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Header

List View

General Information Contact Default Values Discount Document Information

Procurement Folder: 153038

SO Doc Code: CEOI

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0506

Vendor ID: 00000229419

SO Doc ID: HHR160000002

Legal Name: MILLER ENGINEERING INC

Published Date: 2/5/16

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Close Date: 2/25/16

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Solicitation Description: Addendum 01 EOI for professional engineering services

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 153038

Solicitation Description : Addendum 01 EOI for professional engineering services

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2016-02-25 13:30:00	SR 0506 ESR02231600000003779	1

VENDOR

000000229419
 MILLER ENGINEERING INC

FOR INFORMATION CONTACT THE BUYER

Beth Collins
 (304) 558-2157
 beth.a.collins@wv.gov

Signature X FEIN # DATE

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional engineering services				\$0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description : 4.1 Project A: Hopemont Hospital

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Professional engineering services				\$0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description : 4.2 Project B: Mildred Mitchell-Bateman Hospital



Response to Expression of Interest

**Hopemont Hospital Boilers & Mildred Mitchell-
Bateman Hospital Generator**

CEOI HHR 1600000002

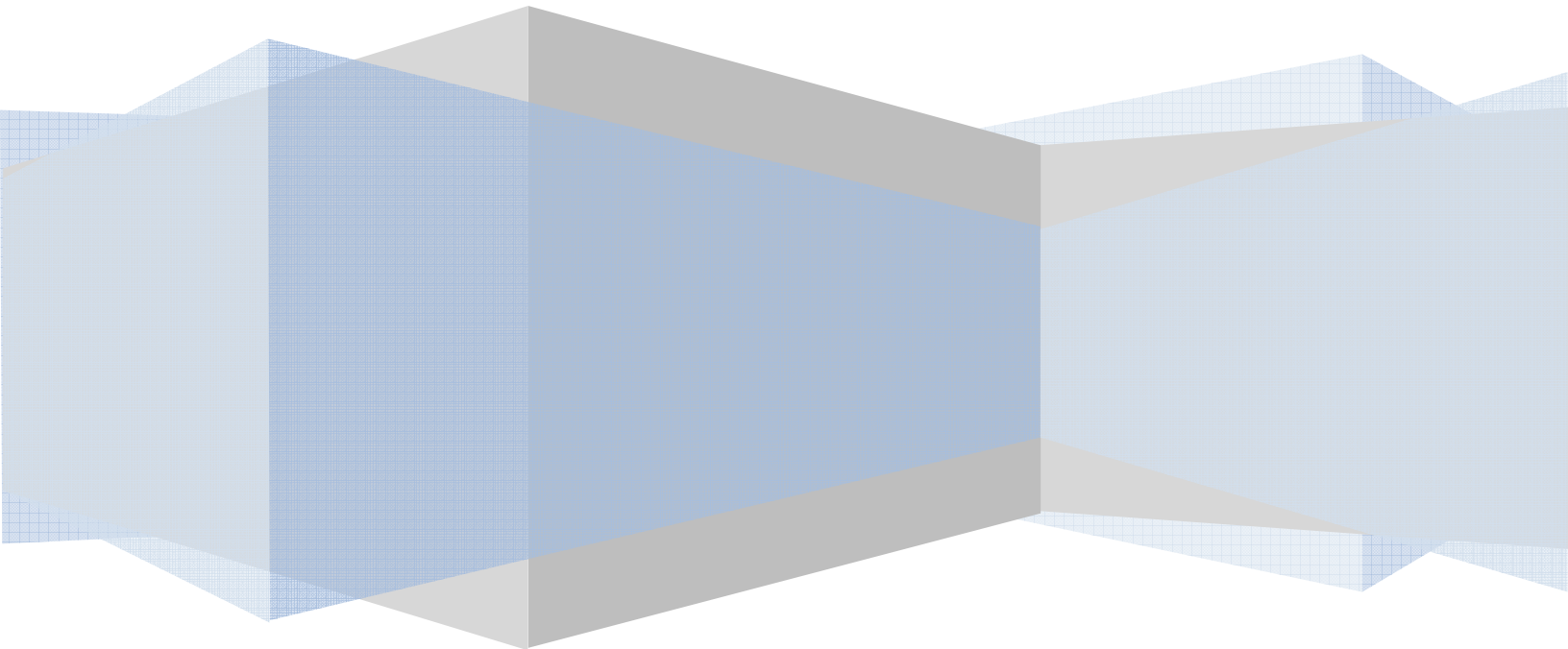


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The Miller Engineering Difference



When people ask me what it is exactly we do here at Miller Engineering, I like to explain our craft as “the stuff that makes people’s eyes roll into the back of their heads when we go into detail”. Our work isn’t exciting or pretty – it’s the behind-the-scenes stuff that makes the pretty, exciting facilities functional – but we know we’ve done the job right if nobody knows we were ever there.

