



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#)

Procurement Folder: 101750	SO Doc Code: CE01
Procurement Type: Central Contract - Fixed Amt	SO Dept: 0211
Vendor ID: 000000110880 <input type="button" value="Go"/>	SO Doc ID: GSD1600000006
Legal Name: MOMENT ENGINEERS INC	Published Date: 10/27/15
Alias/DBA:	Close Date: 11/12/15
Total Bid: \$0.00	Close Time: 13:30
Response Date: 11/11/2015 <input type="button" value="Calendar"/>	Status: Closed
Response Time: 13:31	Solicitation Description: Addendum # 3 - EOI Parking Garage Consulting Services <input type="button" value="Up"/> <input type="button" value="Down"/>

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 : 101750

Solicitation Description : Addendum # 3 - EOI Parking Garage Consulting Services

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2015-11-12 13:30:00	SR 0211 ESR11111500000002178	1

VENDOR

000000110880
 MOMENT ENGINEERS INC

FOR INFORMATION CONTACT THE BUYER

Laura E Hooper
 (304) 558-0468
 laura.e.hooper@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	EOI Parking Garage Consulting Services				

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :	EOI Parking Garage Consulting Services
-------------------------------	--



November 12, 2015

Ms. Laura Hooper, Senior Buyer
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305

Re: Expression of Interest
Parking Garage Consulting Services
Piedmont Parking Garage
#GSD1600000006

Dear Ms. Hooper:

In response to your request for Expression of Interest #GSD1600000006, I am respectfully submitting the attached information for your consideration on behalf of Moment Engineers, Inc. We are excited about the opportunity to be considered to provide these services to the State of West Virginia, and look forward to your review of our qualifications.

Sincerely,

A handwritten signature in black ink, appearing to read "D. R. Richardson", with a long horizontal flourish extending to the right.

Douglas R. Richardson, PE, LEED AP
President

Expression of Interest

Submitted by:

Moment Engineers, Inc.

179 Summers Street
Suite 603
Charleston, WV 25301
Ph: 304.414.4000
Fax: 304.414.4001

November 12, 2015



EOI#GSD1600000006

Parking Garage Consulting Services
West Virginia State Capitol Complex
Piedmont Road Parking Garage

*“Structural Engineering
for the Built
Environment”*



RESPONSE TO EOI#GSD160000006: Parking Garage Consulting Services WV State Capitol Complex – Piedmont Road Parking Garage

INTRODUCTION

Moment Engineers, Inc. is pleased for the opportunity to present this proposal to provide engineering services for performing annual condition assessments of the parking garage structure located on the West Virginia State Capitol Complex on Piedmont Road.

We anticipate that the required services may include, but not limited to:

- Perform an annual walk-through visual evaluation to provide an overview of the structures general condition;
- Prepare a concise report which may recommend further investigation of specific items and/or specific repairs;
- Prepare construction bid documents for any repairs deemed necessary; and
- Conduct site observations and quality control during the construction phase of any repairs.

This proposal provides details of Moment Engineers' experience and capabilities to support the State of West Virginia on this project.

CONCEPT

Parking structures require regular maintenance to provide a satisfactory level of service and meet service-life expectations without premature deterioration, undue repair expense, interrupted service, and inconvenience to patrons. Parking structures can develop more distress and deterioration than most types of buildings because of their direct exposure to traffic, weather, deicing chemicals, and snow removal equipment. An important component of proper maintenance and long term service is performing annual visual observations of the structure.

Our approach for this project is anticipated to include:

- Kickoff meeting and development of mutual scope of services and schedule with the State of West Virginia.
- Review of existing documents held by the Owner, including original construction documents, existing maintenance manual, and repair history.
- Create schematic drawings of the structure, utilizing the construction documents, to indicate the condition of members and connections during the site observations.
- Perform a detailed walk-thru visual observation and evaluation. This will be performed by a licensed professional engineer.
- Prepare a concise report of observed conditions with photographs. This report may recommend more involved physical testing, preventative maintenance measures, and/or structural repairs.
- Review the report with vested parties at the State of West Virginia.



- If recommended by the report and approved by the State of West Virginia:
 - Perform any physical testing of damaged members.
 - Develop repair construction drawings and technical specifications.
 - Prepare engineering construction cost estimates of repairs.
 - Prepare bidding and contract documents including instructions to bidders, advertisement, general conditions, bid forms, conducting a pre-bid meeting, and issuing required addendums.
 - Evaluation of bids received including bid price analysis, adherence to project requirements, etc. and subsequent pre-construction meetings.
 - Construction observation, verification of pay applications, progress reports, and certifications.

