

THRASHER ENGINEERING



Expression of Interest & Statement of Qualifications

Prepared for

**West Virginia Department
of Transportation – Division
of Public Transit**

Providing

***Architectural and Engineering
Services***

for

***RFQ# PRT12004
Bluefield Area Transit***

October 27, 2011

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CLARKSBURG, WV
CHARLESTON, WV
BECKLEY, WV
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October 27, 2011

West Virginia Division of Public Transit
 c/o Mr. Frank Whittaker
 WV Department of Administration / Division of Purchasing
 Building 15
 2019 Washington Street, East
 Charleston, WV 25305-0130

**RE: *Expression of Interest for Architectural/ Engineering Services –
 RFQ # PTR12004 Bluefield Area Transit***

To Whom It May Concern:

Thrasher Engineering, Inc. (TEI) appreciates the opportunity to express our interest in providing services to the West Virginia Department of Transportation / Division of Public Transit. As you may know, TEI has provided a very high quality of engineering services to the Department of Transportation for many years. We added architectural design to our services in 2005, and since that time, our architecture staff has grown to serve numerous clients throughout West Virginia. We believe you will find that our architectural experience and expertise will assure you of a quality project completed on time and within budget.

In addition to our technical and practical expertise, our team offers many qualifications that make us the right choice for your project, including:

- ❖ ***Experience with Metal Building Design:*** Our team offers over thirty years of architectural design experience. We have designed offices for various public facilities and therefore are aware of the specific needs and are extremely sensitive to costs and budgets. Our abilities in this area are demonstrated in the Related Prior Experience section of this proposal.
- ❖ ***Full Service:*** TEI offers the full civil engineering and architectural complement of services necessary for this project in-house. We will sub-contract the Mechanical-Electrical- Plumbing engineering services to Harper Engineering, a St. Albans based firm with whom we frequently work.
- ❖ ***Priority:*** Although our architectural design team has over forty years of combined experience, we are a young and growing firm. By virtue of that, our current work load will allow us to place this project as a priority. We will work as a team with you to determine your needs and design the rehabilitations to meet and exceed your expectations and the regulations required of state agencies.

WV Division of Public Transit
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- ❖ **Cost Accounting System:** TEI does utilize a cost-accounting system that is capable of segregating and identifying accumulating costs for cost type projects.

We are aware of, and comply with Title VI of the Civil Rights Act of 1954, Executive Order 11246, Section 109 of the Housing and Urban Development Act of 1968, Conflict of Interest Statement and Access to Records provisions and all other requirements as they relate to federal and state funded projects.

Enclosed please find an original plus five (5) copies of our proposal containing ***Qualifications Management and Staffing Capabilities, Related Prior Experience and References along with our No Debt affidavit and other required Bid Forms.***

The Thrasher Engineering, Inc. team looks forward to the opportunity to meet with you to discuss how we can contribute to the success of this project.

Sincerely,

THRASHER ENGINEERING, INC.



CRAIG BAKER, Associate AIA
Project Manager

STATEMENT OF QUALIFICATIONS

Thrasher Engineering, Inc. (TEI) provides the West Virginia Purchasing Division, on behalf of the West Virginia Division of Public Transit, the advantage of providing the full scope of services for the renovation of an existing building with the possibility of demolishing the current administration portion of the building under single corporate management.

Founded in 1983, TEI, a West Virginia owned and operated full-service company has provided engineering design and construction services for infrastructure throughout the State of West Virginia. Throughout our 28-year history, TEI provided site development planning and engineering design services for many successful projects, working with numerous architectural firms and contractors. Based on that success, in 2004, we added architectural design to the scope of services we provide in-house.



ARCHITECTURAL / ENGINEERING QUALIFICATIONS

Exceptional customer service, versatility, quality and experience are the benefits realized by the selection of TEI.

Our architects bring over 40 years of experience to the project; a balance of aesthetics, functional design and maintainability is the base of their design. The civil engineering team, working with the architects, offers the structural, utilities, and landscape architecture segments.

In addition to our ability to provide the necessary services for architecture, civil engineering and field services under single corporate management, Thrasher Engineering, Inc.'s selection brings the following benefits to the Bluefield Area Transit.

- ❑ We offer an approach to architectural projects different from that of other firms. Our engineering emphasis on the details of construction bidding documents for our design, in addition to the design itself, results in **more accurate bids and fewer change orders - bringing cost savings to our clients**.
- ❑ Our proven abilities in the design and construction of structures to meet the needs of a variety of clients and our solid track record of site development engineering will be of great benefit as we will lend this expertise to the architectural design team.
- ❑ We offer **a teamwork process**. Our communication with the project owner is the key to providing design and construction services **on-time and within budget**.