I founded Miller Engineering in 2002 when, after 6 years working for West Virginia University and 20 years spent in facilities operation and maintenance, I decided it was time to provide a solution that was different by design. We’re not your typical MEP firm; we ensure our designs meet very specific, time-tested criteria, including but not limited to being constructible, operable and maintainable. It’s an improved process that, in short, helps owners and their staffs effectively operate and maintain their systems. We want to set up our clients to be self-sufficient, but we work to be available every step of the way.

Our hands-on staff takes great pride in their construction and operations backgrounds, which help us see the project as being constructed instead of just lines on paper. We don’t sit clients down and lecture to them about what they’re going to get; we listen to them so we can strive to deliver exactly what they want and need. It costs too much time and money (for both our clients and us) to not deliver exceptional service every single time, and we work tirelessly to keep projects on time and on budget. We’re proud to say that our change order percentage over the last 8 years is less than 0.1%, and that’s not just a statistic; it’s a proclamation of our commitment and determination to make sure things are done right the first time, every time.

I want to personally thank you for reviewing our proposal and giving us the opportunity to learn more about you and earn your business. Miller Engineering would be privileged to add you to our long history of satisfied customers. If you have any questions for me directly, please don’t hesitate to reach out to me at 304-291-2234, cmiller@millereng.net or stop by our new office at 240 Scott Avenue Suite 1.

Best regards,

A handwritten signature in blue ink, appearing to read 'Craig Miller', written over a horizontal line.

Craig Miller
President/Owner
Miller Engineering, Inc.

Miller Engineering, Inc.

Firm Profile

Our engineered solutions involve a detailed assessment process: investigation, observation, communication with stakeholders, system analysis, building modeling and engagement from our entire team. We approach each and every project with this process and the guiding principle that buildings are designed to be livable and function in their intended purpose.

Over the past 13 years Miller Engineering, Inc. (MEI) has engineered solutions for over \$20.1M in mechanical system upgrades, repairs and renovations for projects of all scopes and sizes, with clients ranging from private owners to local and state governments.

*With a strict attention to detail and commitment to delivering a job done well and done right the first time, every time, **MEI has accumulated a change order percentage of less than 0.1% over the past 8 years.***

Our team has unique skill-sets regarding engineered renovation solutions. Each member of the team has hands-on mechanical system experience including installation, construction, design and maintenance.

*Miller Engineering takes pride in being **different by design** and that difference shines through in all phases of our work and continued relationships with our clients.*

Additional Benefits

- Experienced and Licensed Professional Engineers
- Quality, Value-Engineered Project Delivery
- Qualified Construction Representative on Staff
- LEED-AP Certified
- Below Industry Change Order Status
- Building Information Modeling
- Interactive Solutions Provider
- Emergency Facility Response

Engineering Design and Consultation

- Mechanical
- Electrical
- Plumbing
- HVAC Design
- Renovation
- New Construction

Aquatic Facility Design

Public Pools & Areas
ADA Compliance
Indoor & Outdoor (air flow)
Chlorination/Filtration

Construction Administration

Maintenance/Facility Improvement Plans
Contract Administration
Code Observation

Communication System

Intercomm & Public Address
Voice/Data/CATV
Urgent Response

Energy

Power Supply (main & backup)
Green & Renewable Consulting
Systems Utilization & Upgrades
Sustainable Solutions

Facility Utilization

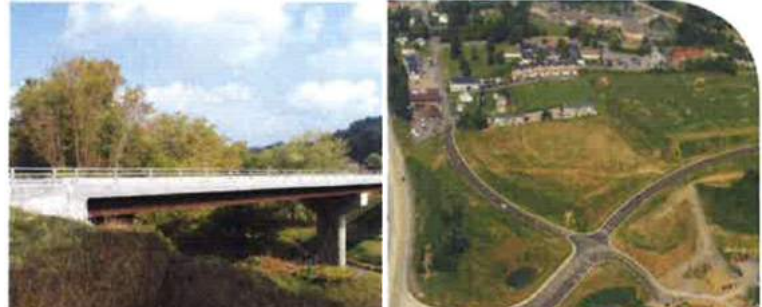
Systems Assessment & Solutions
Adaptive Re-use
Planning/Life-Cycle Control
Engineered Replacement

Life Safety Inspection/Design

Fire Protection & Alarm Systems
Access Control
Fire & Electrical Investigation

Industry Experience

Education
Local & State Government
Commercial Development
Healthcare
Public Pools (indoor & outdoor)
Department of Parks & Recreation



FIRM PROFILE

Firm Profile

FIRM NAME

Alpha Associates, Incorporated

OFFICE LOCATIONS:

209 Prairie Avenue
Morgantown, West Virginia 26501

535 West King Street
Martinsburg, West Virginia 25401

2506 Kanawha Blvd. East
Charleston, West Virginia 25311

INCORPORATED

1969; Morgantown, WV

FIRM PRINCIPALS

Richard A. Colebank, PE, PS; President and COO
Richard W. Klein, PE, PS; Chairman and CEO
Charles B. Luttrell, PE; Principal
Charles B. Branch, PE; Principal

