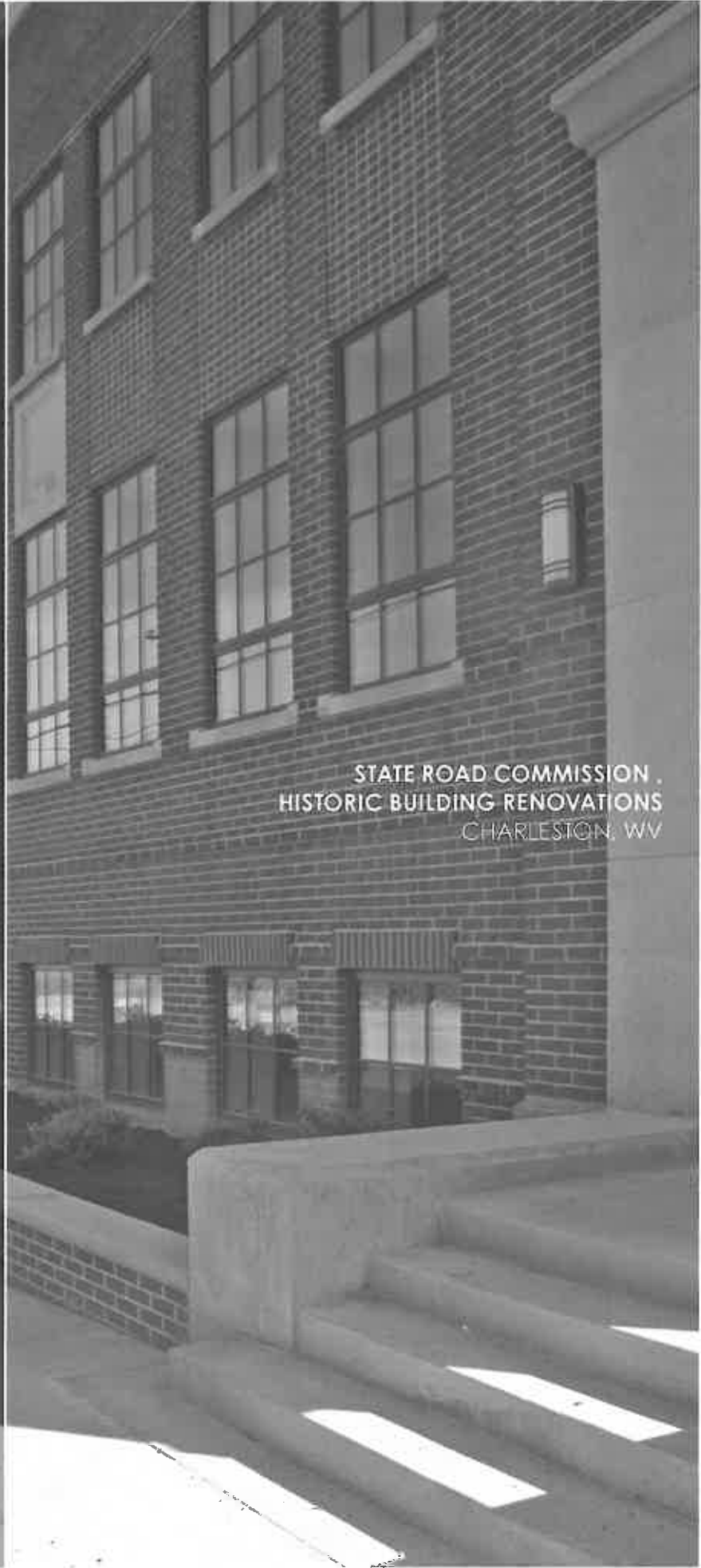
**Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL** - Civil Engineer. Design-build delivery of a LEED Silver women's medium-security Federal Correctional Institution (70-acre site) and minimum-security Federal Prison Camp (20-acre site) totaling 665,889 SF, housing approximately 1,790 inmates. FCI includes three 4-story housing units.

**Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS** - Civil Engineer. Design services for design/build delivery of a medium-security main complex and minimum-security prison camp, on track for LEED Silver certification, with a gross building area of 780,000 SF and housing approximately 1,200 inmates.

**Fort Campbell Fire Fighting and Rescue Training Facility, Fort Campbell, KY** - Project Manager. Engineering design and construction administration services for design-build of U.S. Army firefighting and rescue training facility at Fort Campbell, KY. Included helicopter concrete pad for aircraft fire training; a concrete foundation for multi-story training building; large staging/parking area; and two small infiltration basins.