SERVICES

ARCHITECTURE

With over 40 years of combined experience, our architecture team bases their work on a balance of aesthetics with functional design and maintainability. TEI offers the following services that relate to the project:

- ❖ **Project Management**
- ❖ **Space Analysis**
- ❖ **Preliminary Review and Final Design**
- ❖ **Regulatory Agency Permit Application**
- ❖ **Preparation of Construction and Bidding Documents**
- ❖ **Construction Inspection and Oversight**
- ❖ **Construction Administration**

The additional services TEI will offer in relation to the Transit's project include structural engineering, and construction management / inspection and materials testing.



SITE DEVELOPMENT

Over the past five years, TEI has planned, surveyed, designed and provided construction management services for over 30 site development projects for both public and private clients. Projects ranging from sites for residential housing to business and industrial parks to multi-purpose "live, work and play" communities are included in its range of site development projects.

Their objective in site development engineering is to go beyond just the engineering aspect of the project; they work as a team with clients to understand their present and future needs. With that information, the team works with them to evaluate site locations that best suit their short and long-term goals.



TEI provides the full spectrum of engineering services necessary to develop sites that provide the infrastructure needed:

- Site Selection and Evaluation
- Survey
- Roadways
- Sidewalks
- Utilities (water, sewer, storm sewer, gas, electric and telecommunications)

SURVEY

The Land Surveying department of TEI performs a wide range of services, not only in conjunction with engineering projects, but independently for both public and private clients. The types of surveys performed include:

- Construction layout for buildings, site development projects, highways, railroads, sanitary sewer systems and water and wastewater treatment plants
- Right-of-way/Easement surveying.
- Pre and post mine subsidence surveys
- GPS ground control surveys for aerial mapping
- Landfill closure surveys
- Topographic surveys
- Lake and river sounding surveys
- Boundary surveys
- ALTA/ACSM surveys
- Pre and post blasting surveys
- Aerial Photography



CONSTRUCTION MANAGEMENT

Knowledgeable and experienced personnel necessary to manage the construction phase are assigned to each of our projects.

Project managers and inspectors are experienced in all types of construction activities. From utilities, site development and storm water management to roads, bridges and airports, they apply construction management and inspection expertise to ensure successful projects. Both construction managers and inspectors have years of experience; many of whom are certified by the West Virginia Department of Transportation / Division of Highways for roadwork and materials testing.

Construction Management and Project Administration Services include:

- Site Layout
- Construction Stakeout
- Inspection
- Quality Control

MATERIALS TESTING

TEI's Materials Testing Department is capable of performing a wide range of field and laboratory tests. The laboratory at our Clarksburg, WV office is certified both nationally and by the State of West Virginia. Additionally, engineers and technicians who perform tests both in the field and in the lab are certified by the State.

Services Include:

- Concrete Testing and Inspection
- Soil Testing and Inspection
- Aggregate Testing and Inspection
- Mortar and Grout
- Paint Coatings
- Sprayed-on Fireproofing
- Subsidence Inspecting
- Caisson and Piling Inspection
- Asphalt



The firm's competence, specifically in the area of qualified construction observers has been demonstrated by recognition and awards presented for their performance.

These awards include the following from the West Virginia Department of Transportation / Division of Highways:

- 2006 – *Statewide Inspection - Engineering Excellence*
- 2004 – *Statewide Inspection - Engineering Excellence*
- 2005 - *Statewide Inspection - Engineering Excellence Finalist*
- 2002 - *Inspection Excellence - Specific Project - Meadowbrook Road*
- 2001 - *Inspection Excellence - Specific Project – South High Street Bridge*

TEI's WVDOH certified testing laboratory includes nuclear density gauges, gas detectors, and compression testing and proctor machines.

MANAGEMENT AND STAFFING CAPABILITIES

The expertise of the TEI team is a combination of education and experience; it is reflected in all aspects of our services. The firm is led by a talented group of principals and partners who are dedicated to the success of our projects and the satisfaction of our clients.

Serving as Principal-In-Charge, will be **Chad Riley, P.E.** He received his Bachelor of Science in Civil Engineering Technology from Fairmont State University and oversees architectural and site development projects, many of which include the design and construction of buildings. Mr. Riley has experience working with architects on the structural aspects of site development projects.

Craig Baker, Associate AIA, will serve as **Project Manager**; in this capacity, he will be the Bluefield Area Transit's primary point of contact and be responsible for the administrative aspects including cost control, and project schedule. Mr. Baker received his B.S. in Architectural Engineering at Fairmont State University in 2001 and his A.S. in Architectural Engineering at Fairmont State University in 1999.

Lee Gustafson, AIA will be the Senior Architect for this project. Mr. Gustafson is a graduate of the University of Cincinnati, with a Bachelor of Science degree in Architecture. Through his practice, Mr. Gustafson has extensive experience in the design and oversight of construction for numerous projects in the state of West Virginia. In this capacity he will design and oversee all work performed by any sub-consultants.

Serving as **Project Engineer** for structural and site development aspects will be **Jeff Gola, P.E.** He is a Summa Cum Laude graduate of West Virginia University where he received his Bachelor of Science Degree in Civil Engineering. He serves as both a Project Manager and Project Engineer for site development and structural projects for the firm.