NUMBER OF EMPLOYEES

26 Employees

SERVICES

Architectural Design
Civil Engineering
Structural Engineering
Surveying
Interior Design
Landscape Architecture
Construction Administration



Alpha Associates, Incorporated was established in 1969 and since that time has completed hundreds of projects throughout Morgantown and the state of West Virginia. Alpha's Corporate Office is located in Morgantown with our Eastern Regional Office located in Martinsburg.

think  **Alpha** first.com

Staff – Qualifications and Experience



B. Craig Miller, PE

Craig founded Miller Engineering in 2003, and serves as President and Principal Engineer. He has more than 20 years experience in design, specification, operations and project management. During his employment with WVU, Craig was directly involved with approximately \$130 million in new capital construction. His experience with a wide range of projects including HVAC, electrical, plumbing, infrastructure upgrades, building automation, energy efficiency and maintenance/renovation, among others, allows him to serve in multiple capacities within a given project. Craig will serve as the “Relationship Manager” for Miller Engineering as the main design and communication interface between the Owner, design team, contractors and end users.

Project Role: Relationship Manager – Primary Point of Contact

- *Engineer in Responsible Charge*
- *Design and Project Management of Mechanical, Electrical, Plumbing Projects*
- *Concept and Construction Design*
- *Business Operations and Financial Management Oversight*
- *Quality Assurance and Control*

Experience in Completing Similar Projects

- *Building 25 – HVAC Piping Upgrade*
- *Pipestem State Park – HVAC Piping Upgrade*
- *Bobtown Elementary School – HVAC Upgrade*
- *Suncrest Middle School Gym – HVAC Piping Upgrade*
- *Mapletown Junior/Senior High School – HVAC Upgrade*
- *North Elementary School – Boiler Replacement*

Professional History

2003- Present	Miller Engineering, Inc.	President, Relationship Manager
2002-2003	Casto Technical Services	Existing Building Services Staff Engineer
2001-2002	Uniontown Hospital	Supervisor of Engineering
1995-2001	West Virginia University	Staff Engineer
1990-1995	BOPARC	Caretaker – Krepps Park
1983-1988	University of Charleston	Electrician/HVAC Mechanic

Education

1995	West Virginia University	BS- Mechanical Engineering
1988	University of Charleston	BA- Mass Communications

Licenses and Certifications

- Professional Engineer (West Virginia, Pennsylvania, Maryland, and Ohio)
- Licensed Master Plumber
- LEED-AP Certified

Staff – Qualifications and Experience



Travis Taylor, PE

Experience in project management facilitates Travis’s ability to create and design constructible projects. Prior to joining the Miller Engineering team he was directly responsible for managing \$10 million in electrical construction budgets. His experiences encompass both new construction and renovation. Travis maintains professional competencies by attending seminars and continuing education classes. As lead engineer he provides HVAC, mechanical, plumbing and electrical design solutions and services for our clients. In addition, he is part of our team’s complete assessment process in both planning and MEP design through construction administration. Travis will be the backup point of contact, copied on all communication throughout the project, providing redundancy and faster, more coordinated responses.

Project Role: Lead MEP Engineer

- *Design of Mechanical, Electrical, and Plumbing Systems*
- *Constructible Materials Evaluation*
- *Site Evaluation and Mechanical System Review*
- *Submittal and RFP Review*
- *RFI Coordination, Review, and Response*
- *Construction Observation*

Experience in Completing Similar Projects

- *Building 25 – HVAC Piping Upgrade*
- *Pipestem State Park – HVAC Piping Upgrade*
- *Bobtown Elementary School – HVAC Upgrade*
- *Suncrest Middle School Gym – HVAC Piping Upgrade*
- *North Elementary School – Boiler Replacement*

Professional History

2011-Present	Miller Engineering, Inc.	Staff Engineer
2006-2011	Tri-County Electric, Co.	Project Manager
2006-2006	Schlumberger	Field Engineer Trainee - MWD

Education

2006	West Virginia University	BS – Mechanical Engineering
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Licenses and Certifications

- Professional Engineer - State of West Virginia
- OSHA 10-hour Course: Construction Safety & Health

Staff – Qualifications and Experience



Robert Angus

20 Years of maintenance, operations and construction management precede Rob’s engagement with Miller Engineering. Professional expertise of construction project management was gained as an owner of his own contracting company specializing in residential and commercial construction, electrical, plumbing and HVAC projects. Rob’s hands-on approach, common sense and valuable work history knowledge enables him to interface with construction personnel seamlessly alongside engineers and architects. He is adept at preventing and handling issues. Rob is involved at the estimation phase to allow for continuity within the project’s design and construction.