**Ohio ARNG Joint Armed Forces Reserve Center and Field Maintenance Shop Complex, Springfield, OH** - Civil Engineer. Functional spaces at this LEED Silver Certified 85,865 SF complex serve both Ohio Army National Guard and U.S. Army Reserves. Site work included extension of utilities from adjacent ANG base, grading, drainage and stormwater detention, perimeter fencing and entry point control, parking and access roads, wash platform, AT/FP measures, and geothermal system for heating and cooling.

**Kentucky ANG 123rd Airlift Wing Contingency Response Group Facility, Louisville, KY** - Civil Engineer. Design services for new \$12.2 million 54,300 SF masonry and standing seam roof addition and 3,000 SF of modifications to the Headquarters Building to house personnel and equipment.



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CHARLESTON, WV





## David Hoy, PE GRW Structural Engineer



### Qualifications and Similar Project Experience

David has completed the investigation, analysis, and design of various building structures, including foundation design. In addition to building structures, David also has experience with water/wastewater projects involving the design of below grade concrete structures and elevated structural slabs. He also reviews shop drawings and performs periodic site visits.

**Years of Experience:** 9  
**Years with GRW:** 9

#### Education

B.S., Civil Engineering,  
West Virginia University

#### Registration

Professional Engineer:  
WV, KY

#### Professional Affiliations

American Society of  
Civil Engineers

**Saint Albans Fire/Police Station, Saint Albans, WV** – Structural Engineer

**Mason County Sheriff's Office: Renovation of Old Hardware Building, Pt. Pleasant, WV** – Structural Engineer

**State Road Commission: Historic Building Renovations (40,000 SF), Charleston, WV** – Structural Engineer

**West Virginia ANG 167th Airlift Wing C-17 Composite Material Shop, Martinsburg, WV** - Structural Engineer. Fast-track design of composite material shop to the existing corrosion control hangar required to meet 167AW's change in mission from C-5 to C-17 aircraft.

**West Virginia ANG 167th Airlift Wing C-17 Corrosion Control Hangar Modifications, Martinsburg, WV** - Structural Engineer. Fast-track design of corrosion control hangar modifications required to meet 167AW's change in mission from C-5 to C-17 aircraft.

**West Virginia ANG 167th Airlift Wing C-17 Fuel Cell Hangar Modifications, Martinsburg, WV** - Structural Engineer. Fast-track design of fuel cell hangar modifications required to meet 167AW's change in mission from C-5 to C-17 aircraft.

**West Virginia ANG 167th Airlift Wing C-17 Maintenance Hangar Modifications, Martinsburg, WV** – Structural Engineer. Fast-track design of maintenance hangar modifications required to meet 167AW's change in mission from C-5 to C-17 aircraft.

**Coal Heritage Trail Authority: Historic Building Restoration/Renovation, Mt. Hope, WV** – Structural Engineer

**Canaan Valley State Park: Ski Area Improvements, Tube Park/Lodge, Canaan Valley, WV** – Structural Engineer

**WV DOH Rest Areas and Welcome Centers: New Construction, Various locations throughout WV** – Structural Engineer

## 5.0 Past Performance and References



GRW understands that professional consulting begins as a relationship built on trust. We fully understand the importance of gaining your respect, proving our worth, and being there long after your successful project is completed.

Because we also believe performance is best measured from the client's perspective, the amount of repeat business it receives from existing clients can be one of the best indicators of a company's performance. With repeat clients providing more than 90 percent of GRW's current workload, we believe this is a testament to our business philosophy of providing close, personal, high quality service. We invite you to contact our references to verify GRW's performance.

Also, on the following pages you will find customer satisfaction surveys for several correctional projects, as well as a few letters of recommendation.

### **Federal Bureau of Prisons**

Design and Construction Branch 500  
First St. NW | Washington, DC

Mitch Miskimins, Deputy Chief  
(202) 514-9582  
mmiskimins@bop.gov

### **West Virginia Air National Guard**

130th Airlift Wing  
1679 Coonskin Dr. | Charleston, WV

Capt. Harry Netzer, Deputy BCE  
(304) 341-6649  
Harry.Netzer@ang.af.mil

167<sup>th</sup> Airlift Wing CES  
222 Sabre Jet Blvd. | Martinsburg, WV

Maj. Emerson C. Slack, Deputy BCE  
(304) 616-5233  
Emerson.C.Slack.mil@mail.mil

### **Betsy Dullin, JD, MS**

Former Dean, Marshall University  
College of Engineering  
(804) 285-7000  
bdullin@coateslaw.com

### **West Virginia Division of Corrections**

1409 Greenbrier St. | Charleston, WV

Philip Farley, II, Director of Engineering  
and Construction  
(304) 558-2036  
Phillip.K.Farley@wv.gov

