



m:Thrasher Engineering

**Purchasing Divison** 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: 161819					
Ì	Doc Description: Addendum, A/E service for Hawks Nest Lodge HVAC System					
	Proc Type: Central Contract - Fixed Ami					
Date Issued	Solicitation Closes	Solicitation No	Version			
2015-12-07	2015-12-15 13:30:00	CEOI 0310 DNR1600000014	2			

BID RECEIVING LOCATION

**BID CLERK** 

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

Vendor Name, Address and Telephone Number:

The Thrasher Group, Inc.

PO Box 940, 600 White Oaks Blvd.

Bridgeport, WV 26330

304-624-4108

12/15/15 12:40:36 **NWW Purchasing Division** 

FOR INFOR	MATION	CONTACT	THE	BUYER

**Guy Nisbet** (304) 558-2596 guy.l.nisbet@wv.gov

Signature X

FEIN# 55-0633596

12/15/15 DATE

All offers subject to alixerms and conditions contained in this solicitation

Page: 1

FORM ID: WV-PRC-CEOI-001

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Addendum

Addendum No. 1 Issued to pubish the attached information to the vendor community.

The West Virginia Purchasing Division for the Agency, The West Virginia Division of Natural Resources (WVDNR) is soliciting CEOI responses from qualified firms to provide a contract to provide necessary engineering and other related professional services to design and provide construction contract administration services for the necessary repairs of the HVAC system located at Hawks Nest State Park Lodge per the specifications and terms and conditions as attached.

INVOICE TO	SHIRTO STATE COLUMN	
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE	STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICA	
SOUTH CHARLESTON WV25305	No City	WV 99999
us	US	

Line	Cornm Ln Desc	Qty	Unit Issue	
1	Architectural/Engineering Services	0.00000		
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Comm Code	Manufacturer	Specification	Model #	$\neg$
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#### **Extended Description:**

A/E services to deisgn.Improvements to the HVAC at Hawks Nest State Park Lodge.

12/15/2015 13:35

From:Thrasher Engineering

2		Document Phase	Document Description	Page 3
J	DNR1600000014	Draft	Addendum, A/E service for Haw ks Nest	
ļ			Lodge HVAC System	

### ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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# ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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)

[	<b>X</b> ]	Addendum No. 1	[	]	Addendum No. 6
ĺ	]	Addendum No. 2	1	J	Addendum No. 7
[	]	Addendum No. 3	= {	]	Addendum No. 8
[	]	Addendum No. 4	[	]	Addendum No. 9
[	}	Addendum No. 5	ſ	]	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.

The Thrasher Group, Inc.

Company

Authorized Signature

12/15/15

Date

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

Revised 6/8/2012

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## 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:**

WITNESS THE FOLLOWING SIGNATURE:

RECEIVED TIME

"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 exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §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.

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OFFICIAL SEAL NOTARY PUBLIC State of West Virginia LACEY BOBO BO Beaset Addition Road Clarksburg, WV 26301 Commission Expires April 7, 2020 ME DEC. 15. 12:21 PM

Purchasing Affidavit (Revised 08/01/2015)

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### CERTIFICATIONAND 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.

The Thrasher Group, Inc.

(Company)

Authorized Signature) (Representative Name, Title)

ph. (304) 624-4108 fax (304) 624-7831 12/15/15

(Phone Number) (Fax Number) (Date)

HARRER ENGINEERING

# THRASHER

A/E Services for Hawks Nest Lodge HVAC System CEOI #0310 DNR1600000014

Submitted by:
THE THRASHER GROUP
DECEMBER 15, 2015

600 White Oaks Boulevard • P.O. Box 940 • Bridgeport, WV 26330 • www.thrashereng.com

Harper Engineering, Inc.

December 15, 2015

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Division of Natural Resources Parks & Recreation - PEM Section 324 4th Avenue South Charleston, WV 25305

RE: A/E Services for Hawks Nest Lodge HVAC System CEOI #0310 DNR1600000014

Dear Members of the Selection Committee.

The Thrasher Group is pleased to present our qualifications to WVDNR for the planned HVAC renovation at Hawks Nest Lodge. Our firm has performed HVAC diagnostic and design renovations on numerous public and private sector buildings. While these projects can often be complex, we pride ourselves on our ability to understand the users end goals, and to design a solution that is functional and easy to maintain. This has most recently been displayed with our oversight of the HVAC commissioning of the WVU Jackson's Mill Fire Academy, and our work on the Wise Library HVAC system.