Project Role: Project Construction Representative

- *Construction Project Representation and Management*
- *Project Cost Estimation*
- *Submittal Review*
- *RFI, RFPCO Review and Response*

Experience in Completing Similar Projects

- *Building 25 – HVAC Piping Upgrade*
- *Pipestem State Park – HVAC Piping Upgrade*
- *Bobtown Elementary School – HVAC Upgrade*
- *Suncrest Middle School Gym – HVAC Piping Upgrade*
- *North Elementary School – Boiler Replacement*

Professional History

2009- Present	Miller Engineering, Inc.	Project Construction Representative
2000-2009	Angus Contracting, LLC	Owner/Operator
1991-2000	BOPARC	Director of Maintenance

Education

2000	Monongalia County Technical Education Center	Heating, Cooling, and Refrigeration Certification
1996	West Virginia University	Recreation and Parks Administration

Licenses and Certifications

- Licensed West Virginia General Contractor
- Licensed West Virginia HVAC Contractor
- Certified HVAC Mechanic Contractor
- Licensed West Virginia Journeyman Electrician
- Licensed West Virginia Master Plumber
- OSHA 10-Hour Construction Safety & Health

Staff – Qualifications and Experience



Jack Jamison

Jack brings 15 years as an electrical/building inspector and over 25 years of experience in the commercial electrical construction industry. His knowledge and experience are valuable resources to Miller's complete assessment process.

Project Role: Master Code Official

- Facility Review, Code Research, Field Observations, Issue Resolutions, and Project Evaluation

Professional History

2010- Present	Miller Engineering, Inc.	Code and Construction Specialist
1999-2010	Megco Inspections	Chief Inspector
1972-1998	Jamison Electrical Construction	Master Electrician

Education

1971 Fairmont State College, BS-Engineering Technology-Electronics

Licenses and Certifications

- Master Code Professional, IAEI Master Electrical Inspector, Class C Electrical Inspector – WV, PA, MD, & OH
- ICC Commercial Building, Building Plans, Commercial Plumbing, Residential Energy, and Accessibility Inspector/Examiner
- WV Master Electricians License
- NCPCCI-2B, 2C, 4B, 4C: Electrical & Mechanical General/Plan Review
- OSHA 30 Hour Course: General Industry
- NFPA Code Making Panel 14 – NEC 2014 Edition



Joseph Machnik

Joe has experience with AutoCAD, MEP and Revit MEP. He provides design modeling, drafting and supervised design services and construction support for Miller Engineering.

Project Role: Lead Designer

Revit/CADD Coordination of New Construction and Renovation Designs

Experience in Completing Similar Projects

- *Building 25 – HVAC Piping Upgrade*
- *Mapletown Junior/Senior High School – HVAC Upgrade*

Professional History

2010 – Present	Miller Engineering, Inc.	MEP Designer
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Education

- 2008 Penn State – Fayette, AS - Building Engineering Systems Technology: *Building Environmental Systems Technology*
- 2007 Penn State – Fayette, AS - Building Engineering Systems Technology: *Architectural Engineering Technology*



ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has been made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with the WVU Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications.



PROFILE

Broad-based responsibilities in the following areas:

- Bridge Structural Design and Analysis
- Innovative Bridge Materials Applications
- Building Structural Design and Analysis
- Historical Restoration and Evaluations

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

- Alumni Center Structural Framing and Foundation; WVU
- Engineering Science Building, East Wing Addition, WVU
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV
- Alderson Broaddus College, Rex Pyles Arena Deck; Philippi, WV
- Mountaineer Middle School Renovation; Morgantown, WV
- Salem International Building Inspections; Salem, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge, Morgantown, WV
- Ices Ferry Bridge, Morgantown, WV



ALPHA RESUMES

Thomas Pritts, AIA, LEED- AP Associate, Architect

SUMMARY

Mr. Pritts is a licensed Architect who joined the Alpha Associates, Incorporated staff in the Morgantown office in 2004. His involvement in projects in West Virginia's Eastern Panhandle facilitated his relocation to Cumberland, MD in 2008 to better serve clients in that area. In 2008 he received his LEED Accredited Professional Certification from the USGBC and Construction Document Technologist designation from the Construction Specification Institute. Mr. Pritts has become a valuable asset to Alpha Associates with broad experience in K-12 and higher educational design, commercial design and programmatic development.



PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Programmatic Development
- Green Building Design

PROFESSIONAL HIGHLIGHTS

Higher Educational Facilities

- WVU CPASS and Student Health Building; Morgantown, WV
- Glenville State Skybox; Glenville, WV
- Potomac State College, ADA Connector Link; Keyser, WV
- Engineering Science Building, East Wing Addition, WVU
- Potomac State College, Library Fac.;ade Replacement, Keyser, WV
- Potomac State College, McKee Arts Center Plaza; Keyser, WV

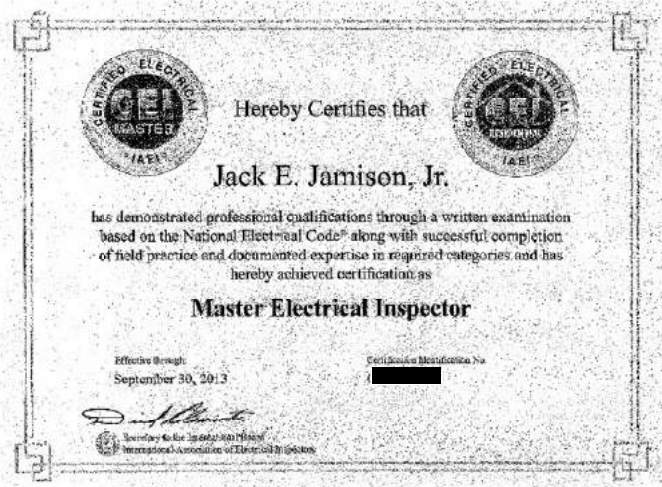
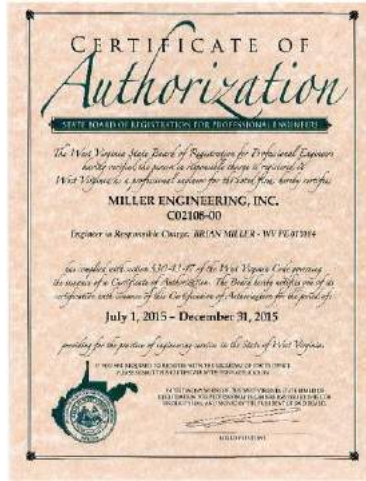
K-12 Educational Facilities:

- Huff Consolidated School; Hanover, WV
- Aurora Elementary School Addition; Preston County, WV
- Riverview High School Football Fieldhouse; McDowell County, WV
- Washington High School; Charles Town, WV
- Monongalia County Schools - School Access Safety; Morgantown, WV
- Pineville Elementary School; Wyoming County, WV

Miscellaneous:

- Harry Green Nissan; Clarksburg, WV
- Martinsburg Wastewater Treatment Plant; Martinsburg, WV
- Bavarian Inn Pool; Shepherdstown, WV
- Fairmont Federal Credit Union; Bridgeport, WV
- Clear Mountain Bank, Reedsville Branch; Reedsville, WV
- Clear Mountain Bank, Oakland Branch; Oakland, MD
- Jefferson County Emergency Operations Building; Ranson, WV
- Eastern Panhandle Transit Authority Renovation; Martinsburg, WV
- Elkins Chrysler Dodge Jeep Ram; Elkins, WV

Staff – Certifications and Degrees Applicable to this Project



Staff – Proposed Staffing Plan

Team Leader	<i>Craig Miller, PE</i>
Primary Point of Contact	<i>Craig Miller, PE</i>
Engineer in Responsible Charge	<i>Craig Miller, PE</i>
Lead MEP Engineer	<i>Travis Taylor, PE</i>
Project Construction Representative	<i>Robert Angus</i>
Master Code Official	<i>Jack Jamison</i>
Lead Designer	<i>Joseph Machnik</i>
Structural Support	<i>Charles Luttrell, PE</i>
Architectural Support	<i>Thomas Pritts, AIA, LEED-AP</i>

Descriptions of Past Projects Completed – HVAC Upgrade

West Virginia State Building 25

Parkersburg, WV

Services Provided:

- Mechanical Piping
- Electric
- Construction Administration

Estimated Budget: \$843k

Facility Area: 58,500 ft²

**Owner: State of West Virginia –
General Services Division**



The PVC piping system at Building 25 had a history of leaking, along with smaller piping sagging over time and breaking, prompting the owner to replace the entire system. The building was a logistic challenge to design due to offset multi-level mezzanines, resulting in low deck-to-deck heights in the lower levels. A new, rolled-groove piping system was installed, including a new cooling tower and supporting structure, and connected to the original boilers. To eliminate the problems associated with manganese, which forms solids and clogs piping, the system was converted from water to propylene glycol with the flow rates adjusted to accommodate the change.

MEI designed a phased approach to accomplish the piping, which was adjusted in consultation with the owner and contractor during construction to minimize the impact on the building occupants, who remained in the building during the entire construction period. MEI worked on an almost daily basis with the contractor to accomplish the re-piping of the building, providing support and real-time answers to questions and to work around challenges.

Project Contact:
*David Parsons, Operations and
Maintenance Manager
State Capitol, Room E-119
(304) 957-7122*

Descriptions of Past Projects Completed – MEP

Mapletown Junior/Senior High School

Services Provided:

- HVAC Design and Renovation
- Energy Savings of \$50,000 in the First Year

Estimated Budget: \$1.2M

Facility Area: 18,500 ft²

Owner: Southeastern Greene School District



A field study determined that multiple systems within the structure were degenerated, lacking capacity, unreliable and inefficient. The goal of the project was to apply the best systems to the facility that will balance cost, reliability, improve function and provide long-term energy efficiency. The Miller Engineering project planning method utilized computer modeling of the building and its current systems in order to generate options to fit within the owner's construction time-frame and budget. The owner opted for a 2-phase construction process. Phase I involved the replacement of existing boilers, piping, and terminal units. The utility savings from Phase I allowed the owner to proceed with Phase II, which involved the installation of a chiller to provide air conditioning to the school.