### **Commonwealth of Kentucky Facilities and Support Services**

Division of Engineering & Contract  
Administration | Frankfort, KY

David Guffey, Project Manager  
502-564-3155  
david.guffey@ky.gov

Keith Bohart, Project Manager  
(502) 564-3155  
keith.bohart@ky.gov

## Customer Satisfaction Survey

[Design Survey](#) [Collect Responses](#) [Analyze Results](#)

Need to use the Classic Analyze tool? [Switch back](#)

**CURRENT VIEW**

[FILTER](#) [COMPARE](#) [SHOW](#)

**No Rules Applied**  
Rules allow you to **FILTER**, **COMPARE** and **SHOW** results to one, several and patterns. [Learn more](#)

**SAVED VIEWS (1)**

**Original View** (No rules applied)

[New View](#)

[EXPORT](#)

**INCLUDES: 6 of 6 respondents** [Export All](#)

[Question Summaries](#) **Individual Responses**

Respondent #6 [←](#) [→](#)

#6



**COMPLETE**

**Collector:** Web Link (Web Link)  
**Started:** Friday, March 22, 2013 11:07:23 AM  
**Last Modified:** Friday, March 22, 2013 11:08:04 AM  
**Time Spent:** 00:00:41  
**IP Address:** 148.101.37.2

[Edit](#) [Delete](#)

[Get Size](#)

PAGE 1

**Q1: Project Name**

Aliceville FCL

[Feedback](#)

**Q2: Please rate your level of satisfaction for the following services:**

<b>Overall Quality of Service</b>	Exceptional
<b>Level of Cooperativeness and Responsiveness</b>	Exceptional
<b>Management and Adherence to Project Schedule</b>	Exceptional
<b>Management and Adherence to Project Budget</b>	Exceptional
<b>Use of Innovative Approaches/Technologies</b>	Exceptional
<b>Quality of Plans/Specs (accuracy and detail level)</b>	Exceptional



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**Customer Satisfaction Survey**

[Design Survey](#) [Collect Responses](#) [Analyze Results](#)

Need to use the classic Analyze tool? [Switch back](#)

**Current View**

+ [Filter](#) + [Compare](#) + [Show](#)

- [Filter by Question and Answer](#) >
- [Filter by Collector](#) >
- [Filter by Completeness](#) >
- [Filter by Time Period](#) >
- [Filter by Respondent Metadata](#) >
- [Cancel](#)

**FILTER BY QUESTION AND ANSWER**

Choose...

OR

[Cancel](#)

[Back](#)

[Back](#)

**COMPARE BY QUESTION AND ANSWER**

Choose...

OR

[Cancel](#)

[Back](#)

**No Rules Applied**

Rules allow you to **FILTER**, **COMPARE** and **SHOW** results to see trends and patterns. [Learn more](#)

**Saved Views (1)**

Original View (No rules applied)

**Exports**

**PRO FEATURE**

Export your survey data in .XLS, .CSV, and .PDF format. (More formats available soon.)

[Upgrade](#) [Learn more](#)

INCLUDES: 7 of 7 respondents

[Export All](#)

[Question Summaries](#) [Individual Responses](#)

Respondent #7



**COMPLETE**

Collector: Web Link (Web Link)  
 Started: Friday, March 22, 2013 3:19:23 PM  
 Last Modified: Friday, March 22, 2013 3:48:50 PM  
 Time Spent: 00:27:27  
 IP Address: 78.184.240.184

[Edit](#) [Delete](#)

**PAGE 1**

**Q1: Project Name**

Harlan County Detention Center

**Q2: Please rate your level of satisfaction for the following services:**

<b>Overall Quality of Service</b>	Very Good
<b>Quality of Plans/Specs (accuracy and detail level)</b>	Exceptional
<b>Level of Cooperativeness and Responsiveness</b>	Exceptional
<b>Management and Adherence to Project Schedule</b>	Exceptional
<b>Management and Adherence to Project Budget</b>	Very Good
<b>Use of Innovative Approaches/Technologies</b>	Exceptional
<b>Additional comments</b>	Responds to questions in a timely manner.

### Customer Satisfaction Survey

Design Survey | Collect Responses | Analyze Results

Need to use the classic Analyze tool? [Switch back](#)

**CURRENT VIEW**

FILTER | COMPARE | SHOW

**No Rules Applied**  
Rules allow you to FILTER, COMPARE and SHOW results in new trends and tables. [Learn more](#)

**SAVED VIEWS (1)**

Original View (no rules applied)

EXPORTS

INCLUDES: 7 of 7 respondents [Export All](#)

Question Summaries | **Individual Responses**

Respondent #7

#7

COMPLETE

Edit | Delete



Collector: Web Link (Web Link)  
Started: Monday, March 25, 2013 8:38:49 AM  
Last Modified: Monday, March 25, 2013 8:39:46 AM  
Time Spent: 00:00:57  
IP Address: 149.101.37.2