In the capacity of **Manager of Materials Testing and Inspection** for TEI, **Aaron Denham** will be responsible for the assignment of testing personnel and quality control of materials and compaction testing during construction. He has 7 years of experience in the testing field, including FSU's parking garage, dormitory, student center and engineering technical building, along with all of the new facilities on the WVU Health Sciences campus. He has been with TEI since 2000 and holds a Bachelor of Science Degree from Fairmont State University with a B.S. Degree in Civil Engineering Technology.

Any necessary **Mechanical-Electrical-Plumbing** aspects of the design will be under the direction of **Jason Harper, P.E., LEED, owner and principal of Harper Engineering, Inc.** Mr. Harper is a graduate of West Virginia Institute of Technology with a Bachelor of Science degree in Mechanical Engineering. He is a Registered Professional Engineer in the State of West Virginia. Additional members of the Harper MEP team include Kevin Mark King, PE, LEED, and Scott Phillips. Mr. King brings 6 years of electrical design experience and over 10 years of electrical construction/maintenance experience to our team, while Mr. Phillips will apply 26 years of plumbing design to the projects. Their projects include educational facilities (including colleges and universities), healthcare facilities, commercial buildings, office buildings, emergency services facilities, government buildings and industrial projects.

PROJECT TEAM MANAGEMENT AND STAFFING

Thrasher Engineering, Inc. has put together a team to address the West Virginia Division of Public Transit's Project that has experience and technical knowledge that will allow for a successful, time- and cost-efficient project unsurpassed in West Virginia. The team will utilize the broad experience of TEI's staff of professional Engineers, CADD operators, construction managers, survey teams, testing personnel and administration staff to provide you with a successful project. This organizational chart is followed by personal profiles of each team member.

West Virginia Division of Public Transit

**Chad M. Riley, P.E. / Partner
Principal-In-Charge**

**Craig Baker, Associate AIA
Project Manager**

**Jeff Gola, P.E.
Site Development /
Structural Engineering**

**Lee O. Gustafson, AIA
Senior Architect**

**Aaron Denham,
Construction Management /
Materials Testing Manager**

**HARPER ENGINEERING
Mechanical-Electrical-Plumbing
Jason Harper, P.E., LEED
Principal-in-Charge
HVAC Design**

**Kevin Mark King, P.E., LEED
Electrical , Telecommunications
and Fire Alarm Design**

**Scott Phillips
Plumbing and Sprinkler System Design**

**Thrasher Engineering
In-House Survey Services**

CHAD MITCHELL RILEY, P.E. PRINCIPAL-IN-CHARGE



Mr. Riley joined Thrasher Engineering in 1996 and became a partner in the firm in 2004. His past experience with the firm has included survey and construction management / inspection responsibilities; he now holds the responsibility of Site Development Manager and lead engineer for site development projects. The focus of these projects is for the development of industrial and business parks, multi-use developments and long-term, multi-phase infrastructure improvement and building projects. He has extensive experience in working with both Federal and State funding agencies, including the US Department of Commerce, Economic Development Authority and the State of West Virginia Development Office.

REPRESENTATIVE PROJECTS

Mr. Riley is currently, or has served, as Project Manager for numerous economic development projects throughout the State of West Virginia. In this capacity, he holds ultimate responsibility for client communication, engineering design, funding issues, construction document preparation, bidding, and construction management.

SITE DEVELOPMENT PROJECTS:

- ❑ FAIRMONT STATE UNIVERSITY: 10-YEAR INFRASTRUCTURE IMPROVEMENTS PROJECT:
 - Utilities, Roadways, Sidewalks, Storm Drainage, Utility Relocation
 - Parking Garage
 - Falcon Center (Student Activity Center)
 - Bryant Place Dormitory
- ❑ RALEIGH COUNTY MEMORIAL AIRPORT INDUSTRIAL PARK
- ❑ McDOWELL COUNTY PRISON
- ❑ PINECREST BUSINESS AND TECHNOLOGY PARK –RALEIGH COUNTY, WV
- ❑ WOLF CREEK PARK “LIVE, WORK AND PLAY” COMMUNITY – FAYETTE COUNTY, WV
- ❑ CHARLES POINTE DEVELOPMENT – BRIDGEPORT, WV
 - Mass Grading, Roadways, Sidewalks, Utilities
 - Conference Center
- ❑ WOOD PRODUCTS INDUSTRIAL PARK – MINGO COUNTY, WV
- ❑ PUTNAM COUNTY INDUSTRIAL PARK
- ❑ BELINGTON INDUSTRIAL PARK – BARBOUR COUNTY, WV
- ❑ FEDERAL BUREAU OF PRISONS
 - Glenville Correctional Institute – Gilmer County, WV
 - Canaan U.S. Penitentiary / Federal Prison Camp

EDUCATION

FAIRMONT STATE UNIVERSITY – Bachelor of Science, Civil Engineering Technology

REGISTRATIONS

- ❑ Registered Professional Engineer, State of West Virginia
- ❑ Registered Professional Engineer, State of Maryland
- ❑ WVDOH Certified Concrete Technician
- ❑ WVDOH Certified Compaction Technician

AFFILIATIONS

- ❑ Fairmont State University Technology Advisory Committee

CRAIG M. BAKER, ASSOCIATE AIA, PROJECT MANAGER



Mr. Baker serves Project Manager for numerous public and private architectural projects throughout the State of West Virginia. In this capacity, he holds responsibility for client communication, scheduling, construction document preparation, bidding, and construction management.