Project Contact:

*Patrick R. Sweeney, Business Manager
Southeastern Greene School District
(724) 943-3630 ext. 2243*

Descriptions of Past Projects Completed – MEP

North Elementary Boiler Replacement

Services Provided:

- Electrical
- Plumbing
- HVAC Design

Project Budget: \$160k

Owner: Monongalia County Board of Education



The existing boiler at North Elementary in Morgantown, WV was outdated and required excessive maintenance. MEI was hired to design a replacement to this system. The existing gas fired finned tube boiler was replaced with a highly efficient gas fired modulating boiler. This allows the boiler to adjust its operation based upon the building load, creating utility cost savings. The hot water loop pumps were replaced including new motor starters and controls. MEI discovered some existing piping that was installed incorrectly, and was reconfigured to operate properly. The existing fresh air intakes and vents were replaced as well. The work was coordinated and the boilers were replaced during the school year with no interruptions to school activities.

Project Contact:
Ron Lytle, Board Member
Monongalia County Board of Education
Phone: (304) 276-0669

Descriptions of Past Projects Completed – New Construction

Advanced Surgical Rehabilitation Hospital

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Nurse Call
- Fire Protection/Alarm

Estimated Budget: \$13M

Facility Area: 67,000 ft²

Owner: AOR Group



Interactive collaboration with the physician owners and contractor was the guiding principle behind the success of this project. Each and every system within the hospital was designed for and met precise health care compliance standards. Specifications for ventilation, electric, plumbing, HVAC and medical gas safety were all applied to the constructible design. An emergency generator and switchgear system was installed to maintain power to priority loads. Quality assurance and design aspects were satisfied by regular and customary site visits as well as consistent communication with the contractor. Our complete assessment process enabled the client to meet a fast-paced construction deadline which if missed would have had

Project Contact:

Rick Briggs

Lutz Myers & Associates, Inc.

(724) 758-5455

Descriptions of Past Projects Completed – Electrical

City of Glenville Water Improvement Project

Glenville, WV

Services Provided:

- Backup Power
- Electrical Service Upgrade

Electrical Budget: \$275K

Facility Area: Approx 4500 sq ft

Owner: City of Glenville, WV



As part of an overall improvement to the Glenville Water Treatment Plant, MEI was tasked with designing backup power to provide enough power to continue water treatment operations. Challenges with this project were providing enough power to handle the starting of a large pump serving the nearby Federal Correctional Institute, while having the generator footprint small enough to fit on the limited available site. MEI worked with the plant staff to determine priority and staging of pump start-up sequence to size the generator at 500 kW. A new service entrance rated automatic transfer switch was installed and the electrical service was re-configured. The final wiring connections were coordinated with the owner to be performed when the plant was not in operation. MEI and the generator manufacturer trained the plant staff on how to stage the start-up of the pumps, with set delays, to stay within the generator's parameters. Overall, the design provided the plant with dependable backup power, while fitting in small footprint and within budget.

Project Contact:
Mark Sankoff, PE,
Potesta & Associates, Inc.
(304) 342-1400

Descriptions of Past Projects Completed – Electrical

Elkins DNR Operations Center Standby Generator

Elkins, WV

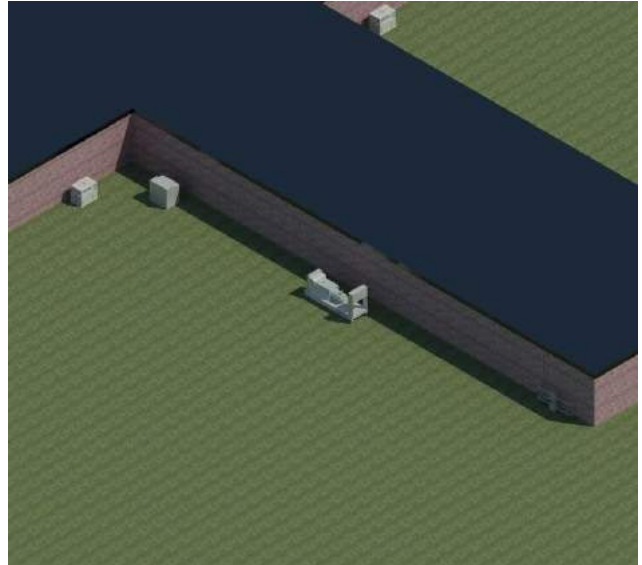
Services Provided:

- Backup Power
- Electrical Distribution
- Emergency Lighting

Electrical Budget: \$250K

Facility Area: Approx 30,000 sq ft

Owner: WV DNR



The WV DNR Operations Center in Elkins, WV requested to have an emergency generator installed due to losses incurred from a long power outage caused by Hurricane Sandy. MEI coordinated which systems the DNR wanted on standby power. This required the installation of new panels which are fed through a transfer switch. Critical operation loads were installed in these panels. The owner requested a natural gas fueled generator, requiring modifications to the building's gas service. Some of the buildings light fixtures were retrofitted to LED with battery backup to provide some emergency lighting in common areas. The project is currently on hold pending budget approval.