Get Started

PAGE 1

Q1: Project Name

USP McCreary, KY

Feedback

Q2: Please rate your level of satisfaction for the following services:

Overall Quality of Service	Exceptional
Quality of Plans/Specs (accuracy and detail level)	Very Good
Management and Adherence to Project Schedule	Very Good
Level of Cooperativeness and Responsiveness	Exceptional
Use of Innovative Approaches/Technologies	Very Good
Management and Adherence to Project Budget	Very Good



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+ Create Survey

### Customer Satisfaction Survey

Design Survey | Collect Responses | **Analyze Results**

Need to use the classic Analyze tool? Switch back

#### Current View

+ Filter + Compare + Show

- Filter by Question and Answer
- Filter by Collector
- Filter by Completeness
- Filter by Time Period
- Filter by Respondent Metadata

Cancel

#### FILTER BY QUESTION AND ANSWER

Choose...

OR

Q

Cancel

< Back

< Back

#### COMPARE BY QUESTION AND ANSWER

Choose...

OR

Q

Cancel

< Back

### No Rules Applied

Rules allow you to FILTER, COMPARE and SHOW results to see trends and patterns. [Learn more >](#)

#### Saved Views (1)

?

Original View (No rules applied)

#### Exports

?

##### PRO FEATURE

Export your survey data in .XLS, .CSV, and .PDF format. (More formats available soon.)

[Upgrade](#) [Learn more >](#)

INCLUDES: 7 of 7 respondents

Export All

Question Summaries | Individual Responses

Respondent #5

#5 **COMPLETE**

Edit | Delete



Collector: Web Link (Web Link)  
Started: Thursday, March 21, 2013 3:02:24 PM  
Last Modified: Thursday, March 21, 2013 3:13:15 PM  
Time Spent: 00:10:51  
IP Address: 205.204.248.73

#### PAGE 1

Q1: Project Name

Rebuild from Fire Northpoint Training Facility Danville, Ky.

Q2: Please rate your level of satisfaction for the following services:

Level of Cooperativeness and Responsiveness: Very Good

Management and Adherence to Project Schedule: Very Good

Management and Adherence to Project Budget: Exceptional

Use of Innovative Approaches/Technologies: Very Good

Overall Quality of Service: Very Good

Quality of Plans/Specs (accuracy and detail level): Very Good

Additional comments

This was a medium security state prison project that was rebuilt from a fire which destroyed everything except the domes, which were separate buildings. The original facility dated from the 1940's, the new project is LEED certified.



DIVISION OF  
ENGINEERING  
CONTRACTING & ADM  
TELECOMMUNICATIONS  
PHYSICAL PLANT  
REAL PROPERTIES

COMMONWEALTH OF KENTUCKY  
FINANCE AND ADMINISTRATION CABINET  
DEPARTMENT FOR FACILITIES MANAGEMENT  
NEW CAPITOL ANNEX  
FRANKFORT, KENTUCKY 40601

TONY MILLER  
COMMISSIONER

DANNY L. SHEARER  
DEPUTY COMMISSIONER

February 5, 1987

DMJM/GRW Engineers  
Mr. Charles Silverman, AIA, Project Director  
Daniel, Mann, Johnson & Mendenhall  
170 Maiden Lane, Suite 500  
San Francisco, California 94108

✓ Mr. Lyle F. Wolf, P.E., Principal-in-Charge  
GRW Engineers, Inc.  
801 Corporate Drive  
Lexington, Kentucky 40503

Re: Professional Services  
New Correctional Facility  
Morgan County, Kentucky

Gentlemen:

The plans and specifications have been completed for the new Kentucky Correctional Facility to be constructed in Morgan County. The prime general contract for the 500 man facility has been awarded and construction is expected to start this month. The site was prepared this past summer.

The professional services provided by your firm in concert with GRW of Lexington has been of the highest quality. Commencing in June of 1985 with the programming and continuously through the entire design process the four major objectives of comprehensive programming, planning, budget control, and final design have been accomplished. DMJM-GRW has developed and maintained a nucleus of key senior staff and expert specialist consultants working in close and effective liaison with the Corrections Cabinet and Department of Facilities Management, Division of Engineering, Communications and project management has been excellent and while any project has its own unique and sometimes difficult problems and time gaps this project under DMJM/GRW's unified project control kept misunderstanding and delays to the minimum. We are very pleased with the design process and looking forward to the successful construction ahead.

The Cabinet for Corrections fully expects the project to be extended to the full 1000 man capacity by the next capital construction budget. We commend DMJM/GRW for the high professional attention and services brought to this project and look forward to continuing this working relationship for the remainder of the project.