- Rahall Center at the Woodlands (Beckley, WV)
- Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- Pea Ridge Public Service District Service Building
- Mon Valley Bank (Bridgeport and Martinsburg, WV)
- Horizon Church, Lost Creek, WV
- Cortland Acres Medical Records Department, Thomas WV
- Oak Hill Police Station, Oak Hill, WV
- Glenville State Convocation Center, Glenville, WV
- Morgantown AES Credit Union, Morgantown, WV
- Elkins Hospice Center, Elkins, WV
- GSA/ Co-op Office, Martinsburg, WV
- GSA / Public Defenders Office, Martinsburg, WV

REPRESENTATIVE PROJECTS

Past Experience (Other Firms):

- Fieldcrest Hall Renovations, West Virginia University, Morgantown WV
- Grant Franklin Jr. M.D Office Building, Fairmont WV
- Bridgeport City Building, Bridgeport, WV
- Therapy Services, Morgantown, WV
- Uniontown Senior Housing Facility, Uniontown, PA
- Willowdale Mixed Use Facility, Morgantown, WV
- F.B.I Fingerprint Facility, Fairmont, WV
- Med Express Urgent Care, Morgantown, WV
- Mon Schools Foundation Bus Garage, Morgantown, WV
- Burroughs Street Senior Housing Facility, Morgantown, WV
- Texas Roadhouse Restaurants, Morgantown, Clarksburg WV & Greensburg, Washington PA

EDUCATION

Bachelor of Science—Architecture Engineering Fairmont State University

AFFILIATIONS

- American Institute of Architects- Associate

LEE O. GUSTAFSON, AIA LEAD ARCHITECT



Prior to joining Thrasher Engineering in 2005, Mr. Gustafson a sole-proprietorship firm specializing in educational and health care facilities. Additionally, he provides architectural services for military installations, apartment complexes, office buildings and structures associated with Thrasher Engineering's site development projects.

A graduate of the University of Cincinnati, Mr. Gustafson brings over thirty years of experience to the team, with over twenty-five of those years designing and managing projects throughout the State of West Virginia.

RESPRESENTATIVE PROJECTS

- Rahall Center at the Woodlands
- Lumberport Volunteer Fire Department
- Spelter Volunteer Fire Department
- Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- Mon Valley Bank (Bridgeport , Fairmont and Martinsburg, WV)
- Horizon Church, Lost Creek, WV
- Cortland Acres Medical Records Department, Thomas WV
- S.T.A.R Training Facility, Parkersburg, WV
- Glenville State Convocation Center, Glenville, WV
- West Virginia University Eye Institute; New Construction
- West Virginia University Ruby Memorial Hospital; Renovations
- Salem International University Randolph Hall, ADA Compliance and Fire Code Upgrades
- Erickson Alumni Center; New Construction
- Horizon Church and Education Complex; New Construction
- United Hospital Center; Renovation, ADA Compliance and Fire Code Upgrades
- William R. Sharpe, Jr. Hospital; Renovation, ADA Compliance and Fire Code Upgrades
- Grant County Nursing Home; New Construction, Additions and Renovations
- Tucker County Senior Center, New Construction
- Harrison County Board of Education

EDUCATION

Bachelor of Science, Architecture, 1975 - University of Cincinnati

REGISTRATION

- American Institute of Architects (AIA), State of West Virginia
- Certification, National Council of Architectural Registration

AFFILIATIONS

- West Virginia Society of Architects
- A.I.A. Committee on Architecture for Education
- A.I.A. Committee on Architecture for Health Care
- A.I.A. Committee on Architecture for Justice

JEFF GOLA, P.E. PROJECT ENGINEER



Mr. Gola joined Thrasher Engineering in 1998 and serves as Project Engineer for the firm. He is responsible for the structural aspects and engineering design for all of the firm's WVDOT/DOH projects, as well as airport, site development, road, sidewalk, storm water management and demolition projects. Mr. Gola also performs hydrology studies and analysis in conjunction with projects and is experienced as a project inspector.

Mr. Gola is a Summa Cum Laude graduate of West Virginia University's College of Engineering and Mineral Resources.

