



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: 238636

Doc Description: Addendum 1- Window Replacement for Armories EOI Design

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-08-17	2016-09-01 13:30:00	CEOI 0603 ADJ1700000003	2

BIDDING INFORMATION

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

VENDOR

Vendor Name, Address and Telephone Number:
 The Thrasher Group, Inc.
 PO Box 940 | 600 White Oaks Blvd.
 Bridgeport, WV 26330
 304-624-4108

09/01/16 09:22:59
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

Jessica S Chambers
 (304) 558-0246
 jessica.s.chambers@wv.gov

Signature X *[Handwritten Signature]*

FEIN # 55-0633596

DATE 08-31-2016

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

ADDITIONAL INFORMATION

Addendum

Addendum No.01 Issued to publish and distribute the attached information to the vendor community.

The Acquisition and Contract Administration Section of the Purchasing Division is soliciting Expression(s) of Interest for the West Virginia Army National Guard Construction and Facilities Management Office from qualified firms to provide architectural/engineering services as defined herein.

BUYER	SHIP TO
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR CHARLESTON WV25311 US	DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR CHARLESTON WV 25311 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Window Replacement design services	0.00000	

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

Professional engineering design services to develop construction documents to provide for the replacement of Windows in the Armories located at Clarksburg, Martinsburg and Salem.

ADDENDUM ACKNOWLEDGEMENT FORM**SOLICITATION NO.:** CEOI 0603 ADJ1700000003

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.

The Thrasher Group, Inc.

Company_____
Authorized Signature

08-31-2016

Date

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

Revised 6/8/2012

THRASHER

September 1, 2016

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

RE: *Statement of Qualifications - Window Replacement for Armories EOI Design Services*
CEOI 0603 ADJ1700000003

Dear Selection Committee:

The Thrasher Group appreciates the opportunity to submit our qualifications for the window renovations to 3 West Virginia State Armories. Our company is fortunate to have a wide range of talents that is ideal for this type of project. Our experience with projects similar to this, coupled with our understanding of the intricacies involved with window renovation projects will be a tremendous benefit to the Army National Guard. In addition to our qualifications, our main office is located less than 25 minutes from both the Clarksburg Armory and the Salem Armory!

We are confident that we are the right firm for the project and will utilize the same project management principles that have been successful on other similar projects. With this said, it is imperative that your facilities remain in excellent condition. In order to guarantee this, regular maintenance is necessary to prevent deterioration over time. That's where Thrasher comes in. We specialize in renovation projects similar to this and will work with your team to make sure these armories look great for years to come.

We are looking forward to sharing our knowledge and experience with the Army National Guard. We've carefully and concisely responded to your request and assembled a familiar group of professionals to meet your project needs.

Sincerely,

THE THRASHER GROUP, INC.



CRAIG BAKER, CFP
Principal-in-Charge

The Thrasher Group, Inc.

Formed in 1983, Henry A. Thrasher and H. Wood Thrasher created Thrasher with a commitment to excellence and professionalism in engineering. As the leading consulting engineering firm in the state of West Virginia, Thrasher specializes in all facets of engineering from site development to public works projects.

In 2005, the company added architecture services to our ever-expanding list of capabilities. Thrasher then acquired the Marion County-based Blackwood Associates architectural firm in early 2014. Blackwood Associates brings over 40 years of experience throughout the state of West Virginia to the ever-growing Thrasher architecture division.

Throughout the past 5 years, Thrasher has added over 100 new employees to our organization. The company is growing at a rapid pace, and this has allowed us to bring aboard some of the most sought after talent around.

We believe that the partnership we establish with our clients is what makes them and their projects successful. This philosophy is the foundation of our growing company.



We have learned, regardless of our size, our commitment to this philosophy leads to successful projects.

*The Thrasher philosophy is
PARTNERSHIP.*

Main Point of Contact:
Mr. Craig Baker, CEFP
600 White Oaks Boulevard
P. O. Box 940
Bridgeport, WV 26330
Phone: 304-624-4108
Fax: 304-624-7831

Office Locations:
Bridgeport, WV
Beaver, WV
Charleston, WV
Oakland, MD
Fredericksburg, VA
Canton, OH

Thrasher Information:
Incorporated in 1983
www.thrashereng.com

THRASHER

The Thrasher Group, Inc.