Very truly yours,

Raymond B. Hayes, Jr., AIA  
Associate Director for Architecture  
Division of Engineering

RBH/nic

cc: Mr. R. Clark Beauchamp  
Mr. Ron Gilkeyson  
Mr. Peter Krasnow



**DEPARTMENT OF THE AIR FORCE  
130<sup>th</sup> CIVIL ENGINEER SQUADRON (AMC)  
1679 COONSKIN DRIVE  
CHARLESTON, WV 25311-5005**

30 September 2008

**MEMORANDUM FOR Mr. Pete Johnson, Director-Military Programs, GRW Inc.**

**FROM: BCE**

**SUBJECT: Letter of Commendation**

1. I would like to commend you and your company for all of the excellent engineering services that they have rendered the 130<sup>th</sup> Airlift Wing. From the Communications Building to the Master Plan, GRW has shown many of the traits that we look for in an Architectural/Engineering Firm. They have shown their patients with our never ending changes and have each time rose to the occasion and offered us outstanding solutions. They offer their engineering and personal expertise ensuring successful completion on each project. They have shown their commitment to our unit by always going above and beyond our expectation.
2. GRW and its employees should be proud of the professional services that they have given to our unit and the nation; I know that I am extremely proud to have had them on our projects. I look forward to working with you and your team in the future.

  
JOHN W. DULIN, LtCol, WVANG  
Base Civil Engineer



## WV ARNG Camp Dawson Live Fire Shoot House (2-phase project)

NAVFAC/USACE PAST PERFORMANCE QUESTIONNAIRE (Form PPO-0)	
<b>CONTRACT INFORMATION (Contractor to complete Blocks 1-4)</b>	
<b>1. Contractor Information</b>	
Firm Name: GRW	CAGE Code: 5T072
Address: 801 Corporate Drive, Lexington, KY	DUNs Number: 051833994
Phone Number: 859-223-3999	
Email Address: info@grwinc.com	
Point of Contact: Dale Adams, AIA	Contact Phone Number: 859-223-3999, ext 244
<b>2. Work Performed as:</b> <input type="checkbox"/> Prime Contractor <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input checked="" type="checkbox"/> Other (Explain)	
Percent of project work performed: Prime design firm for A/E services and construction administration	
If subcontractor, who was the prime (Name/Phone #):	
<b>3. Contract Information</b>	
Contract Number: W9133L-05-D-0005	
Delivery/Task Order Number (if applicable): ZR05	
Contract Type: <input type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (Please specify): Task order under ID/IQ	
Contract Title: WV ARNG Camp Dawson Live Fire Shoot House (2-phase project)	
Contract Location: Kingwood, WV	
Award Date (mm/dd/yy): 05/01/2009	
Contract Completion Date (mm/dd/yy): 02/01/2011	
Actual Completion Date (mm/dd/yy): 07/01/2012	
Explain Differences: Funding appropriation for Phase 2 construction	
Original Contract Price (Award Amount): \$2,000,000	
Final Contract Price (to include all modifications, if applicable): \$2,056,623	
Explain Differences: Owner-requested change orders.	
<b>4. Project Description:</b>	
Complexity of Work <input type="checkbox"/> High <input type="checkbox"/> Med <input checked="" type="checkbox"/> Routine	
How is this project relevant to project of submission? (Please provide details such as similar equipment, requirements, conditions, etc.) Design and construction of a 4,720 SF complex (live fire shoot house, operations/storage facility, after action review facility and ammunition breakdown facility). Involved rehabilitation of an old warehouse to house range facilities; challenges involved intraline distances, inhabited building distances and SDZs. Renovation of parking area and site utilities included. Specialized design requirements for training ranges (TC 25-8 Training Ranges, CEHNC 1110-1-23 Design Guide, DA PAM 385-63 DA Guidance on Range Safety, etc.)	
<b>CLIENT INFORMATION (Client to complete Blocks 5-8)</b>	
<b>5. Client Information</b>	
Name: COL William SUEVER, West Virginia National Guard	
Title: Camp Dawson Commander	
Phone Number: 304 791 4457	
Email Address: bill.suever@us.army.mil	
<b>6. Describe the client's role in the project:</b>	
over all in charge	
<b>7. Date Questionnaire was completed (mm/dd/yy):</b> 01/25/13	