We understand the importance of preventative maintenance on mechanical systems. Our simplistic design approach will be appreciated by the maintenance staff for years to come and will result in a much longer life cycle of the system.

We firmly believe that the core of any successful project is forming a partnership and trust. Our approach to partnership has enabled us to retain our very first client from 1983 through to this day. Given the strong working relationship that currently exist, I am extremely confident that we will work well together to achieve a successful project. I look forward to working on this rewarding project and proving why Thrasher is your perfect partner.

Sincerely,

THE THRASHER GROUP, INC.

CRAIG BAKER, Assoc. AIA, CEFP

Principal-in-Charge

# The Thrasher Group, Inc. Company Profile

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In 1983, a young engineer with an entrepreneurial spirit and his father, a seasoned engineer with more than 40 years of experience, joined forces to start a civil engineering firm focused on public utility infrastructure in North Central West Virginia. With a commitment to building business through "successful projects and repeat clientele", H. Wood Thrasher, PE and the late Henry A. Thrasher, PE – both graduates of West Virginia University - formed Thrasher Engineering, Incorporated in Clarksburg, West Virginia.

Since that time, Woody Thrasher has grown the company, now know as The Thrasher Group, Inc., into West Virginia's largest privately-owned architectural and engineering firm, and one of the leading A/E firms in the Mid-Atlantic region.

Publicly funded water and wastewater projects were the backbone of the company, and continue to be a large part of its engineering division. Survey, construction monitoring, and inspection services departments were added in the early years of the company to support those projects.

While keeping an eye on the changing marketplace, Mr. Thrasher expanded the company's areas of engineering to include site development for both public and private clientele, and provided design services for transportation including roadways, bridges and airports.



Based upon Thrasher's success with site development and engineering design services, architectural design was added to Thrasher's ever-expanding scope of services at the urging of their clients. The latest complement to the Architecture Division are master planning and landscape architecture.

Thrasher has grown from its original three employees to a current staff of nearly 425 and continues to prosper. Instilled in each employee is a commitment to maintaining the highest standards of professional service; a tribute to the founders' initial philosophy of

"Successful Projects and Repeat Clientele."

Main Point of Contact:

Mr. Craig Baker, Assoc. AIA, CEFP

600 White Oaks Blvd.

Bridgeport, WV 26330

304-624-4108

Office Locations:

Bridgeport, WV

Charleston, WV

Beckley, WV

Canton, OH

Canonsburg, PA

Oakland, MD

Fredericksburg, VA

Thrasher Information: www.thrashereng.com

# Harper Engineering, Inc. Sub Consultant - Mechanical, Electrical, and Plumbing

Harper Engineering was founded in 2008 to provide innovative engineering design services to architects, owners and contractors throughout the state. We are a unique combination of eager young talent and proven experience fused together to serve all of your building systems design needs including heating, cooling, plumbing, lighting, and electrical.

Harper's goal is to design optimized systems that meet all of our client's performance, energy use, and budgetary needs. The staff at Harper Engineering has a combined 80 years of experience working with clients in a variety of fields including but not limited to education, hospitals, offices, airports, manufacturing, and water treatment plants.

#### Services:

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- Higher Education HVAC design
- · Mechanical, electrical, and plumbing evaluations for older structures
- Specialized K-12 school design SB
- A policies 6200 standards
- HVAC design plumbing design
- · Heating and cooling load calculations pipe sizing
- · Ductwork sizing fixture selection
- · Equipment selection site utilities
- Hydronic pipe sizing sprinkler design
- · Electrical design drafting

- Electrical load calculations specifications
- Panel and switch gear selection project management
- Lighting construction documents
- Fire alarm
- Site utilities
- Emergency generators





THRASHER

# Craig Baker, Assoc. AIA, CEFP Principal-in-Charge



Mr. Baker has extensive experience in designing, renovating and planning building additions for academic clients. Mr. Baker has designed, managed and completed many projects during his tenure at Thrasher. He has a vast knowledge centered on the following: sports complexes, administrative office space, classroom design, academic building expansion, government buildings, residences, medical facilities and restaurants.

Craig is experienced in all CADD and building information modeling design programs relative to architecture. Craig has excellent client communication, coordination of construction, detailed construction document preparation, bidding, construction management and contract administration and is an experienced project manager.