With multi-discipline capabilities, Thrasher cover all of the professional services needed to deliver successful projects to both public and private clientele. The firms' roots were planted in civil engineering and consulting services for public utility projects. Over the years, our success has allowed us to branch out, expanding our services to meet both the needs of our clients and the growing need for more responsive and effective solutions.

By providing a full range of quality professional engineering, surveying, architectural, environmental and related field services, this partnership has positioned itself as one of the leading consulting teams in the Mid-Atlantic region.

Disciplinary Practices :

- Architecture
- Civil Engineering
- Water Treatment and Distribution
- Wastewater Collection and Treatment
- Land & Site Development
- Roadways / Bridges /Streetscapes
- Storm Water Systems
- Dams and Levees
- Land Planning and Landscape
- Parks and Recreation
- Survey
- Construction Monitoring
- Materials Testing
- Environmental Services
- Pipeline Inspection
- GIS Mapping Software Development

Areas of Service:

- Planning
- Preliminary engineering
- Funding direction & application assistance
- Regulatory permitting
- Design and construction document preparation
- Bid documentation & process oversight
- Construction administration & monitoring
- Post construction service & on-going commitment
- Cost estimating

Successful projects require more from an engineering firm than just technical design expertise. At Thrasher, our project managers and engineers focus on all aspects of "getting the job done."



ARCHITECTURE

Thrasher offers a broad range of architecture and building design services to suit the needs of each individual client. The team at Thrasher is sought after in a variety of markets: educational facilities, commercial and retail spaces, healthcare facilities, government buildings, banking and financial institutions, and industrial warehouses to name a few.

We have experience in numerous delivery systems including design-build, design-bid-build, and have worked with owners in developing preliminary packages for alternative selection.

At Thrasher we pride ourselves on aesthetic design while keeping our roots firmly planted in accurate cost estimating, budget control and sustainability. Fulfilling our clients' needs in a responsible and innovative way has earned our firm prestigious recognition throughout the Mid-Atlantic region.

ARCHITECTURAL EXPERTISE:

- Educational Facilities
- Public and Private Office Buildings
- Healthcare Facilities
- Financial Institutions
- Building Additions and Renovations
- Recreational Facilities
- Public Safety Buildings
- Single Family Residential Units
- Multiple Family Residential Units
- Historical Preservation
- LEED Certification

CONSTRUCTION MANAGEMENT

Effective management of our projects ensures that both clients and contractors work in an efficient and safe manner. From pre-construction activities such as bid conferences and surveys, to inspections, job progress reviews, through final completion, our goal is work that proceeds in accordance with plans and specifications.

At Thrasher, we inspect and manage a wide variety of projects designed by our firm in addition to projects for contractors and other designers. We have certified project representatives responsible for overseeing every element of design integrity. Our methods have earned the respect of not only our clients, but contractors and project owners alike.

CONSTRUCTION INSPECTION SERVICES:

- Construction Materials
- Structural Steel and Concrete
- Paving
- Drainage
- Embankments
- Work Zone Safety and Traffic Control
- Erosion and Soil Control

QUALITY CONTROL AND ASSURANCE METHODS:

- Regularly Scheduled Planning and Progress Meetings
- Engineering During Construction
- Daily Logs and Progress Sheets
- Cut Sheets
- Quantity Tracking

Project Approach

Mr. Kenton Blackwood will serve as your project manager, and brings over 32 years of experience with him to the Thrasher team. Helping Kenton oversee this project will be Craig Baker, CEPF. Craig has worked with the State of West Virginia in the past on several successful projects and will be heavily involved from a quality control perspective to ensure all your needs are met.

The combined teams first-hand knowledge of the intricacies involved with window renovation projects will make these project seamless and less burdensome on the State. The following steps will be used by our team throughout the projects.

Step 1. The first step will be to introduce the project team. Our highly qualified team of professionals will be available at all times to the Army National Guard through the completion of renovations to the 3 Armories.

Step 2. The second step will be refine the project scope. Our team will spend the required time to nail down your exact needs.

Step 3. The third step will be to establish a detailed project time-line. The step will consist of determining a schedule that is least disruptive to the day to day activities at the various armories.

Step 4. The fourth step will be to complete bidding documents and obtain competitive bids within our project budget.

Step 5. The fifth step in our project approach consists of staying involved until the post project reviews are complete.