FIRM QUALIFICATIONS

- Contact person having full authority to execute binding contract on behalf of team submitting this response:



Douglas R. Richardson, PE, LEED AP
President

Moment Engineers, Inc.
179 Summers Street, Suite 603
Charleston, WV 25303
Phone: 304.414.4000
Fax: 304.414.4001
Email: drd@momentengineers.com

- Moment Engineers, Inc. is a structural engineering consulting firm based in Charleston, West Virginia. We serve the architectural and construction communities by delivering innovative, cost-effective solutions to complex problems. Our diverse experience within structural engineering includes large and small projects encompassing design and existing structure evaluation services for municipalities, state agencies, manufacturers, architects, county school boards, developers, and retailers. Moment Engineers takes pride in our ability to provide clients with a high level of prompt service and technical expertise.
- Moment Engineers, Inc. understand and accept that any and all work produced as a result of this contract will become the property of the General Services Division of the State of West Virginia and can be used by the General Services Division as deemed appropriate.
- Moment Engineers, Inc. continually strives to conform to the accepted standard of the care for engineering practice. This includes a knowledge and application of applicable local, State, and Federal regulations directing the design and renovation of public structures.



- Moment Engineers, Inc. is not involved in any litigation or arbitration proceedings which involve vendor complaints filed with the State's Purchasing Division, or disputes with other Agencies of the State of West Virginia that involve legal representation by either party relating to the firms' delivery of design services.
- Please see ATTACHMENTS for additional information regarding firm background and personnel resume.

PROJECT ORGANIZATION

- The work for this project will be performed at the following location:

Moment Engineers, Inc.
179 Summers Street, Suite 603
Charleston, West Virginia 25301

- If honored by being chosen to perform this project, Moment Engineers, Inc. commits to the timely performance of services. This would begin by coordinating with the Owner's representative to fully understand the desired schedule and limit any inconvenience to the continual use of the parking structure. Prior to this meeting in which the schedule would be appropriately modified, we currently anticipate that the site observations would be performed within four weeks of notice to proceed. The report would be completed within 3 weeks of completion of the field observations. If repairs are recommended, work on their design would begin immediately upon the Agency's approval of the additional scope. The repair design would be scheduled for completion after 8 weeks from notice to proceed

EXISTING EXPERIENCE

Please see ATTACHMENTS for descriptions of prior project experience.

CLOSING

Moment Engineers, Inc. is excited about the possibility of providing structural engineering consulting services for the State of West Virginia on the Piedmont Road Parking Garage. Our firm will provide experience and expertise in a timely and cost effective manner. We appreciate your review of our response the Expression of Interest, and look forward to the opportunity to further discuss our qualifications and experience with you.

Respectfully Submitted,



Douglas R. Richardson, PE, LEED AP
Moment Engineers, Inc.



Firm Background



Moment Engineers, Inc. is a professional consulting firm specializing in structural engineering. We serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 2005.

During his more than 25 years of experience, Mr. Richardson has had sole responsibility for the structural engineering design of more than 6 million square feet of built space. The construction costs of these projects exceed a half billion dollars. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner.



Resume



Douglas R. Richardson, PE, LEED AP
Principal Engineer

Education

North Carolina State University, (8/87-5/89).

Masters of Science in Civil Engineering, major in
structures and minor in construction.

GPA 4.0/4.0.

West Virginia University, (8/83-8/87)

Bachelors of Science in Civil Engineering.

Ranking: 1st out of approximately 450 College
of Engineering graduates. GPA 3.98/4.0.

Professional Registration

Professional Engineer - WV, VA and KY

Maintains active record with NCEES to facilitate
prompt registration in additional states as
required.

LEED Accredited Professional

Professional Affiliations

American Society of Civil Engineers

American Concrete Institute

American Institute of Architects, Professional Affiliate

Structural Engineering Institute

Timber Framers Guild

US Green Building Council

Engineers Without Borders-USA



Project Experience



City of Charleston Parking Garage #1 Structural Investigation and Repair Design

Moment Engineers performed a structural investigation and Repair Design for the City of Charleston Parking Garage #1 located at McFarland and Dickenson Street, Charleston, West Virginia in 2014 and 2015.

The parking garage is a seven level facility constructed in 1975 using precast concrete. It is double tee structure and is approximately 300' x 120' in plan dimensions. It currently provides parking for 522 vehicles.

The designed repairs included partial and full depth deck repair, concrete spalling repair, traffic membrane replacement, drain replacement, and tee bearing strengthening.

Client: City of Charleston, WV
105 McFarland Street
Charleston, WV 25301

Contact: Chris Knox, City Engineer
Phone: 304.348.8106

Project Experience



City of Charleston Parking Garage #3 Structural Investigation and Repair Design

Moment Engineers performed a structural investigation and Repair Design for the City of Charleston Parking Garage #3 located at Reynolds and Lee Street, Charleston, West Virginia in 2014 and 2015.

The parking garage is a five level facility constructed in 1981 using precast concrete. It is double tee structure and is approximately 270' x 174' in plan dimensions. It currently provides parking for 400 vehicles.