8. Client's Signature:

*William A. Swartz*

NOTE: NAVFAC/USACE REQUESTS THAT THE CLIENT COMPLETES THIS QUESTIONNAIRE AND SUBMITS DIRECTLY BACK TO THE OFFEROR. THE OFFEROR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO USACE WITH THEIR PROPOSAL, AND MAY DUPLICATE THIS QUESTIONNAIRE FOR FUTURE SUBMISSION ON USACE SOLICITATIONS. CLIENTS ARE HIGHLY ENCOURAGED TO SUBMIT QUESTIONNAIRES DIRECTLY TO THE OFFEROR. HOWEVER, QUESTIONNAIRES MAY BE SUBMITTED DIRECTLY TO USACE. PLEASE CONTACT THE OFFEROR FOR USACE POC INFORMATION. THE GOVERNMENT RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

**ADJECTIVE RATINGS AND DEFINITIONS TO BE USED TO BEST REFLECT  
YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE**

RATING	DEFINITION	NOTE
<b>(E) Exceptional</b>	Performance meets contractual requirements and exceeds many to the Government/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor was highly effective.	An Exceptional rating is appropriate when the Contractor successfully performed multiple significant events that were of benefit to the Government/Owner. A singular benefit, however, could be of such magnitude that it alone constitutes an Exceptional rating. Also, there should have been NO significant weaknesses identified.
<b>(VG) Very Good</b>	Performance meets contractual requirements and exceeds some to the Government's/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective.	A Very Good rating is appropriate when the Contractor successfully performed a significant event that was a benefit to the Government/Owner. There should have been no significant weaknesses identified.
<b>(S) Satisfactory</b>	Performance meets minimum contractual requirements. The contractual performance of the element or sub-element contains some minor problems for which corrective actions taken by the contractor appear or were satisfactory.	A Satisfactory rating is appropriate when there were only minor problems, or major problems that the contractor recovered from without impact to the contract. There should have been NO significant weaknesses identified. Per DOD policy, a fundamental principle of assigning ratings is that contractors will not be assessed a rating lower than Satisfactory solely for not performing beyond the requirements of the contract.
<b>(M) Marginal</b>	Performance does not meet some contractual requirements. The contractual performance of the element or sub-element being assessed reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor's proposed actions appear only marginally effective or were not fully implemented.	A Marginal is appropriate when a significant event occurred that the contractor had trouble overcoming which impacted the Government/Owner.

<b>(U) Unsatisfactory</b>	Performance does not meet most contractual requirements and recovery is not likely in a timely manner. The contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.	An Unsatisfactory rating is appropriate when multiple significant events occurred that the contractor had trouble overcoming and which impacted the Government/Owner. A singular problem, however, could be of such serious magnitude that it alone constitutes an unsatisfactory rating.
<b>(N) Not Applicable</b>	No information or did not apply to your contract	Rating will be neither positive nor negative.

**TO BE COMPLETED BY CLIENT**

**PLEASE CIRCLE THE ADJECTIVE RATING WHICH BEST REFLECTS  
YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE.**

<b>1. QUALITY:</b>	
a) Quality of technical data/report preparation efforts	<input checked="" type="radio"/> B VG S M U N
b) Ability to meet quality standards specified for technical performance	<input checked="" type="radio"/> E VG S M U N
c) Timeliness/effectiveness of contract problem resolution without extensive customer guidance	E <input checked="" type="radio"/> VG S M U N
d) Adequacy/effectiveness of quality control program and adherence to contract quality assurance requirements (without adverse effect on performance)	<input checked="" type="radio"/> E VG S M U N
<b>2. SCHEDULE/TIMELINESS OF PERFORMANCE:</b>	
a) Compliance with contract delivery/completion schedules including any significant intermediate milestones. (If liquidated damages were assessed or the schedule was not met, please address below)	<input checked="" type="radio"/> E VG S M U N
b) Rate the contractor's use of available resources to accomplish tasks identified in the contract	<input checked="" type="radio"/> E VG S M U N
<b>3. CUSTOMER SATISFACTION:</b>	
a) To what extent were the end users satisfied with the project?	<input checked="" type="radio"/> E VG S M U N
b) Contractor was reasonable and cooperative in dealing with your staff (including the ability to successfully resolve disagreements/disputes; responsiveness to administrative reports, businesslike and communication)	<input checked="" type="radio"/> E VG S M U N
c) To what extent was the contractor cooperative, businesslike, and concerned with the interests of the customer?	<input checked="" type="radio"/> E VG S M U N
d) Overall customer satisfaction	<input checked="" type="radio"/> E VG S M U N
<b>4. MANAGEMENT/ PERSONNEL/LABOR</b>	
a) Effectiveness of on-site management, including management of subcontractors, suppliers, materials, and/or labor force?	E <input checked="" type="radio"/> VG S M U N
b) Ability to hire, apply, and retain a qualified workforce to this effort	<input checked="" type="radio"/> E VG S M U N
c) Government Property Control	<input checked="" type="radio"/> E VG S M U N
d) Knowledge/expertise demonstrated by contractor personnel	<input checked="" type="radio"/> E VG S M U N
e) Utilization of Small Business concerns	E <input checked="" type="radio"/> VG S M U N
f) Ability to simultaneously manage multiple projects with multiple disciplines	<input checked="" type="radio"/> E VG S M U N
g) Ability to assimilate and incorporate changes in requirements and/or priority, including planning, execution and response to Government changes	<input checked="" type="radio"/> E VG S M U N
h) Effectiveness of overall management (including ability to effectively lead, manage and control the program)	<input checked="" type="radio"/> E VG S M U N
<b>5. COST/FINANCIAL MANAGEMENT</b>	
a) Ability to meet the terms and conditions within the contractually agreed	<input checked="" type="radio"/> E VG S M U N