Project Team



Craig Baker, CFP

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 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

Affiliations/Certifications:

- American Institute of Architects
- Council of Educational Facilities Planner
- West Virginia Energy Services Coalition

Related Experience Includes:

- **VA Building 7 Interior and Exterior Renovation** - Harrison County, West Virginia
- **Camp Upshur Marine Corps Base, Quantico, VA Interior Upgrades**- Prince William County, Virginia
- **McDowell County Board of Education Mt. View High School Window Replacement** - McDowell County, West Virginia
- **WV Board of Pharmacy New Office Renovations** - Harrison County, West Virginia
- **Mason Dixon Energy Fit-Out Project** - Harrison County, West Virginia
- **Marion County Health Department Interior and Exterior Renovations and Addition** - Marion County, West Virginia
- **Boy Scouts of America Welcome Center**- Fayette County, West Virginia



Kenton Blackwood, LEED AP Project Manager



Kenton Blackwood has more than 32 years of experience in the planning, design, bidding and construction of architectural projects throughout the State of West Virginia, and in the past decade he has designed and managed over \$81 million of construction. He joined Thrasher in 2014 and serves as a Senior Designer and Project Manager within the Architecture Department. Mr. Blackwood is well-versed in site evaluation and design, building program evaluation, planning and design, construction document development, bidding and construction administration, on-site construction observation, and is very knowledgeable in Fire/Life-Safety Code requirements, ADA/Accessibility Design Standards, and WVDOE 6200 Policy. He has extensive experience with WVSBA funded projects and is familiar with the agency's Policy and Procedures and Quality/Performance Standards.

Mr. Blackwood has an unsurpassed understanding of technological architectural media with his knowledge of vector-based 3D modeling and CAD applications. His proficiency with virtual-reality modeling allows Thrasher to take a client through a design, study different forms, lighting, color schemes and finishes to make revisions before the project begins.

Education:

- West Virginia University - Architectural curriculum

Affiliations/Certifications:

- LEED Accredited Professional
- Associate Member of American Institute of Architects

Related Experience Includes:

- **Hutchinson House Historic Restoration (AIA Craftmanship Award Winner)**- Marion County, West Virginia
- **Cottrill's Opera House** - Tucker County, West Virginia
- **Hennen Building Interior and Exterior Renovations** - Marion County, West Virginia
- **Veterans Square Plaza and Parking Garage (AIA Award Winner)** - Marion County, West Virginia
- **Buxton-Landstreet Building Interior and Exterior Renovations** - Tucker County, West Virginia



Lee Gustafson, AIA

Architecture QA/QC



Mr. Gustafson brings over 35 years of experience to the table in both design and architectural management. Lee has a diverse portfolio of work that spans all facets of architecture:

- Academic facilities
- Athletic complexes
- Healthcare facilities
- Government and community buildings
- Office buildings
- Senior centers
- Apartment complexes
- Religious buildings
- Industrial facilities
- Site development

Lee has a profound ability to take a client's vision and shape it into a project that is not only realistic, but is Eco-friendly and aesthetically pleasing. With his understanding of funding agencies and grant programs, Lee is able to provide funding alternatives that get projects under construction quick.

Education:

- Bachelors of Science, Architecture - University of Cincinnati

Registrations:

- American Institute of Architects (AIA)
 - State of West Virginia, Maryland, and Pennsylvania

Affiliations/Certifications:

- West Virginia Society of Architects
- AIA Committee on Architecture for Education
- AIA Committee on Architecture for Health Care
- AIA Committee on Architecture for Justice
- SHPO Listed and Approved for Historic Preservation Work
- National Council of Architectural Registration Boards

Related Experience Includes:

- **Camp Upshur Marine Corps Base, Quantico, VA Interior Upgrades-** Prince William County, Virginia
- **Fairmont State University Joe Retton Arena Renovation Project-** Marion County, West Virginia
- **Fairmont State University Hunt Haught Hall Interior and Exterior Renovations-** Marion County, West Virginia
- **Fairmont State University Feaster Center Addition and Interior Renovations-** Marion County, West Virginia



Matt Breakey, AIA, LEED AP, NCARB **Lead 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:

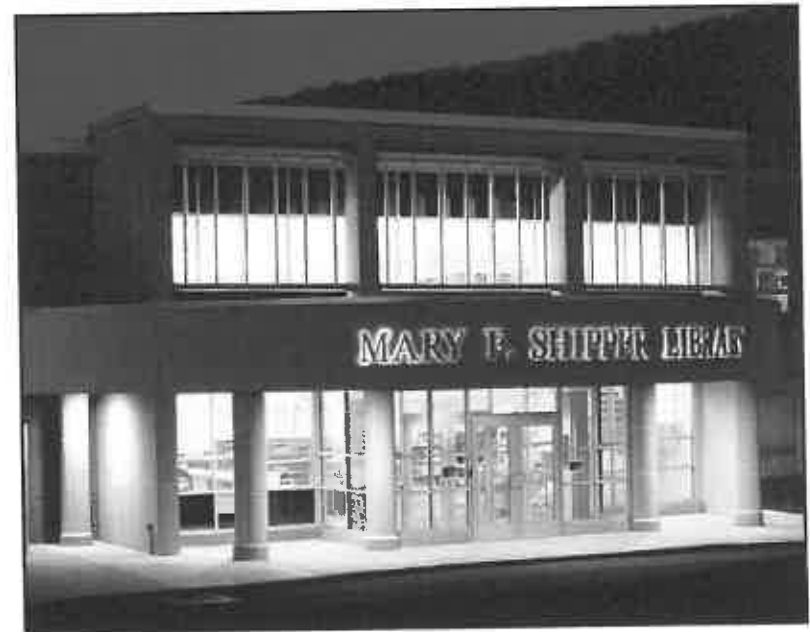
- Bachelors of Architecture - Pennsylvania State University
- Bachelors of Science, Architecture - Pennsylvania State University

Registrations and Certifications:

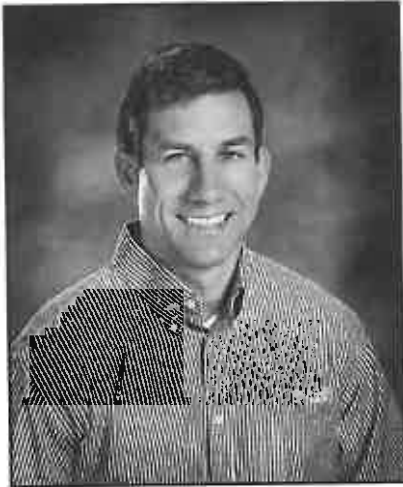
- Registered Architect:
 - States of West Virginia, Maryland, and Kentucky
- **WVHDF Fair Housing Act and ADA Training**
- **Green Housing Training**
- LEED Accredited Professional, US Green Building Council
- NCARB Certification
- American Institute of Architects (AIA)
- AIA West Virginia Chapter - member
- Council of Educational Facilities Planners International (CEFP)

Related Experience Includes:

- **The Greenbrier Resort Chapel** - Greenbrier County, West Virginia
- **Boy Scouts of America Welcome Center** - Fayetteville, West Virginia
- **WVU Engineering Sciences Building Lab Renovations** - Monongalia County, West Virginia
- **WVU Engineering Sciences Building Entrance** - Monongalia County, West Virginia



Jeff Gola, PE Structural Engineer



Jeff Gola, PE has built a successful portfolio of highway, community improvements, airports and commercial site development projects. He is experienced in all aspects of project control, form design and drafting to construction and project oversight. Jeff has an excellent understanding of bid processes and construction inspection.

Jeff's expertise in designing and planning roadways, bridges, sidewalks, retaining walls, utility plant structures, storm water management and demolition plans is exceptional. He has first hand knowledge in obtaining permits and their requirements. His understanding of erosion and sediment control make him an excellent project manager.

Education:

- Bachelor of Science, Civil Engineering - West Virginia University

Registrations:

- Registered Professional Engineer
 - States of West Virginia and Maryland

Affiliations/Certifications:

- American Society of Civil Engineers
- American Society of Highway Engineers
- City of Mannington Enforcement Board of Appeals
- Harrison County Planning Commission Board of Appeals

Highlighted Project Experience:

- **Dominion Resources HQ Facility** - Harrison County, West Virginia
- **Boy Scouts of America Welcome Center**- Fayette County, West Virginia
- **McDowell County Board of Education Mt. View High School Window Replacement** - McDowell County, West Virginia



Jeff Roberts

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.