Project Contact:

Zack Brown

WV DNR

(304) 558-2771

Projects Budget Delivery History

Project Name	Project Type	Budget	Cost	Notes
Bluestone State Park	Pool Replacement	\$1,000,000	\$935,600	On budget
West Virginia State	HVAC Piping Renovation	\$650,000	\$533,400	On budget
Canaan Valley Resort	Emergency Electrical Repairs	\$225,000	\$129,829	On budget
Holly Grove Manor	Renovation	\$885,000	N/A	On hold
Mapletown Jr/Sr High School	HVAC Renovation	\$1,050,000	\$1,105,900	5.19% over budget
Pipestem – McKeever Lodge	HVAC Piping Replacement	\$1,600,000	\$1,776,000	10.43% over budget
Tygart Lake State Park	Beach and Bathhouse	\$750,000	\$695,000	On budget

 = Delivered on budget/on time

Projects Deadline Delivery History

Project Name	Project Type	Contract Length	Contract Delivery	Notes
Blackwater Falls State Park	HVAC Upgrade	120 days	180 days*	*Extended 60 days due to equipment delivery issues
Bluestone State Park	Pool Replacement	180 days	180 days	Delivered on time
Canaan Valley Resort	Construction Administration	3.5 years	3.5 years	Long-term project with varying facets – no direct schedule
Twin Falls/Hawks Nest Lodge	HVAC Renovation	90 days	90 days*	*Expedited delivery
Mapletown Jr/Sr High School	HVAC Renovation	180 days	180 days	Delivered on time
Pipestem – McKeever Lodge	HVAC Piping Replacement	365 days	365 days	Delivered on time
Tygart Lake State Park	Beach and Bathhouse	270 days	270 days	Delivered on time

Client References

What our satisfied customers have to say...

“I chose Miller Engineering because they are not a purely design-based firm. They have real world construction experience and the work ethic to ensure that the project is completed on time, on budget. I have confidence that my agency’s interest is well served in design and in construction contract administration. I cannot say that about every firm I have worked with.”

--Bradley S. Leslie, PE

“As a design/build team, working with Miller Engineering, our project involving a private surgical hospital together was a success – completed ahead of schedule and on budget. Miller worked with us throughout the project to consult, engineer and inspect the mechanical systems. Craig Miller, PE and his staff are working with us again, and are very important members of our design/build team. I highly recommend their services.

--Richard J. Briggs

<p>Brad Leslie, PE <i>Assistant Chief WV Division of Natural Resources State Parks Section 324 4th Avenue South Charleston, WV 25303 (304) 558-2764 ext. 51823 Bradley.S.Leslie@wv.gov</i></p>	<p>Kerri J. Wade, MSW <i>Extension Agent - Kanawha County West Virginia University 4700 MacCorkle Avenue, SE Suite 101 Charleston, WV 25304 304.720.9573 Kerri.Wade@mail.wvu.edu</i></p>	<p>Christopher T. Halterman <i>Director of Operations The Dominion Post 1201 Earl Core Rd. Morgantown, WV 26505 (304) 291-9479 chalterman@dominionpost.com</i></p>
<p>Pat Sweeney <i>Business Manager Southeastern Greene School District 1000 Mapletown Rd. Greensboro PA 15338 (724) 943-3052 Sweeney.pat@segsd.org</i></p>	<p>Mike Trantham <i>Program Administrator Senior WVU Environmental Health & Safety P.O. Box 6551 975 Rawley Avenue Morgantown, WV 26506 (304) 293-5785 Mike.Trantham@mail.wvu.edu</i></p>	<p>Richard J. Briggs <i>Vice President Lutz Briggs Schultz & Associates Inc. 239 Country Club Drive Ellwood City, PA 16117-5007 (724) 758-5455 lbsa@zoominternet.net</i></p>

From Jonathan Miller, Mechanical Project Manager, Nitro Mechanical:

“Miller Engineering is not your average engineering company; they work with the owner AND the contractor to solve all issues that arise throughout the project to make the process as fluid as possible.”



CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Miller Engineering, Inc.
(Company)

 B. Craig Miller, President
(Authorized Signature) (Representative Name, Title)

304-291-2234 2/23/2016
(Phone Number) (Fax Number) (Date)



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)

- | | |
|--|--|
| <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.