REPRESENTATIVE PROJECTS

- Project Engineer - Site Development
- Fairmont State University; Storm water Management Project / Roadways / Sidewalks / Retaining Walls / Parking
- City of Bridgeport; Old Bridgeport Hill Storm water Collection System Upgrade
- Harrison-Marion Regional Airport; 20-Year Master Plan and Projects Involved with that Plan
- Raleigh County Memorial Airport
 - Master Plan Update and Various Projects Involved in that Plan
 - Raleigh County Memorial Airport Industrial Park
- City of Mannington; Demolition
- City of Pleasant Valley; Sidewalks
- Greystone Development
- Appalachian Timber Asphalt Company
- WVDOT/DOH Projects
- South High Street Bridge; Inspection
- Elizabeth Bridge; Inspection
- I-279 North Bridgeport Bypass; Temporary Pollution Control
- Indian Fork Bridge; Design and Hydraulic Analysis
- Corridor H; Design of Roadway and Bridges
- Musselman High School; Turn Lane Design
- Verner Bridge Replacement; Design and Analysis
- Jakes Run Bridge
- King Coal Highway

EDUCATION

Bachelor of Science, Civil Engineering, 1998 (Summa Cum Laude)

West Virginia University College of Engineering and Mineral Resources

ADDITIONAL TRAINING

- Surveying; Transportation Technology
- Highway Engineering; Water Quality Management
- Hydrology, Fluid Mechanics, Soil Mechanics
- Material, Structural Analysis, Concrete Foundation, Steel Design

REGISTRATIONS

- Registered Professional Engineer, State of West Virginia

AFFILIATIONS

- American Society of Civil Engineers
- City of Mannington Code Enforcement Appeal Board
- National Society of Professional Engineers
- Society of Military Engineers

AARON DENHAM, MANAGER OF CONSTRUCTION MGMT / INSPECTION / MATERIALS TESTING



Mr. Denham joined Thrasher Engineering in 2000 and serves as Manager of Materials Testing and Inspection for the firm. He is responsible for quality control of materials and compaction testing for numerous federal, state and private projects, in addition to the field and laboratory testing. Thrasher Engineering's two materials testing laboratories are under Mr. Denham's supervision, as well. Additionally, he has managed both Quality Control and Quality Assurance Programs for many structural and federal aviation construction projects. Mr. Denham's staff includes over 30 project representatives and inspectors.

REPRESENTATIVE PROJECTS

STRUCTURES:

- Ruby Memorial Hospital
- Fairmont State University; Parking Garage, Activity Center, Student Dormitory
- American Woodmark; Plant Facility
- Institute for Software Research
- I-68 Welcome Center
- Coopers Rock Weigh Station
- Airport Authority Metal Equipment Storage Building; Lead Inspector & Testing
- Health Science Learning Center
- WV National Cemetery Expansion
- Institute for Scientific Research
- I-68 Welcome Center
- Stockmeier Urethanes

SITE DEVELOPMENT PROJECTS:

- Raleigh County Memorial Airport Industrial Park
- Fairmont State University: Utilities, Roadways, Sidewalks, Storm Drainage, Utility Relocation
- Robert C. Byrd Industrial Park – Hardy County, WV
- Kulseth Industrial Park – Marion County, WV
- I-79 Industrial Park – Marion County, WV
- Webster County Industrial Park
- Mingo County Industrial Park
- Putnam County Industrial Park

EDUCATION

B.S. Civil Engineering Technology, 1999 – Fairmont State University

REGISTRATIONS / CERTIFICATIONS

- WVDOH Compaction Inspector
- WVDOH Aggregate Technician/Inspector
- WVDOH Bituminous Inspector/Technician
- WVDOH Radiation Safety
- Troxler Basic Safety – Nuclear Compaction Gauge
- WVDOH Concrete Inspector/Technician
- WVDOH Aggregate Sampling Inspector

JASON E. HARPER, PE, LEED
President
(304)-541-1390
jason@harperengwv.com

Jason E. Harper, PE, LEED brings 5 years design experience to our team. He has experience with HVAC and piping 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

- ❑ *West Virginia University Institute of Technology Montgomery, WV
Bachelor of Science-Mechanical Engineering*

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

- ❑ *WV Licensed Professional Engineer*
- ❑ *LEED Green Associate*
- ❑ *ASHRAE*

EXPERIENCE - REPRESENTATIVE PROJECTS

Summersville Readiness Center

Independence High School HVAC

Lewisburg Readiness Center

Liberty High School HVAC

WVARNG Fire Station

Grafton High School Addition

Mylan Pharmaceuticals Expansion

Robert Byrd Health Science Center

Raleigh Co. 911 Center

TMH MRI Addition- Ashton Place

Kevin Mark King, PE, LEED brings 6 years of electrical design experience and over 10 years of electrical construction/maintenance experience to our firm. His projects include educational facilities (including colleges and universities), healthcare facilities, office buildings, emergency services facilities, government buildings and industrial projects.