Jeff 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:

- Bachelor of Science, Architectural Engineering - Fairmont State University

Affiliations/Certifications:

- Associate Member of AIA (American Institute of Architects)

Related Experience Includes:

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



Key Personnel Expertise

Licensed Architects

Matt Breakey, AIA, LEED AP

- Project Architect

Lee Gustafson, AIA

- Project Architect

Phillip Freeman, AIA

- Project Architect

Josh Lyons, AIA, LEED AP O+M

- Project Architect

Construction Administrators

Bill Ratcliffe, REFP

- Construction Estimator

Jeff Roberts

- Construction Estimator

Dave Smith, PE

- Building Construction Inspection

LEED AP Professionals

Kenton Blackwood, LEED AP

- Project Manager

Matt Breakey, AIA, LEED AP

- Lead Project Architect

Josh Lyons, LEED AP O+M

- Green Design Specialist

Dan Garvin, LEED AP BD+C

- Green Design Specialist

CJ Smith, LEED AP BD+C

- Green Design Specialist

Staff Experienced with BIM Design & Construction

Craig Baker, CEFP

- Principal-in-Charge

Kenton Blackwood, LEED AP

- Project Manager

Matt Breakey, AIA, LEED AP

- Project Architect

Josh Lyons, LEED AP O+M

- Green Design Specialist

Dan Garvin, LEED AP BD+C

- Green Design Specialist

CJ Smith, LEED AP BD+C

- Green Design Specialist

Ashley Shaver

- Intern Architect

Stacie Haythorn

- Interior Designer

Certified Building Commissioning Professionals

CJ Smith, LEED AP BD+C

- Certified Building Commissioning Professional

Project Management: Budgeting & Scheduling

Scheduling:

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Our team puts an extra emphasis on making sure our projects stay on schedule. One of the ways we accomplish this is by utilizing specialized scheduling software to track every stage of a project from design and bidding through construction completion.

We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is our number one goal and ensures occupancy and owner supplied equipment are scheduled accordingly.

Budgeting:

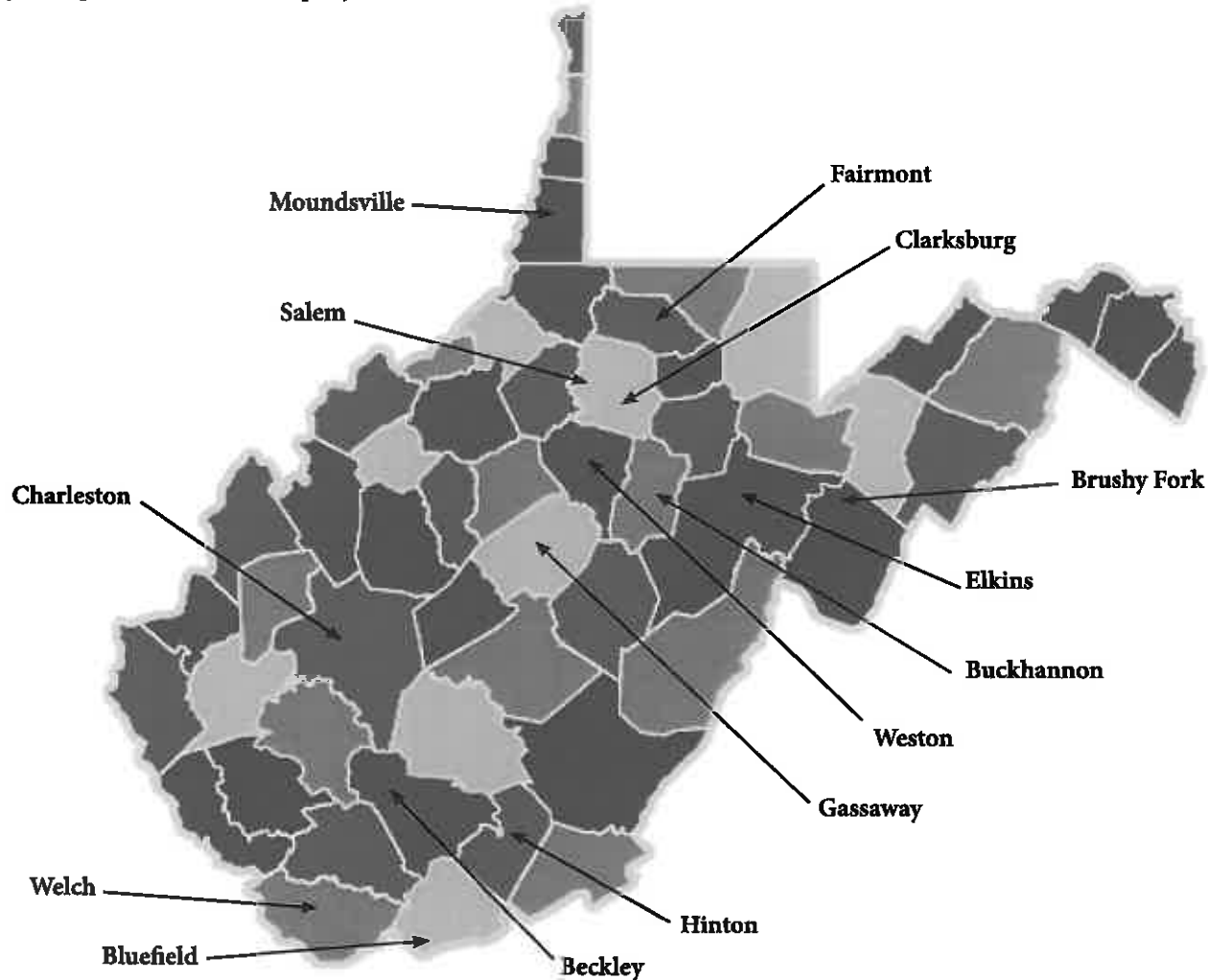
At Thrasher we take construction estimating and budgeting very seriously. As a matter of fact it is considered The most important facet of what we do. Without accurate budgets, there is no tool to guide the design process which is why we make cost estimating an integral part of the project from day one.