price(s)?	
b) Contractor proposed innovative alternative methods/processes that reduced cost, improved maintainability or other factors that benefited the client	<input checked="" type="radio"/> E VG S M U N
c) If this is/was a Government cost type contract, please rate the Contractor's timeliness and accuracy in submitting monthly invoices with appropriate back-up documentation, monthly status reports/budget variance reports, compliance with established budgets and avoidance of significant and/or unexplained variances (under runs or overruns)	<input checked="" type="radio"/> E VG S M U N
d) Is the Contractor's accounting system adequate for management and tracking of costs? <i>If no, please explain in Remarks section.</i>	<input checked="" type="radio"/> Yes No
e) If this is/was a Government contract, has/was this contract been partially or completely terminated for default or convenience or are there any pending terminations? <i>Indicate if show cause or cure notices were issued, or any default action in comment section below.</i>	Yes <input checked="" type="radio"/> No
f) Have there been any indications that the contractor has had any financial problems? <i>If yes, please explain below.</i>	Yes <input checked="" type="radio"/> No
<b>6. SAFETY/SECURITY</b>	
a) To what extent was the contractor able to maintain an environment of safety, adhere to its approved safety plan, and respond to safety issues? (Includes: following the users rules, regulations, and requirements regarding housekeeping, safety, correction of noted deficiencies, etc.)	E <input checked="" type="radio"/> VG S M U N
b) Contractor complied with all security requirements for the project and personnel security requirements.	E <input checked="" type="radio"/> VG S M U N
<b>7. GENERAL</b>	
a) Ability to successfully respond to emergency and/or surge situations (including notifying COR, PM or Contracting Officer in a timely manner regarding urgent contractual issues).	<input checked="" type="radio"/> E VG S M U N
b) Compliance with contractual terms/provisions ( <i>explain if specific issues</i> )	<input checked="" type="radio"/> E VG S M U N
c) Would you hire or work with this firm again? ( <i>If no, please explain below</i> )	<input checked="" type="radio"/> Yes No
d) In summary, provide an overall rating for the work performed by this contractor.	<input checked="" type="radio"/> E VG S M U N

Please provide responses to the questions above (*if applicable*) and/or additional remarks. Furthermore, please provide a brief narrative addressing specific strengths, weaknesses, deficiencies, or other comments which may assist our office in evaluating performance risk (*please attach additional pages if necessary*):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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

State of West Virginia  
 Centralized Expression of Interest  
 02 – Architect/Engr

Proc Folder: 163743

Doc Description: CEOI- A&E Services-Robert Shell-Security Enhancements

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2016-01-05	2016-02-11 13:30:00	CEOI 0621 DJS1600000001	1

**BID RECEIVING LOCATION**

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

**VENDOR**

Vendor Name, Address and Telephone Number:

GRW  
 909 Sixth Avenue  
 Albans, WV 25177  
 (304) 727-5501

**FOR INFORMATION CONTACT THE BUYER**

Crystal Rink  
 (304) 558-2402  
 crystal.g.rink@wv.gov

Signature X

FEIN # 61-0665036

DATE 2/9/2016

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

Joe Bird, ASLA, Vice President

**ADDITIONAL INFORMATION:**

THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF JUVENILE SERVICES, IS SOLICITING RESPONSES FOR AN EXPRESSION OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR SECURITY ENHANCEMENTS FOR ROBERT SHELL JUVENILE CENTER PER THE ATTACHED.

BILL TO		SHIP TO	
ACCOUNTS PAYABLE JUVENILE SERVICES DIVISION OF 1200 QUARRIER ST  CHARLESTON WV25301  US		AUTHORIZED RECEIVER ROBERT L SHELL JUVENILE CENTER 2 O HANLON PL  BARBOURSVILLE WV 25504  US	

Line	Comm Ln Desc	Qty	Unit Issue
1	A&E Services for security enhancements at Robert Shell JC		

Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

A&E Services for security enhancements at Robert Shell Juvenile Center.To enhance the physical security at the Robert Shell Juvenile Center by adding security cell doors, locks, sally ports and fencing upgrades.