The designed repairs included partial and full depth deck repair, concrete spalling repair, traffic membrane replacement, drain replacement, and shear transfer reinforcement, and expansion joint installation.

Client: City of Charleston, WV
105 McFarland Street
Charleston, WV 25301

Contact: Chris Knox, City Engineer
Phone: 304.348.8106

Project Experience



City of Logan Parking Garage Condition Assessment Report

Moment Engineers performed a structural condition assessment of the City of Logan Parking Garage located at 280 Main Street, Logan, West Virginia in the fall of 2013.

The parking garage is a multi-level facility constructed in 1964 using reinforced concrete. It is approximately 105' x 150' in plan dimensions and currently provides parking for 142 vehicles. A recent evaluation by the WV Board of Risk and Insurance Management noted numerous signs of distress and recommended a structural engineer be retained to evaluate the facility.

Field observations were performed which documented numerous defects. These defects were characterized, mapped and ranked as to their severity.

Client: City of Logan, WV
219 Dingess Street
Logan, WV 25601

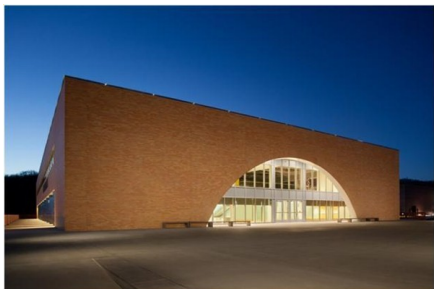
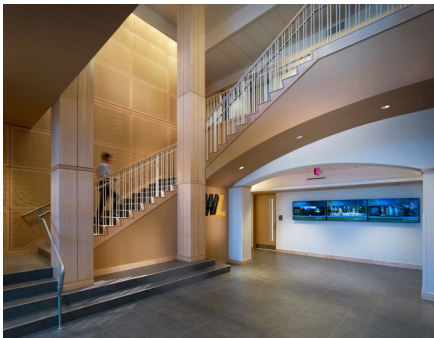
Contact: Mayor Serafino J. Nolletti
Phone: 304.752.4044

Project Experience



Center for National Response Mezzanine Support

The Center for National Response (CNR) is an operational training facility located in the Memorial Tunnel originally constructed for the WV Turnpike. It is a multipurpose facility that provides ten training venues for Federal, State and Local organizations. One of the venues is a rubble area. This can simulate a collapsed parking garage or building due to an earthquake or terrorist initiated event. In order to simulate various scenarios within the venue, the floor area needs to be rearranged with a forklift. The columns supporting the observation platform would often be knocked out of plumb during the arrangement of an exercise. Moment Engineers provided engineering design services to suspend the platform from the concrete roof of the tunnel so that the columns would no longer be required for the mezzanine support.



Additional Project Experience

Moment Engineers staff experience includes a wide variety of new building design and existing structure evaluation and renovation. The list below is a small sample of the projects for which our staff has had responsible charge of the structural engineering design and contract document production. All projects listed were or are being constructed in West Virginia. A more extensive list is available upon request.

<u>Project</u>	<u>Sq. Ft.</u>
Logan State Office Building	53,200
Lewis County Judicial Annex	28,000
West Liberty University Health Sciences Bldg	70,500
Summit Bechtel Reserve Bathhouses (358 units)	646 ea.
Mountaineer Challenge Academy	47,790
Kappa Alpha Fraternity House, WVU	14,000
Greenbrier East H.S. Renovations & Additions	205,060
Lincoln Co. High School	216,500
Wayne Co. Spring Valley High School	175,000
Cabell West Elementary School	55,790
Judge Donald F. Black Courthouse Annex	37,000
WV Hospital Association Office Building	29,710
Glen Jean - AFRC	107,090
Elkins - AFRC	60,570
Robert C. Byrd Regional Training Institute	143,000
Alderson Federal Prison Dormitory	60,620
Western Juvenile Detention Center	29,020
Lewisburg United Methodist Church	12,800
Cacapon State Park Addition	9,840
Goodwill Industries Renovation and Addition	15,460
NGK-NTK Production Facility	78,000
Advantage Valley Advance Technology Center	55,040



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 exceeds 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: Moment Engineers, Inc.

Authorized Signature: [Signature] Date: 11/11/2015

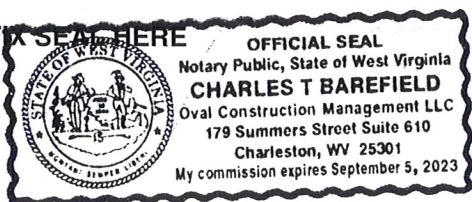
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 11 day of November, 20 15.

My Commission expires Sept 5, 20 23

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained 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.

Moment Engineers, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Ph 304.414.4000, Fax 304.414.4001 11/11/2015

(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD1600000006

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 checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" 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.

Moment Engineers, Inc.

Company



Authorized Signature

11/11/2015

Date

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