Our estimates go beyond the typical cost per square foot. At Thrasher we do contractor grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project. We also have a great understanding of the local market and material costs which allows us to accurately design to meet your budget.

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Thrasher's WVARNG Experience

While President of Gustafson & Associates, Inc., Lee Gustafson, Thrasher In-House Architect, completed renovation projects for approximately one-third of the Army National Guard Armories throughout the state of West Virginia. The work performed primarily included structural evaluations and investigation of laminated wood beam apparatuses, restroom upgrades to meet ADA compliance codes, fire alarm and life safety work, as well as the addition of stairwells and bleachers at some of the facilities. The map below shows the Armories where Mr. Gustafson has already completed renovation projects:



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Greenbrier County Board of Education Crichton Elementary School Window Replacement

Thrasher completed a complete window replacement at Crichton Elementary School to improve both energy efficiency and to create a new Safe Schools Entrance which is completely encased in glass to provide a clear view of incoming persons to the school. This project had to be completed on an accelerated schedule due to returning students to ensure safety and structural integrity.



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - 2015
Construction - 2016

c. Project Owner:

Greenbrier County Board of
Education

d. Reference Information:

Mr. Steve Kirk, Director of Facilities &
Maintenance
202 Chestnut Street
Lewisburg, WV 24901
304-667-7834

e. Thrasher Project Manager:

Matt Breakey, AIA, LEED AP

f. Goals/Objectives:

Bring building into compliance
with energy efficiency standards
by replacing all windows. Also
included was a new Safe School
Entrance encased in windows.

McDowell County Board of Education Mt. View High School Window Replacement

Thrasher completed a 140 window replacement project at Mount View High School in McDowell County. This project also required the replacement of all sills and jambs. This project significantly increased the buildings energy efficiency.



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - March 2014

Construction - August 2014

c. Project Owner:

McDowell County Board of
Education

d. Reference Information:

Mr. Will Chapman, Facilities Director
30 Central Avenue
Welch, WV 24801
304-436-8441

e. Thrasher Project Manager:

Craig Baker, CFP

f. Goals/Objectives:

Increase building's energy
efficiency through a complete
facility window replacement
including sill and jambs.

Fairmont State University Hunt Haught Hall Upgrades & Window Replacement

Thrasher provided all architectural services to plan, design, and provide construction administration for the renovation of Hunt Haught Hall at Fairmont State University. Renovations included replacement and repair of the glass curtainwall in the stair tower and numerous HVAC upgrades. Due to the fact the structure is over 30 years old and has endured abundant wear, the steel structure within the glass curtainwall had deteriorated from years of leaky windows and needed extensive work. The existing glass needed complete replacement to be compliant with energy efficiency guidelines set forth by FSU. The HVAC upgrades included the removal and replacement of existing roof top hot water boilers to comply with the energy standards.