EDUCATION

West Virginia University Institute of Technology *Montgomery, WV*
Bachelor of Science-Electrical Engineering

Bluefield State College *Bluefield, WV*
Bachelor of Science-Computer Science

Wytheville Community College *Wytheville, VA*
Associate Applied Science – Computer Information Systems

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

WV licensed Professional Engineer
WV licensed Master Electrician
LEED Green Associate

REPRESENTATIVE PROJECT EXPERIENCE

<i>Raleigh Co. 911 Center</i>	<i>Independence High School HVAC</i>
<i>Mason County 911Center</i>	<i>WVU Tech Printing Innovation Center</i>
<i>WVARNG Fire Station</i>	<i>Talcott Elementary School</i>
<i>Sissonville Middle School</i>	<i>Greenbrier West High School Renov.</i>

Scott D. Phillips brings 26 years design experience to our firm. He has experience with plumbing and fire suppression 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.

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

American Society of Plumbing Engineers

REPRESENTATIVE PROJECT EXPERIENCE

*Renovations to Glenville ES
301 Virginia Street Alpha and Bravo
Terra Alta ES Fire Alarm
Oak Hill Police Station
Berkeley Testing Lab
Dominion Gas Office Building
Raleigh Co. BOE Credit Union*

*City of St Marys WWTP
Renovations to Burnsville ES
Timber's Lodge
Thrasher Engineering Office Addition
Moses Factory Outlet- Teays Valley
WVU Housing Sanitary Replacement
Renovations to Davis ES*

RELATED PRIOR EXPERIENCE

As stated previously, TEI's experience cuts across a broad spectrum of sizes and clients. To best demonstrate how our experience best meets the needs of the West Virginia Public Transit, we have focused our examples on projects involving civil and structural engineering, pre-engineered buildings, architectural design and construction management that will have comparable services required to successfully complete the Transit's project.

CONCLUSION

TEI's philosophy of "*Successful Projects, Repeat Clientele*" is founded on the principle of client satisfaction and repeat business. We do what it takes to assure satisfaction and to ensure project success, and want to continue to work with the **West Virginia Division of Public Transit** to provide the necessary architectural and engineering services to your infrastructure.

HORIZONS CHURCH & EDUCATION COMPLEX, LOST CREEK, WV

This project encompassed the design of a new 26,000 square foot pre-engineered metal and masonry building for the Horizons Church, with 12,000 square feet for the 800 seat sanctuary and 14,000 for the Educational and Fellowship Wing. This includes classrooms, the Youth Recreation Center, a kitchen, a dining/café area, meeting rooms, a nursery, rest rooms, and the Youth Worship Center. The sanctuary and stage are fully equipped for a wide variety of multi-media productions.

Construction has just been completed for a new 22,000 square foot pre-engineered metal and masonry building addition.

Client:
Horizons Church Complex

Location:
Rt 25 & Mount Clare Road
Lost Creek, WV 26385

Phone: (304) 745-5090

Budget:
\$3,000,000

Building Size:
48,000 Square Feet





Administration Office

Scope of Services:

- ❑ Civil and structural engineering, architectural and interior design and construction oversight for a 2,624 Square foot administration and customer service building for the Pea Ridge Public Service District.
- ❑ Building design was masonry with metal roof.
- ❑ Interior included customer service area with payment window, administrative offices, break room with built-in cabinetry, conference room and restrooms.

Engineer's Construction Estimate: \$315,000

Construction Cost Low Bid: \$319,000.00



Service Building Extension

Scope of Services:

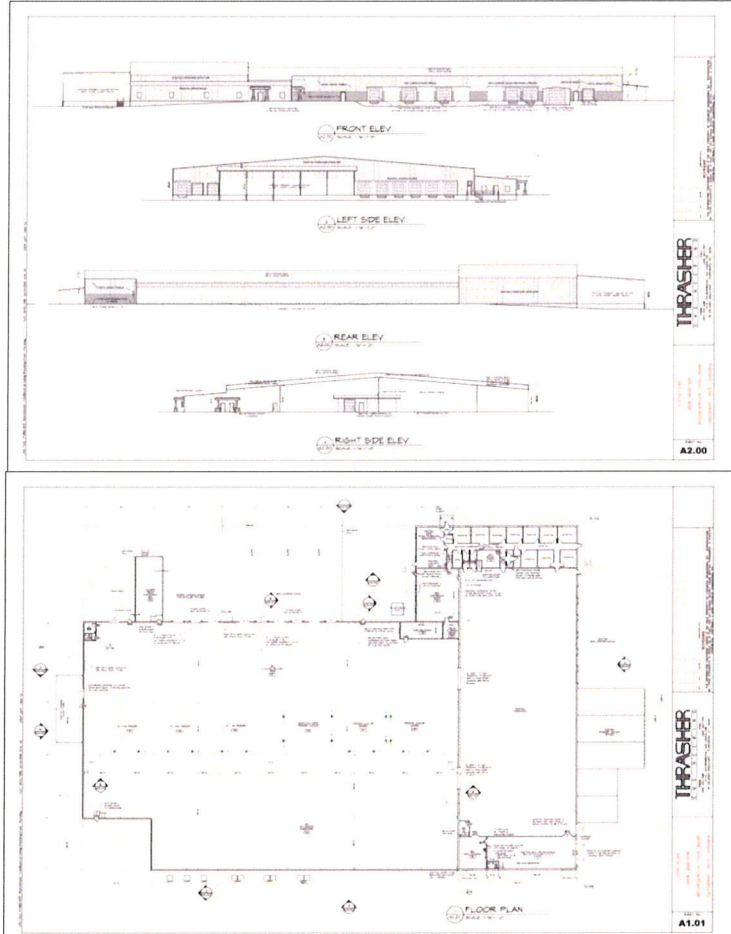
Civil and structural engineering, architectural and interior design and construction oversight for a 10,000 Square foot pre-engineered wood service building. The contract specification included all associated site utility construction including electrical, sewer, water, and telephone/data as well as replacement of roof on existing garage facility to match the new building.

