D5 Forks of Coal Building Renovations

West Virginia Division of Natural Resources

Solicitation Number CEOI 0310 DNR2400000001

Expression of Interest to Provide Professional Architectural/Engineering Design Services

Chapma
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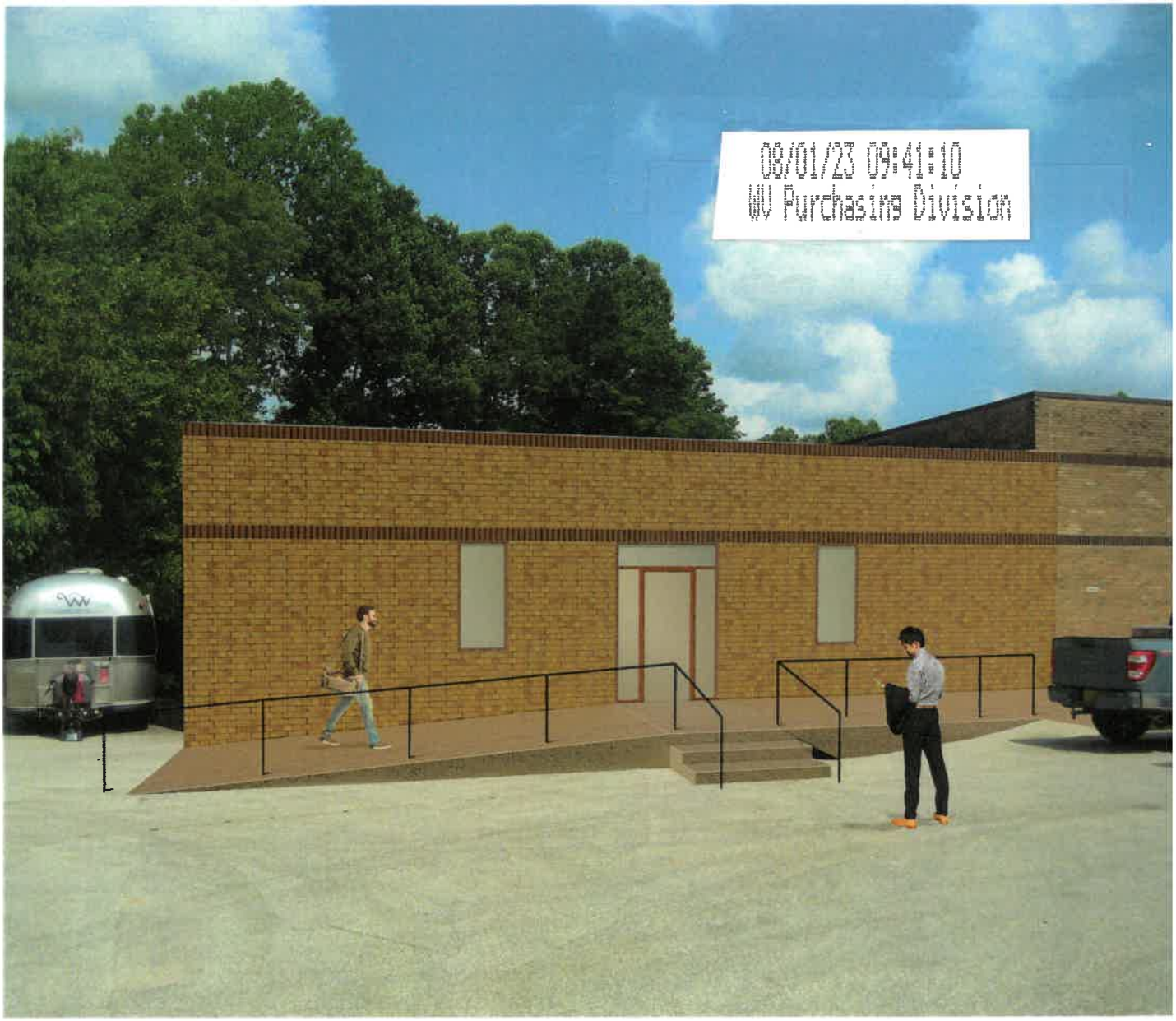
a division
GR



200 Sixth Aven
St. Albans, WV 251

304.727.55
304.727.5580 F

Buckhannon, V
Lexington,

www.chaptech.cc

Chapman Technical Group
a division of GRW

August 1, 2023

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re: A/E Services for D5 Forks of Coal Building Renovations

Dear Selection Committee:

Chapman Technical Group is most interested in providing the architectural and engineering services for renovations to the D5 Forks of Coal Building. Our project team has completed many similar projects throughout West Virginia, not only in the State Parks, but for other state agencies. Our team includes architects, structural engineers, mechanical and electrical engineers, and interior designers. We have visited the existing building and have formulated preliminary concepts which demonstrate our understanding of your needs. We have developed other projects for WVDNR which included specifying furnishings and understand the procurement process for furnishings. Our working relationships with WVDNR personnel ensure that the development of this project will be efficient and effective.

2.1 We will visit all the project sites, grouping them geographically for efficiency, and document existing conditions with sketches and photographs, and formulate solutions for each bathhouse/restroom that will minimize disruption to park patrons.

2.2 Designs will be executed to comply with applicable codes and standards, consistent with DNR needs and objectives and within the DNR budget.

2.3 We will provide construction administration services using the design professionals who designed the project.

You will find all the requested information regarding our firm and within this submittal. We would very much appreciate the opportunity to present our project team and further discuss your project. Meanwhile, if you have any questions or need additional information, please contact me.