The architectural team at Thrasher had to be mindful of several challenges while working on Hunt Haught Hall. The most important challenge was to avoid disrupting the everyday use of the facility. The team had to be fully aware of ingress and egress, safety concerns, as well as noise disruption during classes. Specific guidelines were developed and included into the bidding documents to allow a clear understanding of the expectations before bidding.

It was very important to FSU to keep the aesthetics of the building in tact and not to change its looks too drastically. As seen below, Thrasher was able to make the upgrades without sacrificing the buildings original feel.



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - May 2011

Construction - October 2011

c. Project Owner:

Fairmont State University

d. Reference Information:

Mr. Tom Tucker

Assistant VP of Facilities

1201 Locust Avenue

Fairmont, WV 26554

304-367-4861

e. Thrasher Project Manager:

Craig Baker, CEFP

f. Goals/Objectives:

Bring building into compliance with energy efficiency standards by replacing windows.

WV Department of Health & Human Resources Hopemont Hospital Upgrades & Window Replacement

This project consisted of major exterior upgrades at Hopemont Hospital in Preston County. The performed work included removal of all existing windows and insulated panels and complete replacement of the metal support system and flashing with proper thermal break material. The work also includes the installation of new energy efficient panels and reinstallation of the existing windows



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - 2008

Construction - 2008

c. Project Owner:

WV Department of Health & Human
Resources

d. Reference Information:

Mr. David Hildreth
304-558-3062

e. Thrasher Project Manager:

Kenton Blackwood, LEED AP

f. Goals/Objectives:

Increase building's energy
efficiency through a complete
facility window replacement
and the installation of energy
efficient panels.

Fairmont State University Natatorium Window Replacement

For this project, Thrasher did a complete window replacement as a result of structural deficiencies and to bring the building into energy compliance with campus code.

The project was unique in nature because the window replacement coincided with classes, so the accelerated schedule only allowed for a 2 month period to get all the replacements complete. Some of the new windows are clear story while others are sliding entry windows.



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - 2013

Construction - 2014

c. Project Owner:

Fairmont State University

d. Reference Information:

Mr. Tom Tucker

Assistant VP of Facilities

1201 Locust Avenue

Fairmont, WV 26554

304-367-4861

e. Thrasher Project Manager:

Jeff Roberts

f. Goals/Objectives:

Increase structural integrity
and energy efficiency through a
complete window replacement.

Taylor County Courthouse Window Replacement

In 2010, the Taylor County Commission hired Thrasher to do a complete facility window replacement on the existing historic courthouse. This project required Thrasher to abide by rigorous historic preservation specifications through the Department of Interiors.

Thrasher replaced all of the windows in the courthouse while maintaining aesthetic continuity with the existing structure. Interior energy panels were added to the new windows to bring them up to code without detracting from the building's historic nature.



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - 2010

Construction - 2011

c. Project Owner:

Taylor County Commission

d. Reference Information:

Mr. Rusty Efaw, Commissioner
214 West Main Street
Grafton, WV 26354
304-265-1401

e. Thrasher Project Manager:

Lee Gustafson, AIA

f. Goals/Objectives:

Historic preservation of the existing courthouse while still bringing the building into compliance with energy efficiency regulations.

WV Department of Health & Human Resources Hopemont Hospital Upgrades & Window Replacement

This project consisted of major exterior upgrades at Hopemont Hospital in Preston County. The performed work included removal of all existing windows and insulated panels and complete replacement of the metal support system and flashing with proper thermal break material. The work also includes the installation of new energy efficient panels and reinstallation of the existing windows



a. Services Provided:

- Design
- Bidding
- Construction

**b. Design Contractual-Dates/
Construction Completion Dates:**

Design - 2008

Construction - 2008

c. Project Owner:

WV Department of Health & Human
Resources

d. Reference Information:

Mr. David Hildreth
304-558-3062

e. Thrasher Project Manager:

Kenton Blackwood, LEED AP

f. Goals/Objectives:

Increase building's energy
efficiency through a complete
facility window replacement
and the installation of energy
efficient panels.

References

Dominion Resources

Mr. Warren Green
*Facilities Project
Coordinator*
925 White Oaks Blvd.
Bridgeport, WV 26330
304-669-4360

City of Grafton

Mr. Kevin Stead
City Manager
11 East Main Street
Grafton, WV 26534
304-265-1412

Marion County Health

Department
Mr. Lloyd White
Director
300 2nd Street
Fairmont, WV 26554
304-366-3360



THRASHER