Engineer's Construction Estimate: \$927,000.00

Construction Cost Low Bid: \$635,000.00



MOUNTAINEER FOOD BANK

**Client:**

Mountaineer Food Bank
484 Enterprise Drive
Gassaway, WV 26624

Contact:

Carla Nardella

Project Status:

In Design
Slated to start Construction March 2011

Building Size:

Warehouse: 36,000 Square Feet
Coolers / Freezers: 10,000 Square Feet

The Mountaineer Food Bank requested services for a facility expansion project. Thrasher Engineering is relocating the existing exhaust to allow for an addition in the rear of the facility. TEI is also creating additional cooler and freezer space of 10,000 square feet.

Scope of Services: This project includes preliminary plans and costs, preparation of construction plans and specifications, preparation of bidding and contract documents, participation in the evaluation of bids received, and monitoring and inspection of construction activities to insure compliance with plans and specifications.

SPELTER VOLUNTEER FIRE DEPARTMENT, SPELTER, WV

Scope of Services:

This project consists of designing the new Spelter Volunteer Fire Department Building. This building is a 10,000 sq. foot pre-engineered metal building. The scope of services provided for this project includes interior drawings and detailing.

Features and amenities of this building include six-vehicle garage to store fire rescue vehicles, apparatus storage, facilities and a community room.



Client:

Spelter Volunteer Fire Department
55 B Street Spelter, WV 26438

Phone: 304-622-8256

Location:

Harrison County, WV

Project Cost:

\$360,000

Building Size:

10,000 Square Feet

CITY OF OAK HILL POLICE DEPARTMENT, OAK HILL, WV



This project consists of planning, design and development of contract and bidding documents along with Construction oversight for the new Oak Hill West Virginia Police Department building. Interior drawings and detailing were also included

This facility is a 6500 square foot masonry and split face structure. Features of this building include a Haz-mat room, secure firearms room, evidence and evidence processing rooms, holding, booking and interrogation rooms along with shower facilities, exercise room and offices.

The project is complete.



Client:

City of Oak Hill, West Virginia
Oak Hill Police Department
100 Kelly Ave.
P.O. Box 1245
Oak Hill, WV 25901
(304) 465-0596
(304) 465-0729 FAX

Michael W. Whisman Jr. - Chief

Project Cost:

\$1,450,000.00

Building Size:

6500 Square Feet



Administration Office and Warehouse

Scope of Services:

- Civil and structural engineering, architectural and interior design and construction oversight for a 3,200 Square foot administration and warehouse facility
- Building design was pre-engineered metal
- Interior includes offices, garage bays, storage areas and restrooms.
- Engineer’s Construction Estimate: \$162,000.00**
- Construction Cost Low Bid: \$155,174.00**
- The project is complete.**

Client:

Dominion

Warren Green

Dominion Resources Services Inc.

445 West Main Street

Clarksburg, WV 26301

Phone: (304) 669-4360



NORTH CENTRAL WEST VIRGINIA AIRPORT / BENEDUM AIRPORT AUTHORITY – AARF BUILDING

In 2006, TEI completed a 1.3 million dollar project consisting of site development work and the construction of an ARFF building at North Central West Virginia Regional Airport. The 8400 sq. ft. building houses two snow plows, a snow broom, a snow blower and a fire truck.

PROJECT OWNER'S INFORMATION –

**NORTH CENTRAL WV REGIONAL AIRPORT / BENEDUM
AIRPORT AUTHORITY
MR. RICK ROCK, ACTING GENERAL MANAGER
TELEPHONE NUMBER: 304-842-3200**

ADDITIONAL NORTH CENTRAL WEST VIRGINIA AIRPORT PROJECTS

NORTH CENTRAL WEST VIRGINIA AIRPORT 20-YEAR MASTER PLAN

AIP Project #3-54-0005-2301 –Thrasher Engineering has served as the Engineer for the North Central West Virginia Airport (formerly Harrison -Marion Regional Airport / Benedum Airport) for over seven years. The working team relationship we have established has allowed for on-going improvements to the facility.