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Vice President

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501

Buckhannon, WV
Lexington, KY

www.chaptech.com

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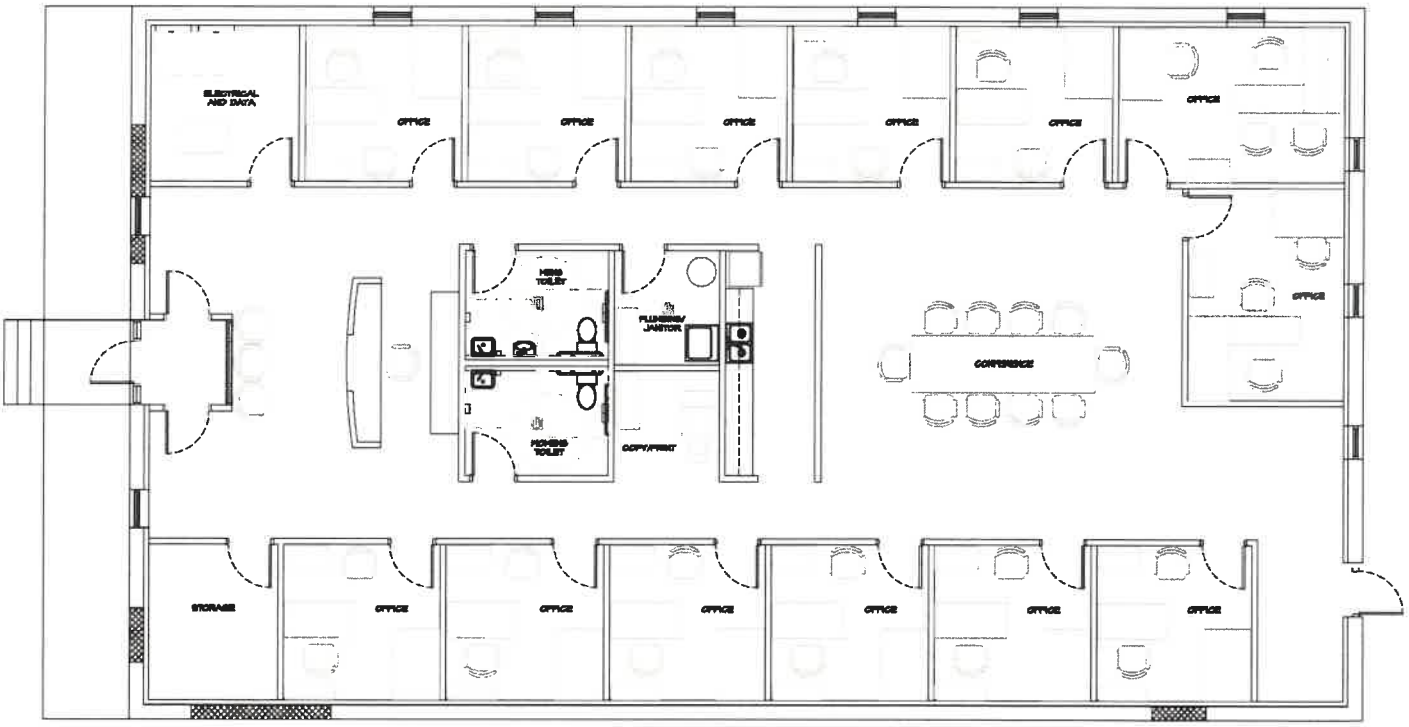
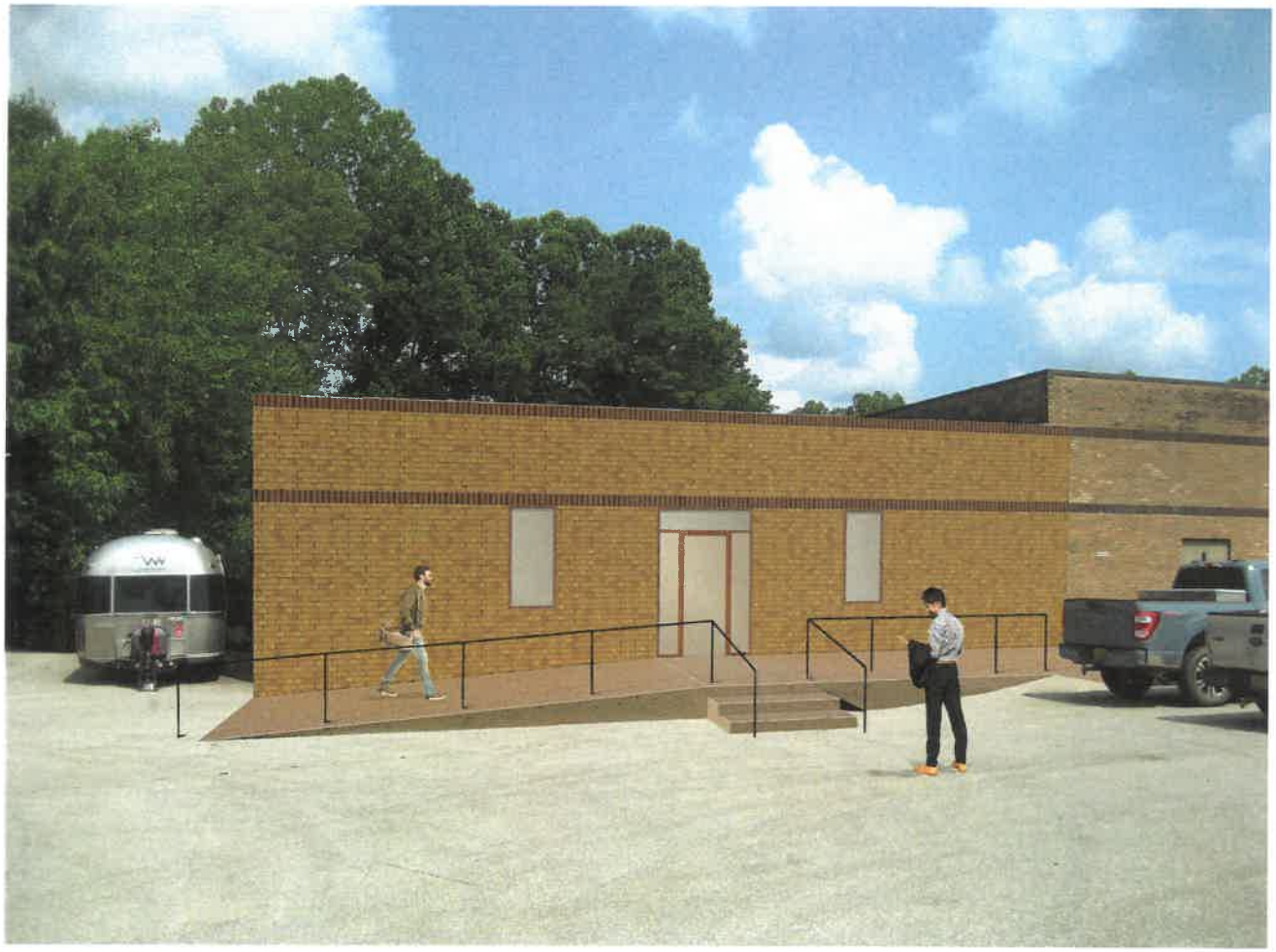
PROJECT APPROACH