**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	VENDOR QUESTION DEADLINE	01/22/15 4:04PM EST

<b>DJS160000001</b>	<b>Document Phase</b> Final	<b>Document Description</b> CEOI- A&E Services-Robert Shell-Security Enhancements	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



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: GRW

Authorized Signature: *Ken D. Silburn* Date: 2/9/2016

State of Ky

County of Shelby, to-wit:

Taken, subscribed, and sworn to before me this 9 day of February, 2016.

My Commission expires July 6, 2018.

**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; 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.

GRW

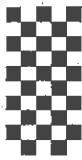
(Company)

 Joe Bird, ASLA, Vice President

(Authorized Signature) (Representative Name, Title)

P: (304) 727-5501; F: (304) 727-5580 2/9/2016

(Phone Number) (Fax Number) (Date)



**GRW | engineering | architecture | geospatial**  
801 Corporate Drive | Lexington, KY 40503  
T: 859.223.3999 | F: 859.223.8917 | www.grwinc.com

# Fax

No. of pages: 7 *including cover sheet*

Date: February 11, 2016

To: Tara Lyle or Crystal Rink

Time: 1:40 p.m.

Company: GRW

By: Karri Sandino

Fax no.: 304-558-3970

From: Karri Sandino, ext. 377 on behalf of Joe Bird (GRW's St. Alban's office)

Subject: WV EOI Robert Shell Security Enhancements

02/11/16 13:54:03  
WJ Purchasing Division

Project no.: Solicitation #DJS1600000001

**Message:** Attached are the completed pages of your CEOI Form cover and Attachment A, Addendum Acknowledgement Form. We appreciate your attaching this acknowledgement to our submission package, dated February 11, 2016

If you need further information – or have trouble with this fax and/or have not received all the pages – please call or email me at [ksandino@grwinc.com](mailto:ksandino@grwinc.com) ; 859-223-3999, ext. 377.

**Thank you.**

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	Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130	State of West Virginia Centralized Expression of Interest 02 -- Architect/Engr
	Proc Folder: 163743 Doc Description: Addendum 1 CEOI A&E Serv. Robert Shell Security Enhancement Proc Type: Central Purchase Order	

Date Issued	Solicitation Closes	Solicitation No	Version
2016-02-10	2016-02-17 13:30:00	CEOI 0821 DJS1600000001	2

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

Vendor Name, Address and Telephone Number:  
 GRW  
 200 Sixth Avenue  
 St. Albans, WV 25177  
 (304) 727-5501

**FOR INFORMATION CONTACT THE BUYER**  
 Crystal Rink  
 (304) 558-2402  
 crystal.g.rink@wv.gov

Signature X  Joseph E. Bird FEIN # 61-0665036 DATE 2/11/2016

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

THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF JUVENILE SERVICES, IS SOLICITING RESPONSES FOR AN EXPRESSION OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR SECURITY ENHANCEMENTS FOR ROBERT SHELL JUVENILE CENTER PER THE ATTACHED.

ACCOUNTS PAYABLE JUVENILE SERVICES DIVISION OF 1200 QUARRIER ST		AUTHORIZED RECEIVER ROBERT L SHELL JUVENILE CENTER 2 O HANLON PL	
CHARLESTON	WV25301	BARBOURSVILLE	WV 25504
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
1	A&E Services for security enhancements at Robert Shell JC		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

A&E Services for security enhancements at Robert Shell Juvenile Center.To enhance the physical security at the Robert Shell Juvenile Center by adding security cell doors, locks, sally ports and fencing upgrades.

**SCHEDULED EVENTS**

Line	Event	Event Date
1	VENDOR QUESTION DEADLINE	01/22/15 09:48:11 EST

	<b>Document Phase</b>	<b>Document Description</b>	<b>Page 3 of 3</b>
DJS160000001	Draft	Addendum 1 CEOI A&E Serv, Robert Shell Security Enhancement	

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**SOLICITATION NUMBER: CEOI DJS1600000001**  
**Addendum Number: 1**

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The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

**Description of Modification to Solicitation:**

1. To extend the bid opening date to 02/17/2016
2. To allow online responses through Vendor Self Service

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

# ATTACHMENT A

Revised 6/8/2012



**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: DJS160000001**

**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.

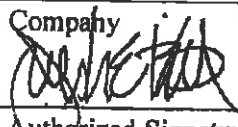
**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**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 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.

GRW  
 \_\_\_\_\_  
 Company  
 Joseph E. Bird   
 \_\_\_\_\_  
 Authorized Signature  
 2/11/2016  
 \_\_\_\_\_  
 Date

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