#### Education:

- · Bachelor of Science, Architectural Engineering Fairmont State University
- Advanced Certificate, Educational Facilities Planning San Diego State University

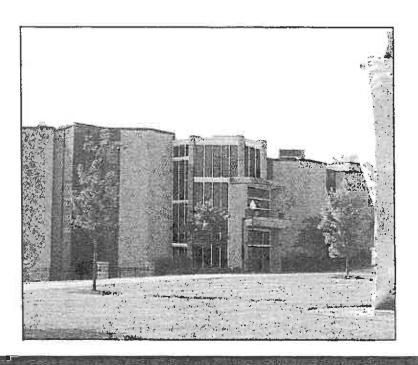
### Registrations:

• Certified Educational Facilities Planner (CEFP)

# Affiliations/Certifications:

- Associate Member of American Institute of Architects
- West Virginia Energy Services Coalition
- · Council of Educational Facilities Planners International

- Barbour County Board of Education, Belington Elementary School HVAC Upgrades—Barbour County, West Virginia
- Barbour County Career and Technical Center HVAC System— Barbour County, WV
- United Technical Center HVAC System and Dust Collection -Harrison County, West Virginia



# David Smith, PE Project Engineer



Through practical experience, Dave Smith knows what clients expect from their engineering firm, As a project manager for engineering and construction at West Virginia University, Dave was the client for many engineering firms, in addition to serving as an in-house consultant for planning, design and construction of capital projects throughout WVU's main campus and regional facilities. He also was the Director of Operations for WVU's Jackson's Mill facility.

As a project manager and engineer, Dave is highly focused on project delivery, specifically scheduling and budgeting, as was demonstrated in his successful management of nearly \$60 million in construction projects at WVU in a five year period.

#### Education:

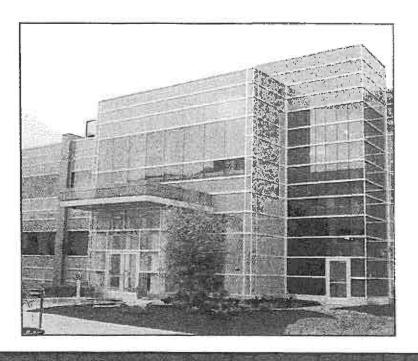
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- Bachelor of Science, Civil Engineering West Virginia University (WVU)
- Associates of Science, Civil Engineering- Potomac State College of WVU

## Registrations:

- Registered Professional Engineer
  - State of West Virginia [

- · Fairmont State University Natatorium Renovations and HVAC Replacement Project - Marion County, West Virginia
- · McDowell County Board of Education Bus Garage and HVAC -Doddridge County, West Virginia
- Riverview High School HVAC Controls McDowell County, West Virginia
- City of Clarksburg Northview Fire Substation HVAC Systems Replacement - Harrison County, West Virginia



# Matt Breakey, AIA, LEED AP Project Architect



Matthew Breakey, AIA, NCARB, LEED AP, joined the team at Thrasher in the fall of 2014. Mr. Breakey brought with him over 20 years of experience providing architectural design and management services to a wide variety of clients including those in the education sector (K-12 and higher education clients), State, Federal, Correctional, Commercial, Multi-Unit Residential, and Healthcare System.

Mr. Breakey spent part of his career providing oversight for major capital construction projects for two auxiliary entities at a Higher Education Institute. This work has given him a refined eye for both the design aspect as well as project construction and feasibility. Mr. Breakey's combination of experience and education have made him a highly sought after architect in the region.

#### Education:

- Bachelors of Architecture Pennsylvania State University
- Bachelors of Science, Architecture Pennsylvania State University

# Registrations:

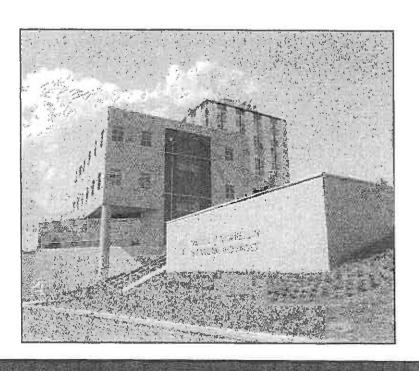
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- · Registered Architect:
  - States of West Virginia, Maryland, Kentucky, and the Commonwealth of Pennsylvania