Because the space is limited to the existing garage area, options for the office are limited. Using approximate dimensions, we have determined that the space is adequate for thirteen offices, a reception area, a meeting room, and a small kitchenette, as well as some storage and support facilities. The plan below shows a potential layout the would meet the basic needs of the PEM Section, subject to modification based on the specific needs of the Section.



PROJECT APPROACH

We have also given some thought to the exterior appearance of the building. The garage door and man-door at the front of the building would be filled in, and a new main entrance and new windows could be cut into the existing building front. Windows could also be cut in on the left side of the building. The site is sloping and a detailed site plan should be developed, but the sketch shows one possibility for providing access to the building.



COMPANY OVERVIEW & AWARDS

Established in 1984, Chapman Technical Group has steadily grown into a diverse firm of professionals, many of whom were educated in West Virginia colleges and universities. We have achieved an outstanding reputation for developing high-quality projects, while meeting schedules and budgets.

In 2013, Chapman Technical Group was acquired by the Lexington, Kentucky based A/E firm of GRW, allowing us to provide a wider range of services while expanding our resources. Now, in addition to our offices in St. Albans, Buckhannon, and Martinsburg, West Virginia, as part of the GRW family, we also work in Kentucky, Ohio, Tennessee, and Indiana.

Our architectural group not only designs new buildings from the ground up, but also specializes in renovations and historic restoration projects. Our award-winning landscape architects provide master planning, as well as detailed site design for parks and public spaces projects.

In addition to our building studio, our engineering support staff gives us the ability to meet almost any challenge a project may present. All of our mechanical, electrical, plumbing engineering is provided in-house, and our civil engineers work with our landscape architects to provide site designs that are functional while achieving a high level of aesthetics.

Water and sewer system design is accomplished by our environmental engineers, and when on-site wastewater treatment is required, we can do it.

Working with our airport group, we can provide full airport design services, from runway and lighting design, to hangars and terminal buildings.

COMPANY OVERVIEW & AWARDS

SRC Building Renovation
WV AIA Merit Award, 2016
Historic Preservation

I-79 Rest Area
AIA Merit Award, 2010

COMPANY OVERVIEW & AWARDS

COMPANY OVERVIEW & AWARDS

Upper Big Branch Miners Memorial
WV ASLA Honor Award, 2012

Nuttallburg Historic Mining Complex
WV ASLA Merit Award, 2012

ARCHITECTURE

Chapman Technical Group St. Albans Office

200 Sixth Avenue
St. Albans, West Virginia 25177

The project included the design of the renovation of an existing 7,000 square-foot building and an 8,000 square-foot addition. The building, formerly U.S. Post Office, now serves as the main office of Chapman Technical Group. The renovation was completed in accordance with the U.S. Department of Interior standards and is now on the National Register for Historic Places.

The office was designed to provide optimum working conditions and included custom-designed CADD workstations and lighting, as well as conference and meeting room facilities. The building houses a complete fitness center, including locker rooms and showers, to provide incentive for employee wellness.

ARCHITECTURE

Beckley Water Company Office Renovations

Post Office Drawer U
Beckley, West Virginia 25801

The project included renovations to the existing Water Company offices and an expansion of those offices into an adjacent building. The interior spaces were restored to the original 1930's configuration with high ceilings and an open mezzanine. An original pressed tin ceiling, which was badly damaged during previous renovations, was replaced with a new ceiling of the same style. Facade renovations included traditional storefront design elements, along with the introduction of stained glass transoms windows. The lobby area included a new open office system. Mechanical and electrical systems for the entire building were replaced along with the installation of new sprinkler and fire alarm systems. The renovations were phased so that all operations of the Water Company were maintained during the construction process.

ARCHITECTURE

WV Division of Highways

State Road Commission Building Renovation

Charleston, WV

As part of the West Virginia Division of Highways District One Campus Renovation, the former State Road Commission Building was renovated to serve as an office building for various DOH personnel. The historical 40,000 square-foot facility retained many historical features, including orginal doors and transoms, while providing energy-efficient and cost effective systems throughout. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building being constructed beside the SRC Building. A courtyard was also constructed for employee use.

ARCHITECTURE

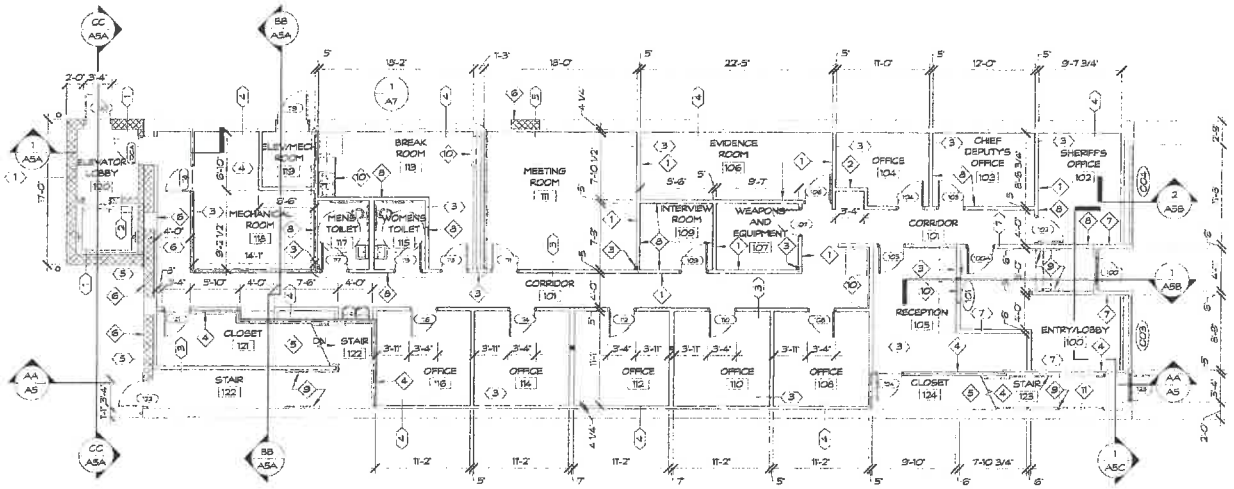
WV Department of Natural Resources

Building 74 Renovations

324 4th Avenue
South Charleston, West Virginia

Chapman Technical Group was selected to provide a multiphase project for the Renovations of Building 74 for the General Services Division (GSD). In Phase 1, Chapman Technical Group provided a thorough evaluation of the interior and exterior of the existing 37,000 square-foot building, including functional analysis, Code review, and evaluations of the building enclosure, roof, electrical, and mechanical systems. Phase 2 will provide design services as directed by the GSD to resolve issues identified in Phase 1. Phase 3 will develop construction documents and provide construction phase services for phased construction projects to enable continuous tenant occupancy of the building.

ARCHITECTURE

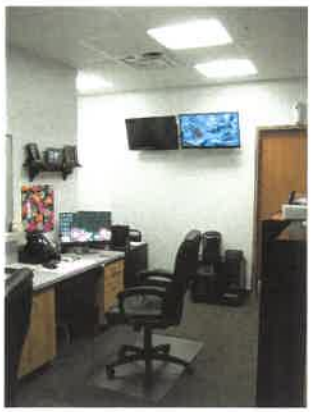


FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

Mason County Sheriff's Office

Point Pleasant, WV

The Mason County Commission selected a building adjacent to the County Courthouse to be the new headquarters for the Mason County Sheriff's Department. The three story 11,500 square-foot facility remained basically unchanged on the exterior with the exception of minor facade repairs, new doors and windows. The first floor interior of the building was completely demolished and rebuilt to house the new Sheriff's Office, while the second and third floor were renovated for Sheriff's office storage, voting machine storage and programming, and other County needs. Other additions and renovations included a new elevator at the rear of the building, a new sprinkler system throughout the building. and new lighting and HVAC systems.



ARCHITECTURE

Upshur County Regional Airport

Terminal Building

Buckhannon, West Virginia

In 2019, Construction for the Buckhannon Upshur Regional Airport's Terminal Building was completed. The 1,420 SF structure provides general aviation support facilitates, including a pilots lounge, waiting area, administration office, restrooms and flight planning station.

A band of windows on the airside allow views from the pilot's lounge and waiting area. Brick entry welcome travelers and provide link to the brick structures in Buckhannon's downtown.

ARCHITECTURE

WV Division of Natural Resources

Chief Logan Cabins

1000 Conference Center Drive
Logan, West Virginia

Chapman Technical Group was selected to provide the architectural, civil engineering, and landscape architectural design to construct 3 new cabins at Chief Logan State Park. In addition to the design of the 4-bedroom cabins, the project also included site development and utility system upgrades on a very challenging former surface mine site.

A new access road was required to the cabins and water, sewer, electric, gas, and communications were all extended to the site.

ARCHITECTURE

Coal Heritage Area Authority

Coal Heritage Discovery Center

Mt. Hope, West Virginia

The Coal Heritage Discovery Center will occupy the historic Patteson Building in downtown Mt. Hope. The Coal Heritage Discovery Center will consist of offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area. There will also be an outdoor patio which can be used as exterior café seating.

The Center will be constructed in two phases. The first phase consisted of remedial work to weatherize the building and included the installation of a new roof and roof structure; repointing and repair of the exterior brick; cleaning the interior of the building and the installation of new doors and storefront.

Right: Interior prior to renovation.