The Development of this Plan Included:

- **Inventory of Existing Facilities**
- **Historic Data and Projections for Aviation Demand**
- **Demographic Trends**
- **Commercial Service Industry Trends**
- **Aviation Forecasts**
- **Demand / Capacity Analysis**
- **Accommodation Requirements**
- **Alternatives and Planned Layout**



REFERENCES

TEI has provided the highest level of technical expertise and customer service to clients throughout the state for 27 years. The majority of the firm's clients have used the firm for numerous projects over the years, adding credence to the firm's philosophy of **"Successful Projects, Repeat Clientele."** The following references are some you may be very familiar with, while others are long-term clients we invite you to contact to learn more about our commitment to our clients.

- ❑ **Mayor Bill Hannabass** (304) 465-1992
Mayor of Oak Hill, WV
Oak Hill Police Station
- ❑ **Ms. Judy Radford** (304) 254-8115
Executive Director
4-C Economic Development Authority
Beckley, West Virginia
- ❑ **Mon Valley Bank**
Bridgeport Branch Office
Larry Mazza – Manager (304) 842-6700
- ❑ **Fayette County Commission** (304) 574-1203
Commissioner Ken Eskew
Mr. Dave Pollard
- ❑ **Fairmont State University** (304) 367-4861
Jim Decker, Construction Manager
Fairmont, WV
- ❑ **State of West Virginia Fire Commission** (304) 588-2191
Mr. Edsil Smith, Fire Marshall



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

Request for Quotation

RFQ NUMBER
PTR12004

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE
 Thrasher Engineering, Inc.
 30 Columbia Boulevard
 PO Box 1532
 Clarksburg, WV 26301

SHIP TO

DIVISION OF PUBLIC TRANSIT
 BLUEFIELD TRANSIT SYSTEM
 1642 BLUEFIELD AVENUE
 BLUEFIELD, WV
 24701 304-327-8418

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/30/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF PUBLIC TRANSIT IS SOLICITING EXPRESSIONS OF INTEREST FROM QUALIFIED FIRMS TO PROVIDE ARCHITECTURAL AND ENGINEERING SERVICES FOR RENOVATION/CONSTRUCTION OF THE BLUEFIELD TRANSIT FACILITY PER THE ATTACHED. ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/13/2011. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Carl Be...</i>	TELEPHONE 304-624-4108	DATE 10/27/11
TITLE Project Manager	FEIN 55-0633596-6	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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	Thrasher Engineering, Inc.
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<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ. NO.: PTR12004</p> <p>BID OPENING DATE: 10/27/2011</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-624-7831</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): Craig Baker</p> <p>-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-624-4108	DATE 10/27/11
TITLE Project Manager	FEIN 55-0633596-6	ADDRESS CHANGES TO BE NOTED ABOVE

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09/30/2011				

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ PTR12004 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-624-4108	DATE 10/27/11
TITLE Project Manager	FEIN 55-0633596-6	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Spending Unit: Division of Public Transit
Department of Transportation

BID FORM #6

RFQ No. PTR12004

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Thrasher Engineering, Inc.

Authorized Signature [Signature] Date: 10/27/11

State of West Virginia

County of Harrison, to-wit:

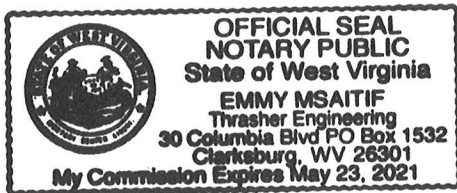
Taken, subscribed, and sworn to before me this 26th day of October, 2011.

My Commission expires May 23, _____, 2021

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]





State of West Virginia
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 Purchasing Division
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/21/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 ***** THIS ADDENDUM IS ISSUED TO: 1) CLARIFY THE INFORMATION THAT SHOULD BE CONTAINED ON THE OUTSIDE OF THE VENDOR'S EOI THE OUTSIDE OF THE ENVELOPE OR PACKAGE(S) SHOULD BE CLEARLY MARKED: BUYER: 44 REQ#: PTR12004 BID OPENING DATE: 10/27/2011 BID OPENING TIME: 1:30 PM 2) PROVIDE THE SCHEDULE OF EVENTS THAT WAS OMITTED FROM SECTION 1.16 OF THE EOI IN ERROR. SECTION 1.16 IS CHANGED AS FOLLOWS: 1.16 SCHEDULE OF EVENTS: RELEASE OF THE EOI 09/30/2011 FIRMS WRITTEN QUESTION SUBMISSION DEADLINE 10/13/2011 ADDENDUM ISSUED TBD EXPRESSION OF INTEREST OPENING DATE 10/27/2011 ESTIMATED DATE FOR INTERVIEWS TBD ***** END ADDENDUM NO. 1 *****						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-624-4108	DATE 10/27/11
TITLE Project Manager	FEIN 55-0633596-6	ADDRESS CHANGES TO BE NOTED ABOVE

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0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ PTR12004 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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