## Affiliations/Certifications:

- · LEED Accredited Professional, US Green Building Council
- NCARB Certification
- American Institute of Architects (AIA)
- · AIA West Virginia Chapter member

- WVU Engineering Sciences Building Lab Renovations Monongalia County, West Virginia
- WVU Engineering Sciences Building Entrance Monongalia County, West Virginia
- Potomac State College New Library Entrance Addition Keyser, West Virginia



# Jason Harper, PE Project Engineer



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Jason E. Harper, PE brings 11 years design experience to our firm. He has experience with HVAC, Electrical, plumbing, and fire alarm system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

#### Education:

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

### Registrations:

- Registered Professional Engineer
  - · State of West Virginia
- **ASHRAE**
- **NFPA**

- · Addition and Renovation to Geary School Roane County, West
- Baileysville Elementary HVAC Renovations Wyoming County, West Virginia
- W. Kent Carper Justice and Public Safety Complex Kanawha County, West Virginia
- Dominion Gas Office Building Monongalia County, West Virginia
- Renovations to Glenville Elementary School Gilmer County, West Virginia
- · Addition to Shady Spring Middle School Raleigh County, West Virginia
- · Addition and Renovations to Flinn Elementary Kanwha County, West Virginia
- Renovations to Park Middle School Raleigh County, West Virginia



# Jeff Roberts, Assoc. AIA Construction Estimator



Jeff Roberts is an Associate AIA in the state of West Virginia. He joined Thrasher in 2009 following graduation from Fairmont State University. Currently, Jeff serves as project manager and construction estimator. His experience on-site and working directly alongside Contractors has given him an great understanding of project estimating.

leff specializes in client communication, project organization and design details of all types of architectural buildings. He has expertise in CADD design programs related to architecture. As Project Manager, Jeff holds the responsibility for per-design work, client communication, construction document coordination, project scheduling, and construction administration.

#### Education:

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Bachelor of Science, Architectural Engineering - Fairmont State University

# Affiliations/Certifications:

Associate Member of AIA (American Institute of Architects)

- · Preston-Taylor Community Health Centers, Inc. New Facility-Taylor County, West Virginia
- · Marion County Health Department Renovations and Addition -Marion County, West Virginia
- · Clarksburg Harrison Regional Housing Authority Duplex Projects - Harrison County, West Virginia
- · Calhoun-Gilmer County Career Center Renovations Project-Calhoun County, West Virginia
- · Progress Centre II at White Oaks Business Park New Facility -Harrison County, West Virginia

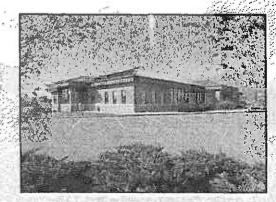


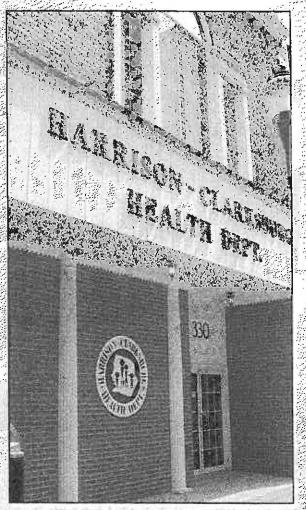
# Thrasher & Harper Combined HVAC Experience State of West Virginia

Along with the hundreds of new construction projects that had an HVAC component, our combined team has completed several projects that were solely HVAC. The combination of architectural expertise from Thrasher and HVAC design from Harper allows our team to take a unique approach to these types of projects. Harper provides all of the technical design while Thrasher provides support for architectural modifications, bidding and construction oversight. Here are a few recent HVAC projects our team has completed.

- WVU Tech Center Montgomery, WV
- Harrison County Health Department Clarksburg, WV
- Northview Fire Station Clarksburg, WV
- Belington Elementary School Belington, WV
- Crichton Elementary School Charmco, WV
- Rahall Center at the Woodlands Beckley, WV
- Taylor County Courthouse Grafton, WV
- McDowell County Schools Bus Garage Welch, WV
- Lincoln Middle School Shinnston, WV
- · NCWV Airport Bridgeport, WV
- · Wirt County High School Elizabeth, WV
- Taylor County Courthouse Annex Building Grafton, WV
- Beckley Sanitary Board Beckley, WV







# Boone County Courthouse Annex Office Addition HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler

# **Project Location:**

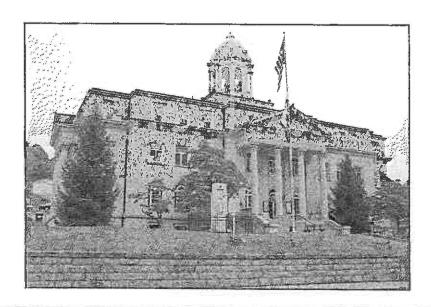
Madison, Boone County, West Virginia

# **Project Budget:**

\$2,000,000.00

# Description and Scope of Services:

This project was a 20,000 square foot addition and renovations to the Boone County Courthouse Annex. The mechanical system consisted of package VAV rooftop units with zoning system. The challenging aspect of this project was dealing with tight floor-to-floor clearances, and coordination with existing conditions where the new addition tied into the existing building.



Owner Contact:
Boone County Commission
206 Court Street
Madison, WV 25130
304-369-7330

# W. Kent Carper Justice & Public Safety Complex HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler

# **Project Location:**

Charleston, Kanawha County, West Virginia

# **Project Budget:**

\$6,000,000.00

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# **Description and Scope of Services:**

This project included renovations to the existing 62,400 SF building. These renovations included HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler system work. The mechanical system consisted of package VAV rooftop units with VAV box serving each zone. The challenging aspect for this building was dealing with the building's historical nature.



## **Owner Contact:**

W. Kent Carper Justice & Public Safety Complex 301 Virginia Street East Charleston, WV 25301 304-357-0387

# Braxton County Schools - County-wide Upgrades HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler

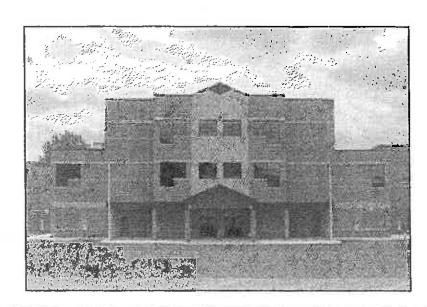
Project Location:

Braxton County, West Virginia

**Project Budget:** \$26,000,000.00

## Description and Scope of Services:

This project included the design and renovations of the HVAC systems, plumbing, electrical, fire alarm, and sprinkler systems in all the schools within Braxton County. Mechanical systems varied between the buildings from packaged rooftop at the small elementary schools to water source heat pumps at the middle school. The common aspect of each is the kitchen. Due to the large exhaust requirements, a 100% outside air unit was required. The challenge with these systems is air balance and unoccupied mode air conditioning and heating.



Owner Contact: **Braxton County Board of** Education 98 Carter Braxton Drive Sutton, WV 26601 304-765-7101

# Highland Hospital-Clarksburg HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler

## **Project Location:**

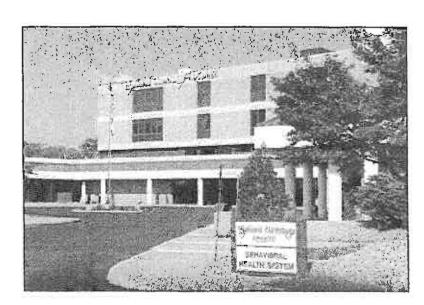
Clarksburg, Harrison County, West Virginia

# Project Budget:

\$32,000,000.00

## Description and Scope of Services:

This project was for the design of a new HVAC system for a new psychiatric hospital within the renovated main hospital. The project included commissioning the HVAC system. The mechanical system for the hospital is original to the building. It consists of a 4-pipe system with a central boiler and chiller plant. The challenge of this project was adapting the existing system for use in the renovated areas, while also keeping the other areas operational.



Owner Contact:
Highland Hospital
Mr. Mike Casdorph
3 Hospital Plaza
Clarksburg, WV 26301
304-969-3100

# **Dominion Goshen Road Facility** HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler

Project Location:

Monongalia County, West Virginia

**Project Budget:** 

\$4,573,000.00

Description and Scope of Services:

This project was a 17,000 SF office facility. This facility includes administrative office space, a large storage area, and garage. Thrasher and Harper teamed up for the HVAC, plumbing, electrical, fire alarm, and sprinkler system for this project.



Owner Contact: Dominion Resources Mr. Warren Green 445 West Main Street Clarksburg, WV 26301 304-669-4360