ARCHITECTURE

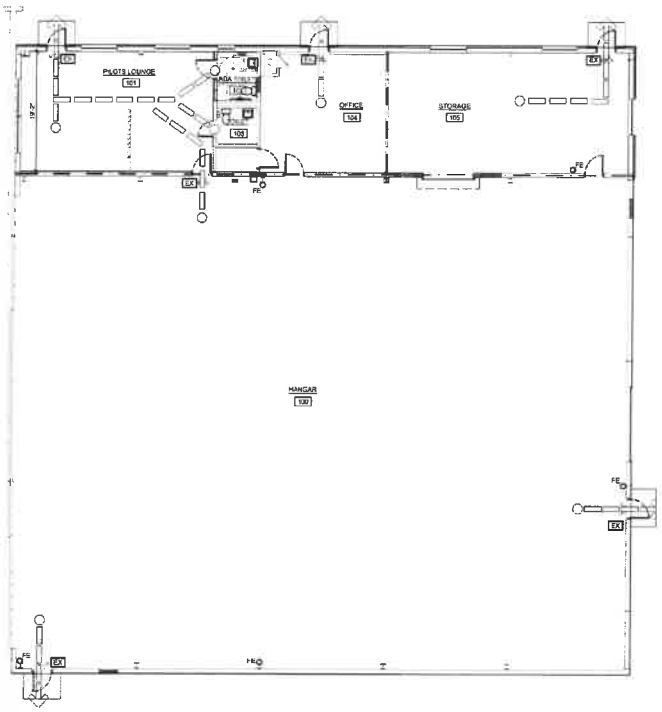
Pocahontas County Wellness Center

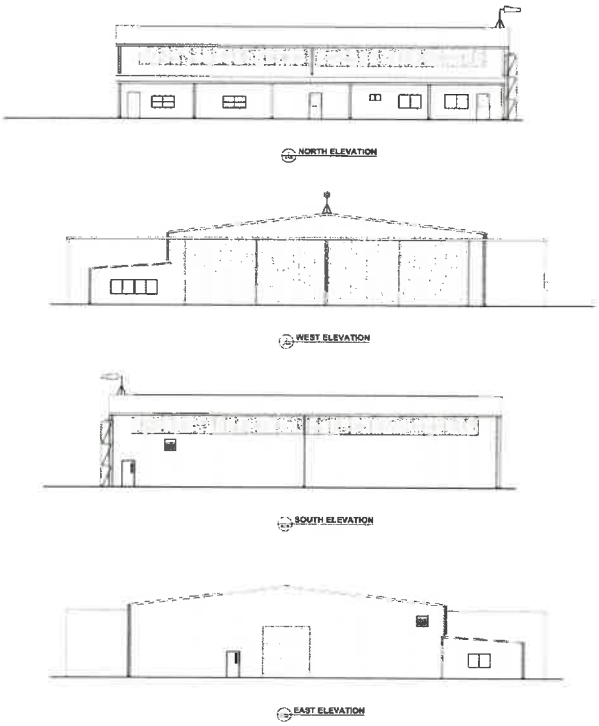
Marlinton, West Virginia

The Wellness Center was constructed adjacent to, but separate from, the existing Marlinton Elementary School. The Pocahontas County Board of Education provided the property in exchange for daytime use of the gymnasium, which the school did not have. The new construction is approximately 13,000 square feet and includes a middle-school size gym and basketball court; a wellness center; two multi-purpose rooms, one of which can be divided into two classroom size rooms with a folding, sound attenuating partition; a racquetball court; and a warming kitchen/ concession stand.

The facility is configured with separate entries to allow use by the school and the public at all times of the day while limiting or prohibiting interaction of the various groups.

ARCHITECTURE





Martin Campbell Field

Terminal and Main Hangar Rehabilitation

Copper Hill, TN

Chapman Technical Group is currently designing the rehabilitation and renovation of the terminal and hangar facilities at Martin Campbell Field which was originally built around 1965. The work includes removing and replacing the metal roof, exterior metal wall panels, and the metal building's structural system.

Installation of code-mandated fire walls, ADA access to the building, lighting, and HVAC improvements, and restroom renovations are included in the work.

Translucent wall panels will be provided in the hangar area to utilize daylighting and reduce energy consumption.

Additionally, water service improvements and finish upgrades are being considered as alternates to provide as much improvement as the budget will allow.

Existing Terminal/Hangar Building

ARCHITECTURE

Islamic Center of West Virginia

Additions and Renovations

1 Valley Drive
South Charleston, West Virginia

The Islamic Center of West Virginia wanted to expand their existing facilities in South Charleston, West Virginia.

Chapman Technical Group designed the addition to complement the original structure using traditional materials and forms including pointed arches, white brick, and plaster. The 13,000 SF addition and 4,000 SF renovation doubled the size of the original building, providing a new gymnasium, two gathering halls, 11 classrooms, a nursery, commercial kitchen and various support spaces unique to the Islamic community. A mezzanine will accommodate exercise equipment while providing a great view of the maple wood court. In the gym, diffused light flows through arched window which are protected by steel covers, crafted to evoke the image of stylized dogwood buds. Sound-proof doors and concrete walls keep the prayer hall a serene place.

Joseph E. Bird, ASLA

Senior Vice President
Project Manager

Years of Experience: 44
Years with Chapman: 37

Education
B.S., Landscape Architecture, 1978
West Virginia University

Registration
Architect: WV, KY, IN

Affiliations
Council of Landscape Architectural Registration Boards

WV Chapter, American Society of Landscape Architects

Experience

Joe has been involved in a wide range of projects in his 40+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from site development to major architectural projects. His experience includes coordinating the efforts of various local, state, and federal agencies.

Site Development
Site planning and project management for numerous projects throughout West Virginia ranging from small campus sites to large sites for commercial, government, industrial, and institutional development. Projects include military complexes, campuses, public housing developments and other public facilities.

Parks and Recreation
Projects include, master planning for municipal parks, swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems. Also involved in the design of facilities such as softball fields, fishing access facilities, recreation facilities for prisons, as well as passive recreation areas for public and private clients.

Miscellaneous
Other project experience includes the 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.

Recent Relevant Experience
Old Central City Gazebo Space Redesign; Huntington, WV
Smith Street Streetscape; Charleston, WV
St. Albans C Street Plaza; St. Albans, WV
Scottsville Streetscape; Scottsville, KY
Meadow River Trail; Greenbrier County, WV
Clear Fork Trail; Raleigh County, WV

W. Thomas Cloer, III

NCARB, AIA

Project Architect

Years of Experience: 22
Years with Chapman: 16

Education
B.S., Architecture, 2001
University of Tennessee

Registration
Architect: WV, VA, KY

Affiliations
National Council
of Architectural
Registration Boards

AIA National

WV Chapter
American Institute
of Architects
Past V.P. and Secretary

St. Albans Historic District
Committee Member

Experience

Tom has extensive architectural experience, having worked with clients on programming, planning, budget analysis, design, construction documents, bidding, construction phase services, and code compliance. He regularly provides leadership in architectural design and project management for new building design and renovation projects such as K-12, parks and recreation, and government and municipal facilities.

Comprehensive Educational Facilities Plan
Tommy worked as part of a team to develop the 2020 Comprehensive Educational Facilities Plan (CEFP) for both Ritchie County Schools and Clay County Schools. Work on the CEFP's include facilities assessments and reports, participation in educational planning committee meetings, presenting findings to the county board of education and assisting the county in translating educational needs into facility needs.

Jane Lew Elementary School Addition; Jane Lew, WV
Project Architect for the design of an addition and renovation project that included five new classrooms, an updated office suite, and a new building entrance and bus loop. Toilet rooms were also renovated and new floor finishes were installed throughout the building. A new HVAC system serves the addition, and a new sprinkler system and fire alarm were installed for the entire school. New ceilings and lighting were also provided throughout.

Clay County High School Addition and Renovation; Clay, WV
Tommy worked closely with Clay County Schools to obtain a WV School Building Authority Needs Grant to fund the design and construction of a multi-million dollar addition and renovation to the 106,000 sf Clay County High School. The project included the design and construction of a new multipurpose Commons Area that can serve as additional cafeteria space, a lobby for the gymnasium during sporting events and graduation, and as an area for students to congregate before and after school. Major renovations to the gymnasium and locker rooms include a new gym floor, bleachers, basketball and volleyball equipment, lockers, and shower rooms, In addition to renovating all of the toilet rooms, the school also received new doors, windows, light, paint and a new HVAC system was also Installed throughout the school.

Phillip A. Warnock, NCARB, AIA
Project Architect

Years of Experience: 31
Years with Chapman: 19

Education
B.S., Architecture, 1995
University of Tennessee

Registration
Architect: WV, KY, IN, TN

Affiliations
National Council
of Architectural
Registration Boards

WV Chapter,
American Institute
of Architects

Awards
Honor Award, WV AIA
Upshur County Courthouse

Merit Award, WV AIA
I-79 Burnsville Rest Area

Merit Award, WV AIA
State Road Commission
Building

Publications
Structure Magazine,
February 2010
"A Gem in the Mountains"
Upshur County Courthouse
Restoration

Experience

Phill is an award-winning architect with extensive experience, having worked with clients on programming / planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He is especially skilled in renovation and historic restoration projects for government and municipal facilities.

WV Division of Natural Resources, Building 74 Renovation; Charleston, WV
Project Architect for evaluation and recommendations for possible improvements and upgrades to building systems in three-story, 37,000 SF, masonry-construction facility that houses approximately 100 employees. Among improvements selected for design are replacement of heating and cooling systems, windows, T5 lighting with LED fixtures, and replacement of ceilings and floor finishes, as well as new DDC controls throughout building.

WV DOT Rest Areas and Welcome Centers
Project Architect for the design and construction of the prototype rest areas and welcome centers for various locations throughout West Virginia.

State Road Commission Building; Charleston, WV
Project Architect for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building that was constructed beside the State Road Commission. **Building.**

District One Equipment Shop Building; Charleston, WV
Project Architect for the design of the new $10 million vehicle equipment shop building for District One which includes multiple service bays, parts storage, welding shop, and offices.

Coal Heritage Discover Center; Mt. Hope, WV
Project Architect for the Coal Heritage Discovery Center, which is a rehabilitation of the historic Patterson Building in downtown Mt. Hope. The Coal Heritage Discovery Center is designed to house WVDNR WMA Storage Buildings offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area. There will also be an outdoor patio which can be used as exterior cafe seating.

Sharon L. Chapman
Interior Design

Years of Experience: 25
Years with Chapman: 24

Education
B.A., Art and Interior Design, 1993
University of Charleston

Registration
Allied Member, American Society of Interior Designers

Affiliations
Allied Member, ASID

St. Albans Rotary

Thomas Memorial Hospital Foundation

Gabriel Project of WV

Experience

Sharon has extensive experience in space planning and interior design and has worked on a variety of projects ranging from industrial facilities to schools and high-end professional offices. She offers a unique perspective, understanding the need to provide durable, low maintenance finishes, while enhancing the basic architectural design with just the right aesthetic touch.

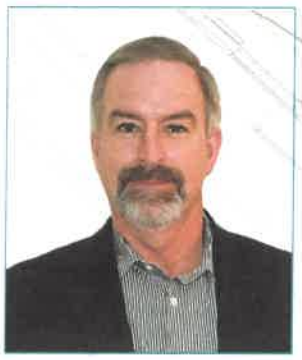
Jane Lew Elementary School Addition; Jane Lew, WV
Interior Designer for the addition and renovation project that included five new classrooms, and an updated office suite.

Smithville Elementary School Addition; Smithville, WV
Interior Designer for the addition and renovation of the Smithville Elementary School project which included the design of a new classroom wing and a new kitchen addition adjacent to the remaining buildings.

State Road Commission Building; Charleston, WV
Interior Designer for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building that was constructed beside the State Road Commission.

WV Division of Natural Resources, Building 74 Renovation;
Charleston, WV
Interior Designer for evaluation and recommendations for possible improvements and upgrades to building systems in three-story, 37,000 SF, masonry-construction facility that houses approximately 100 employees. Improvements included new ceilings, floor finishes, and wall finishes.

Various State Park Cabins
Interior Designer for three new 2,200 sf deluxe 4-bedroom cabins at Chief Logan State Park; thirteen new 1,500 sf modern 4-bedroom cabins at Blackwater Falls State Park; and the renovation of nine cabins at Watoga State Park.



Robert G. Belcher, P.E.

Senior Vice President
Project Officer

Years of Experience: 39
Years with Chapman: 36

Education
B.S., Civil Engineering, 1983, West Virginia Institute of Technology

Registration
Civil Engineer: WV, OH, VA

Affiliations
WV Water Environment Association

Contractor's Association of WV

WV American Water Works Association

WV Society of Professional Engineers

WV American Council of Engineering Companies

WVUIT Civil Engineering Advisory Board

WV Qualifications Based Selection Council

Awards
George Warren Fuller Award, 2001

Experience

Water Systems
Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 6.0 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, elevated pedestal tanks, and pre-stressed concrete tanks.

Wastewater Systems
Design and project management for numerous wastewater systems throughout West Virginia. Projects include new, secondary and tertiary wastewater treatment plants as large as 4.5 MGD, improvements to existing plants, small-flow treatment plants, new and rehabilitation of wastewater collection systems, and facility plan updates.

Miscellaneous
Design and project management for large highway and bridge projects, airport improvements projects, large stormwater management projects including assistance with MS4 compliance, as well as potable water and wastewater system design for site development projects throughout West Virginia.

Monty Maynard, PE
LEED AP BD+C
Vice President

Years of Experience: 45
Years with GRW: 26

Education
B.S., Electrical Engineering, 1978,
University of Kentucky

Registration
Professional Engineer (Electrical): KY, WV, IN, GA, TN, TX, FL

LEED Accredited Professional, Building Design + Construction

Affiliations
National Fire Protection Association

International Society of Automation

American Council of Engineering Companies

National Council of Examiners for Engineering and Surveying

Experience

Monty's experience with electrical design, process instrumentation and control design, and project management is extensive. He has been involved with the design of building systems for more than 300 projects, ranging from water resources projects to the design-build of federal prisons with total construction values as high as $984 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, instrumentation/controls/telemetry, power quality, energy efficiency and code compliance.

Cumberland Valley Technical College Building One Renovation; Harlan, KY
Electrical Engineer. Renovation design for 31,000 SF building including updated exterior appearance, and modernized teaching spaces. Work included total replacement of building mechanical and electrical systems.

Fort Knox Macdonald Elementary School Renovation; Ft. Knox, KY
Principal-in-Charge. Renovation of a 63,000 SF Army school with year-round schedule. Involved a new standing seam roof installed over 48,000 SF to create an attic for 100% replacement of existing HVAC system equipment with geothermal-based heat pump system, new electrical service system, and fire alarm system upgrade.

Lexington Catholic High School Phase II Addition, Lexington, KY
Engineering Manager. 48,000 SF addition included 1800-seat two level gymnasium and running track, performing arts stage, art wing, and new administration area.

Marshall University Weisberg Family Engineering Laboratory, Huntington, WV
Electrical Engineer. New, 16,000 SF engineering laboratory building. Building security systems included access control and CCTV. HVAC systems feature rooftop VAV systems with variable electric reheat.

Cory Sharrard, PE
LEED AP
Mechanical Engineer

Years of Experience: 23
Years with GRW: 3

Education
B.S., Industrial Technology, 1996, Murray State University

B.S., Mechanical Engineering, 1998, University of Kentucky

Registration
Professional Engineer: KY, IN, OH, WV, NY, TN

NCEES Member allows reciprocity with other states

LEED AP

Affiliations
American Society of Heating, Refrigerating and Air-Conditioning Engineers

Kentucky Society of Professional Engineers

Experience

Cory possesses more than 20 years' experience with mechanical engineering including design of traditional water source heat pump (WSHP), geothermal WSHP, hybrid geothermal WSHP, variable refrigerant flow (VRV), split system, rooftop units, unit ventilators, variable air volume (VAV), and ice storage systems. Her experience includes numerous K-12, higher education, vocation school, detention center, church, and library projects.

WV Division of Natural Resources Building 74 - South Charleston, WV
Mechanical Engineer for evaluation and recommendations for possible improvements and upgrades to building systems in three-story, 37,000 SF, masonry-construction facility that houses approximately 100 employees. Among improvements selected for design are replaced of heating and cooling systems, windows, TS fighting with LED lighting LED fixtures, and replacement of ceilings and floor finishes, as well as new DDC controls throughout building.

WV Capitol East Campus - Charleston, WV
Mechanical Engineer for planning, design, and bidding services for a 26,771 SF warehouse facility with surplus and receiving, a warehouse store, office area, maintenance shop with welding, grounds mechanic shop for vehicle maintenance, and equipment storage facility serving the General Services Division on the Capitol East Campus. Included are an open storage and bulk storage building, as well as a separate building for Capitol mail room.

Clay County Schools Bus Garage; Clay, WV
Mechanical Engineer; FEMA funded project for new bus garage constructed above 100 year flood elevation. Project included 5,000 SF masonry garage (constructed on deep foundations) with two service bays, wash bay, parts storage, and drivers lounge. Separate building houses spare tires.

Clay County High School Renovation and Addition; Clay, WV
Mechanical Engineer; Design and construction administration phase services for gymnasium and locker rooms, commons area, and HVAC system renovations; door/window replacement; and security/communications system improvements. Portion of construction will occur during summer months, but most was completed while school is occupied.

Buffalo Trace Distillery Design-Build Process Building at Wastewater Treatment Plant; Frankfort, KY
Architectural, mechanical, process, and structural design services for design-build of process building at Buffalo Trace Distillery's wastewater treatment plant in Frankfort, KY. Approximate 13,000 SF pre-engineered metal building, with height of up to 33 feet, houses equipment and processes for new wastewater treatment plant.

CAS Structural Engineering, Inc.

Carol A. Stevens, P.E.
Structural Engineer

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

PROFESSIONAL REGISTRATION

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

BACKGROUND SUMMARY

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

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

CIVIC INVOLVEMENT
ASCE Christmas in April Project
Engineer's Week Speaker

EXPERIENCE
West Virginia, Canaan Valley Resort State Park: Structural investigation and recommendations for repairs to the five (5) existing overnight sleeping facilities.

West Virginia, Twin Falls Resort State Park Lodge Addition: Structural design for new 28,000 SF addition to existing facility, including new entrance lobby, conference areas, sleeping rooms and indoor pool.

West Virginia, Hawks Nest State Park Lodge: Analysis of structural cracks in lodge building. Work included probes to determine condition of existing connections between structural elements.

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

West Virginia, State Capitol Complex, Holly Grove Mansion: Structural evaluation report for preliminary condition assessment of building structure. Building is on State Historic Register and was constructed in the 1830's.

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

West Virginia, Twin Falls Resort State Park: Structural evaluation of existing recreation building.

West Virginia, Pipestem Resort State Park: Structural evaluation of existing recreation building.

West Virginia, Cabwaylingo State Forest: Structural evaluation of existing dormitory buildings constructed in the 1950's.

West Virginia, State Capitol Complex, Main Capitol Building Dome: Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on State Historic Register and was constructed in the 1930's.

P.O. Box 469 Alum Creek, WV 25003-0469 (304) 756-2564 (voice) (304) 756-2565 (fax)
A West Virginia Certified DBE Consultant
Certified in the Practice of Structural Engineering

West Virginia, Historic Putnam-Houser House (Parkersburg): Designed system for stabilization and upgrades to floor framing of building that was constructed in the 1700's.

West Virginia, Upshur County Courthouse: Developed construction documents for structural repairs to main entrance, dome and monumental sandstone columns of 1899 structure. Work was recently completed and received a WVAIA Honor Award for Design Excellence.

Ohio, Mahoning County Courthouse: Completed preliminary structural observation report of exterior façade conditions to recommended phased repairs for terra cotta and granite façade. Building is on State Historic Register and was constructed in the early 1900's.

West Virginia, State Capitol Complex, Building 5: Structural design and analysis for support of new boilers and other mechanical equipment to be placed in mechanical penthouse.

West Virginia, State Capitol Complex, Building 7: Investigation and development of Construction Documents for new elevators.

West Virginia, State Capitol Complex, Building 3: Structural design and construction administration of repairs to limestone canopy. Building is eligible to be placed on State Historic Register and was constructed in the 1950's.

West Virginia, State of West Virginia Office Building #21, Fairmont, WV: Preliminary structural observation report for condition assessment of building structure.

West Virginia, State Capitol Complex, Building 5: Structural design and analysis for support of new boilers and other mechanical equipment to be placed in mechanical penthouse.

West Virginia, Hampshire County Courthouse: Structural design for new elevator for existing historic building.

West Virginia, Shinnston Park: Structural design of new outdoor pool.

PREVIOUS EXPERIENCE

West Virginia, State Capitol Building, North Portico Steps: Designed structural system to replace deteriorated reinforced concrete slab at landing on north side of Capitol steps. Building is on State Historic Register and was constructed in the 1930's.

West Virginia, Beech Fork State Park Pool, Bathhouse and Cabins: Designed structure for new bathhouse, swimming pool and cabins.

West Virginia, Moncove Lake State Park Pool: Designed structure for new swimming pool.

West Virginia, Upshur County Courthouse Annex: Performed structural evaluation and design for repairs to existing multi-story Annex addition.

West Virginia, Canaan Valley Resort and Conference Center: Structural feasibility study to upgrade lodging units.

West Virginia, West Virginia University Masterplan: Investigated structural floor load capacity of several university buildings as a consultant to a large national architectural firm for masterplan.

West Virginia, Morgantown High School Additions: Designed steel framing and foundations for science classroom, cafeteria and gymnasium additions to existing education complex.

Pennsylvania, Hampton Inn: Structural design of new 5-story masonry and precast plank hotel building.

Pennsylvania, Comfort Inn: Structural design of new 5-story masonry and precast plank hotel building.

Pennsylvania, Misericordia University: Structural design of new 4-story masonry and precast plank dormitory building.

Pennsylvania, Metropolitan Edison Company, Headquarters: Structural design of new 80,000 SF two-story office addition to existing complex.

Pennsylvania, York County Government Center: Structural analysis and design of 1898 former department store converted to county government offices. Interior renovations included adding floor framing at mezzanine level, analyzing and redesigning deficient floor framing, and adding new elevators. Exterior renovations included complete façade rework to recreate original appearance.

Pennsylvania, Metropolitan Edison Company, Headquarters: Structural design for new 80,000 SF two-story office addition to existing complex.

Pennsylvania, Defense Distribution Region East: Structural engineering and design for a 33,000 SF Hazardous Materials Storage Warehouse.

Maryland, U.S. Army Corps of Engineers, Baltimore District, Administration Building: Structural design of new 10,000 SF masonry building.

REFERENCES

1. Ms. Damita Johnson
   City Manager
   City of Oak Hill
   100 Kelly Avenue
   Oak Hill, WV 25901
   (304) 469-9541

2. Honorable Scott James, Mayor
   City of St. Albans
   1488 MacCorkle Avenue
   St. Albans, WV 25177
   (304) 722-3391

3. Mark A. Crites
   Building Project Management Specialist
   General Services Division – Engineering Section
   Building 4, Fifth Floor
   112 California Avenue

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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 1254218

Doc Description: A&E - D5 Forks of Coal Building Renovations

Proc Type: Central Purchase Order

Reason for Modification:
Addendum #1 issued to correct ship to address and move bid close date to 8/01/2023 @ 1:30 PM ET

Date Issued	Solicitation Closes	Solicitation No	Version
2023-07-12	2023-08-01 13:30	CEOI 0310 DNR2400000001	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000207246

Vendor Name : Chapman Technical Group

Address : 200

Street : Sixth Avenue

City : Saint Albans

State : West Virginia **Country :** USA **Zip :** 25177

Principal Contact : Joseph E. Bird

Vendor Contact Phone: (304) 727-5501 **Extension:** 3154

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** 550704766 **DATE** 8-1-2023

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Joseph E. Bird, Senior Vice President

(Address) 200 Sixth Avenue Saint Albans, WV 25177

(Phone Number) / (Fax Number) (304) 727-5501

(Email address) jbird@chaptech.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Chapman Technical Group
(Company)

8-1-23

(Signature of Authorized Representative)

Joseph E. Bird, Senior Vice President
(Printed Name and Title of Authorized Representative) (Date)

(303) 727-5501
(Phone Number) (Fax Number)

jbird@chaptech.com
(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DNR24*01

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

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

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

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

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

Chapman Technical Group
Company

Authorized Signature

8-1-23
Date

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