Miller Engineering, Inc.
Company

[Signature]
Authorized Signature

2/23/2016
Date

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



***For more information, contact Craig Miller, PE, Owner, President, Miller Engineering, Inc.
(304) 291-2234 | 240 Scott Avenue Suite 1 Morgantown, WV 26508***

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

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

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or 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.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: MILLER ENGINEERING, INC.

Authorized Signature: [Signature] Date: 2/23/2016

State of WV

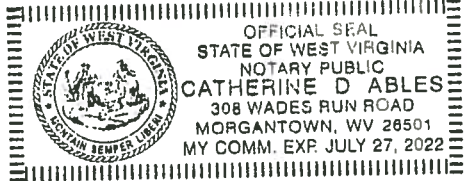
County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 23 day of February, 2016

My Commission expires July 27th 2022, 2022

AFFIX SEAL HERE

NOTARY PUBLIC Catherine D Ables





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: 153038

Doc Description: EOI for professional engineering services

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No		Version
2016-01-14	2016-02-24 13:30:00	CEOI	0506 HHR1600000002	1

BID RECEIVING LOCATION

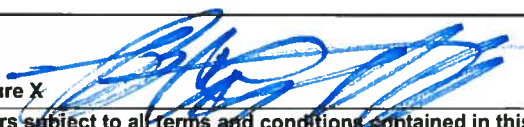
BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Beth Collins
 (304) 558-2157
 beth.a.collins@wv.gov

Signature X  FEIN # 861081386 DATE 2/23/2016

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

ADDITIONAL INFORMATION:

The West Virginia Purchasing Division, for the Agency, the West Virginia Department Health and Human Resources, is soliciting Expressions of Interest for professional engineering and design services for the Hopemont Hospital Boilers and Mildred Mitchell-Bteman Hospital Generator, per the attached bid requirements and specifications.

INVOICE TO		SHIP TO	
BUYER - 304-957-0209 HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE STE 100, RM 106 CHARLESTON WV25301-1613 US		BUYER - 304-957-0209 HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE, STE 106 CHARLESTON WV 25301 US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

4.1 Project A: Hopemont Hospital

INVOICE TO		SHIP TO	
BUYER - 304-957-0209 HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE STE 100, RM 106 CHARLESTON WV25301-1613 US		BUYER - 304-957-0209 HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE, STE 106 CHARLESTON WV 25301 US	

Line	Comm Ln Desc	Qty	Unit Issue
2	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

4.2 Project B: Mildred Mitchell-Bateman Hospital

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Question Submittal Deadline at 5:00 PM, EST	2016-02-01

HHR160000002	Document Phase Final	Document Description EOI for professional engineering services	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



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: 153038

Doc Description: Addendum 01 EOI for professional engineering services

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-02-05	2016-02-25 13:30:00	CEOI 0506 HHR1600000002	2

BID RECEIVING LOCATION

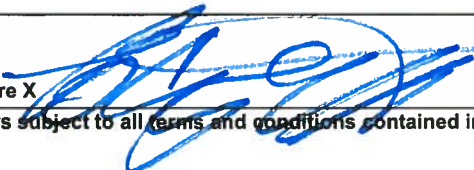
BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Beth Collins
 (304) 558-2157
 beth.a.collins@wv.gov

Signature X  FEIN # 861081386 DATE 2/23/2016

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

ADDITIONAL INFORMATION:

Engineering Services
Addendum No. 01

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To publish answers to vendor submitted questions.
2. To modify the bid opening date to February 25, 2016 at 1:30 PM, EST.

No other changes.

CRFQ

The West Virginia Purchasing Division, for the Agency, the West Virginia Department Health and Human Resources, is soliciting Expressions of Interest for professional engineering and design services for the Hopemont Hospital Boilers and Mildred Mitchell-Bteman Hospital Generator, per the attached bid requirements and specifications.

INVOICE TO		SHIP TO	
BUYER - 304-957-0209		BUYER - 304-957-0209	
HEALTH AND HUMAN RESOURCES		HEALTH AND HUMAN RESOURCES	
OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE		OFFICE OF PROPERTY MANAGEMENT	
STE 100, RM 106		ONE DAVIS SQUARE, STE 106	
CHARLESTON	WV25301-1613	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

4.1 Project A: Hopemont Hospital

INVOICE TO		SHIP TO	
BUYER - 304-957-0209		BUYER - 304-957-0209	
HEALTH AND HUMAN RESOURCES		HEALTH AND HUMAN RESOURCES	
OFFICE OF PROPERTY MANAGEMENT ONE DAVIS SQUARE		OFFICE OF PROPERTY MANAGEMENT	
STE 100, RM 106		ONE DAVIS SQUARE, STE 106	
CHARLESTON	WV25301-1613	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
2	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

4.2 Project B: Mildred Mitchell-Bateman Hospital

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Question Submittal Deadline at 5:00 PM, EST	2016-02-01

HHR160000002	Document Phase Final	Document Description Addendum 01 EOI for professional engineering services	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions