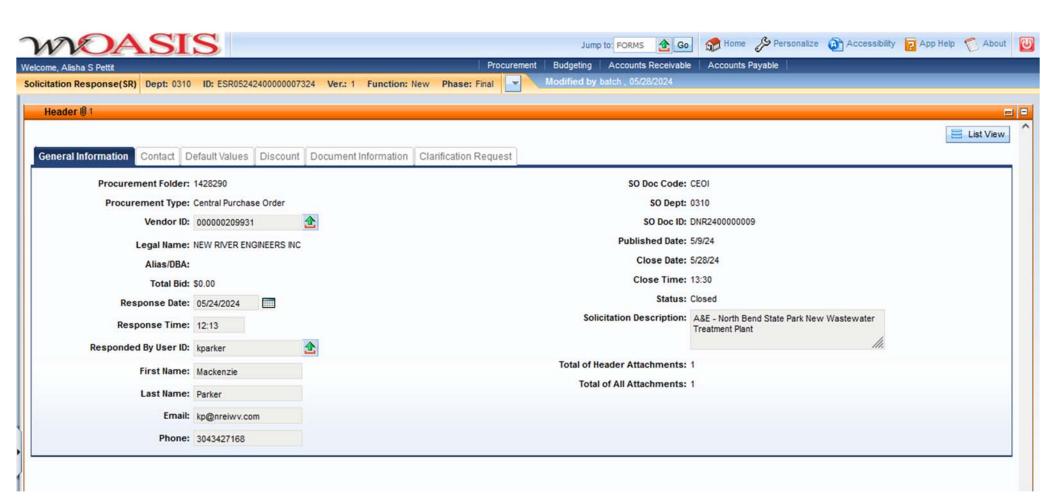
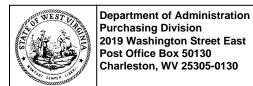


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

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.





### State of West Virginia Solicitation Response

Proc Folder:

1428290

**Solicitation Description:** 

A&E - North Bend State Park New Wastewater Treatment Plant

**Proc Type:** Central Purchase Order

 Solicitation Closes
 Solicitation Response
 Version

 2024-05-28 13:30
 SR 0310 ESR05242400000007324
 1

**VENDOR** 

000000209931

NEW RIVER ENGINEERS INC

Solicitation Number: CEOI 0310 DNR2400000009

Total Bid: 0 Response Date: 2024-05-24 Response Time: 12:13:34

Comments:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III (304) 558-2306 joseph.e.hageriii@wv.gov

Vendor Signature X FEIN# DATE

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

 Date Printed:
 May 28, 2024
 Page: 1
 FORM ID: WV-PRC-SR-001 2020/05

1 Professional engineering services	0.00

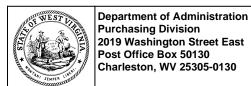
Comm Code	Manufacturer	Specification	Model #	
81100000				

#### **Commodity Line Comments:**

#### **Extended Description:**

Design and contract administration services of new wastewater treatment plant facilities at North Bend State Park.

Date Printed: May 28, 2024 Page: 2 FORM ID: WV-PRC-SR-001 2020/05



## State of West Virginia Centralized Expression of Interest Architect/Engr

Proc Folder:	1428290		Reason for Modification:
<b>Doc Description:</b>	A&E - North Bend State Par		
Proc Type:	Central Purchase Order		
Date Issued	Solicitation Closes	Solicitation No	Version
2024-05-09	2024-05-28 13:30	CEOI 0310 DNR240000009	1

#### **BID RECEIVING LOCATION**

**BID CLERK** 

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON WV 25305

US

#### **VENDOR**

**Vendor Customer Code:** 

Vendor Name: New River Engineers, Inc

Address:

Street: 501 Eagle Mountain Rd

City: Charleston

State: West Virginia Country: USA Zip: 25311

Principal Contact: Jessie O. Parker, Jr., P.E., CEO

Vendor Contact Phone: 304-342-7168 Extension:

#### FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III (304) 558-2306

joseph.e.hageriii@wv.gov

Vendor Signature X

Signature X FEIN# 55-0764054 DATE 5/22/2024

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

 Date Printed:
 May 9, 2024
 Page: 1
 FORM ID: WV-PRC-CEOI-002 2020/05

#### **New River Engineers, Inc.**



May 24th, 2024

West Virginia Division of Natural Resources CEOI 0310 DNR240000009

Re: Expression of Interest – Engineering Services

North Bend State Park New Wastewater Treatment Plant

To Whom it May Concern:

We are pleased to submit our statement of qualifications for providing professional engineering services on the above referenced project.

New River Engineers, Inc. (NREI) is a highly qualified and experienced environmental / civil engineering firm providing services for municipal, federal, state, industrial and commercial clients throughout the states of West Virginia, Ohio, Kentucky, and Virginia.

For over 43 years NREI has a history of completing projects on time, under budget and without any successful litigation against us or our client, a record no other firm can match.

We would appreciate an opportunity to present our detailed qualifications at a mutually convenient date and time.

Please call if you have any questions or need further information.

Very Truly Yours,

NEW RIVER ENGINEERS, INC.

Jessie O. Parker, Jr., P.E.,

CEO

Email: jop@nreiwv.com

**Enclosures** 

#### **WV Division of Natural Resources**



Centralized Expression of Interest
For
Engineering Services
For
North Bend State Park New Wastewater Treatment Plant

May 2024

**Presented by:** 

**NEW RIVER ENGINEERS, INC.** 



501 Eagle Mountain Road Charleston, WV 25311 (304) 342-7168

507 Richland Avenue, Suite 201 Athens, OH 45701 (740) 566-5699 202 School Drive Shrewsbury, WV 25015 (304) 595-3290

3041 University Avenue, Suite 6 Morgantown, WV 26505 (681) 668-1809

156 Woodrow Avenue, Suite 2A St. Clairsville, OH 43950 (740) 695-9977

## WVDNR WASTEWATER TREATMENT PLANT

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#### WVDNR WASTEWATER TREATMENT PLANT

#### **EXPRESSION OF INTEREST**

New River Engineers Inc. (NREI), formerly S & S Engineers, Inc., is pleased to express our interest in providing environmental, engineering, architecture, and surveying services to the WV Division of Natural Resources (WVDNR). Our team is a civil / environmental engineering firm and is noted for design excellence and client focus. Our team's integrated design approach, our commitment to design quality, as well as our architectural and construction experience will help to ensure the quality of services that we will provide to the WVDNR. Below, please find additional qualifications that make our team uniquely qualified to assist you with your potential needs:

We have a history of providing high quality design and engineering management services throughout West Virginia, Ohio, Kentucky, and Virginia. This quality has been recognized by the quantity of our repeat clients. We will use our engineering abilities and extensive design experience to aid the WVDNR as any need would arise.

As CEO of our firm, Mr. Jessie O. Parker, Jr., P.E. will lead projects for the WVDNR. Mr. Parker has a Bachelor of Science in Civil Engineering from WVU Institute of Technology and a Master of Science in Engineering from Marshall University. Mr. Parker has a vast amount of experience working in the municipal market and has spent his entire career in the utility / infrastructure sector of engineering. Mr. Parker will be assisted by Mr. Matt Shelton, VP, PM, Mr. Christopher Burford, COO, PM, Mr. Ashok Sanghavi, P.E., DEE, QEP, Mr. Randy Crace, P.S., Mr. Charles Kurzyna P.E., P.S., Mr. Eric Hartwell, P.E., Mr. Josh Cook, P.E., and the rest of our staff.

We have the training, experience, and multi-discipline support to meet the needs of our clients. Due to our small size, our Engineers and Architects become well rounded and deeply involved with each Project. Our Engineers and Architects are able to put their heads together to create an excellent working knowledge of projects, creating high quality, personalized, and professional services. We would like to thank you for this opportunity and if we can be of service to you in this matter, please don't hesitate to contact us at (304) 342-7168.



#### **COMPANY PROFILE**

#### **NEW RIVER ENGINEERS, INC.**

New River Engineers, Inc. (NREI) is an engineering, surveying, and consulting firm that has been providing quality service to our clients and the industries for over 43 years. Mutual respect and trust are the cornerstones in the relationships established and maintained with our clients. NREI strives to perform all work in a professional and cost-effective manner, while providing our clients with quality and excellence.

The firm is currently managed by Mr. Jessie O. Parker, Jr., P.E. - CEO and Mr. Christopher D. Burford - COO. NREI has successfully provided an integrated approach to utility projects for our clients. NREI provides professional services to facility owners and operators, architects, and contractors throughout Ohio, West Virginia, Kentucky, Virginia and North Carolina and many others. NREI services range through all facets of civil engineering design as well as construction administration and project management.

Our staff combines advanced technology with many decades of surveying, mining, and engineering experience and includes two professional engineers, one professional surveyor, four degreed engineers, AutoCAD/engineer technicians and ten full time survey crews.

As a full-service engineering and surveying firm, NREI can provide a whole host of services to our clients including, but not limited to the following:

- Construction Design
- Construction Management
- Construction Surveying
- Geotechnical Engineering & Drilling Management
- Environmental Permitting (WVDEP, NPDES, OAQ and USACOE)
- Underground / Surface Mine Engineering
- Underground / Surface Mining Surveying
- Civil Site Design / Engineering / Planning
- Drainage Design / Engineering / HECRAS
- Aerial Mapping
- Compaction Testing with Nuclear Density Gauge
- Subsurface Utility Locate Surveys with Ground Penetrating Radar & Pipe and Cable Locators
- Ohio DNR Environmental Permitting
- Oil & Gas Surveying
- Boundary & Property / Topographical Surveying
- GPS RTK & Static Surveying
- Reserve Studies



NREI remains committed to the idea of providing high quality, client focused, design solutions that meet budget and schedule requirements. This commitment to quality has been recognized through the long-term client relationships that we have developed. NREI has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through construction completion and beyond.

NREI utilizes the abilities of designers with many years of experience in their area of expertise, teamed with younger designers on a "best resource for the project approach". We also provide project management services at levels ranging from general oversight to complete project delivery through all phases of design and construction. Our personnel have worked in both the private and public sector and are familiar with many methods of project delivery.

NREI has developed the following philosophy to guide the performance of its services:

- Provide superlative design services to our clients in new construction, improvements, and daily operations.
- Perform work in a timely, accurate and professional manner.
- Present multiple alternatives and solutions whenever possible.
- Work with our clients to control project costs.
- Be a technical sounding board for our clients in all situations.
- Strive to maintain professional competency through continuing education and training.

NREI utilizes a practical application approach to all projects throughout the design process to provide a well-rounded result. This methodology emphasizes the best overall solution, meeting all the client's needs, instead of just the best technical solution. We believe our small size provides a distinct advantage to our clients and affords us the freedom to easily team with the clients to achieve the overall best possible result



#### **PLAN OF APPROACH**

New River Engineers, Inc. (NREI) has been serving various communities for over 43 years. NREI believes in offering personal services as well as professional services. The following is a draft approach from project conception through project completion of the services NREI can provide.

NREI believes in a team approach for the development of projects. Therefore, our first task will be to meet with WVDNR officials to review existing data, reports, etc., and to ascertain the need of the specific project. Following data gathering, we will then evaluate alternatives and develop a cost-effective proposal that meets existing and future needs of a specific project. Throughout the process, WVDNR officials will be kept informed and involved in all important matters.

NREI will assist the WVDNR in preparation and submission of any funding application needs. Once the funding has been secured, we will then begin to develop detailed engineering drawings and specifications for the project. As information is gathered, it will be reviewed with WVDNR officials to allow comment and coordination as the project progresses. The project engineer will be involved during all phases of developing a project, obtaining funding, design, and construction to assure coordination with WVDNR personnel, and regulatory and funding agencies.

#### PRELIMINARY ENGINEERING REPORT

Our next task will be the preparation of a Preliminary Engineering Report. Specifically, the report will be organized in accordance with regulatory and funding agency requirements as follows:

- 1. Introduction and Overview
- 2. Planning Area and Future Needs
- 3. Evaluation of the Existing System
- 4. Proposed Improvements/Upgrades
- 5. Alternate Solutions
- 6. Cost Estimates Capital and O & M
- 7. Environmental Issues
- 8. Public Participation
- 9. Final Plan Selection
- 10. Implementation

Prior to publication of the final report, all information will be shared and reviewed with WVDNR officials to assure that concerns are addressed.



#### **DESIGN PHASE**

NREI will prepare contract documents including plans and specification conforming to funding agencies requirements. Our design phase will be carried out as follows:

- 1. Define Existing Conditions
  - a. Assemble and evaluate data to eliminate conflicts and redundancy.
  - b. All major decisions regarding data will be discussed with WVDNR officials. Important data sources include, but are not limited to the following:
    - i. WVDNR Officials
    - ii. WV Department of Environmental Protection
    - iii. USDA Rural Development
    - iv. Soil Conservation Service
    - v. U.S. Corps of Engineers
    - vi. Local Citizens and Groups
- 2. Identify Project Work
  - a. Evaluate existing data, reports, and design drawings, if available
  - b. Evaluate existing site.
  - c. Evaluate environmental aspects.
  - d. Summarize existing problems and make presentation.
- 3. Preliminary Design
  - a. Preliminary layout of proposed project
  - b. Land surveys for mapping, rights-of-way, and / or land acquisitions
  - c. Coordination with the WVDNR, WVDEP, USDA-RD and WVDOH
  - d. Preliminary Cost Estimates
  - e. Preliminary review with the WVDNR
- 4. Final Design
  - a. Incorporate review comments from the WVDNR, WVDEP, USDA-RD, and other agencies
  - b. Prepare detailed specifications and final design report in accordance with state and federal guidelines.
  - c. Attend public meetings.
  - d. Prepare final cost estimates.
  - e. Secure permits from WVDEP, WVDOH, and other agencies
  - f. Prepare bid documents.
  - g. Conduct pre-bid conference.
  - h. Assist in advertising for bids, attend bid opening and assist in evaluation of bids with recommendations for awarding the construction of the project(s)



#### **CONSTRUCTION PHASE**

NREI will provide the following services during the construction phase of the project:

- 1. Administrative Services
  - a. Assist and advise the WVDNR in the preparation of construction contracts for signature(s)
  - b. Issue a "Notice to Proceed" to the appropriate Contractor(s)
  - c. Provide consultation and advise the WVDNR during construction
  - d. Preparation of elementary and supplementary sketches and / or drawings required to resolve problems arising from actual field conditions encountered.
  - e. Review and approve shop drawings, diagrams, illustrations, brochures, catalog data, schedules, and samples, results of tests and inspections, other data which the contractor(s) is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents.
  - f. Receive and review maintenance and operating instructions, schedules, guarantees, bond, and certificates of inspections which are to be assembled by the contractor(s) in accordance with the contract documents.
  - g. Review and approve requests for periodic and final payments to the contractor(s)
  - h. Issue certificates of completion to the WVDNR for completed construction contracts.
  - i. Review original drawings and provide to the WVDNR a digital copy on disk and two (2) sets of black line prints of "as-built" plans
  - j. Advise the WVDNR whether the project can meet the project performance standards.
  - k. Attend monthly meetings during the construction period.
  - I. Represent the WVDNR in technical matters and litigation, if required
  - m. Provide engineering services during start-up of the facility.
  - n. Provide training to WVDNR employees for the operation of the new facility.
  - o. Provide one (1) year project performance certification.

#### Field Services

- a. A Qualified Design Professional will make periodic visits to the site to observe the progress and quality of the executed work, and determine, in general, if the work is proceeding in accordance with the contract documents.
- b. Efforts will be directed toward providing assurance to the WVDNR that the completed project will conform to the requirements of the contract documents.
- c. Make general monthly construction progress reports to the WVDNR.
- d. Observe initial operation of the project, or any performance tests as required by the specifications.



- e. Make final inspection and report on the completed project.
- f. Advise the WVDNR of any special test or necessary outside services that may be required to assist construction of the project.
- g. On the date, one (1) year after the initiation of the operation of the project, a Professional Engineer shall certify to the WVDNR whether the project can meet the project performance standards in accordance with requirements for the project.
- 3. Resident Inspection Services During Construction
  - a. A Resident Project Representative(s) will be furnished for each construction contract (as a minimum) to provide extensive representation at the project site during the construction phase.
  - b. Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative(s), the WVDNR will be provided further protection against defects and deficiencies in the work
  - c. In addition to the general duties outlined above, the Resident Project Representative(s) will:
    - Observe the installation of approved materials and equipment and construction techniques and procedures in accordance with contract documents.
    - ii. Aid in public relations activities as the construction progresses through private property.
    - iii. Monitor the construction schedule and report conditions which may cause delay in completion.
    - iv. Review contract documents with the contractor's superintendent
    - v. Obtain necessary interpretations and transmit them to the contractor.
    - vi. Consider the contractor's suggestions and recommendations, evaluate them, and submit them with recommendations for a final decision.
    - vii. Attend field meetings as directed and report on the proceedings.
    - viii. Observe tests required by the contract documents, and record and report test procedures and, where applicable, the results
    - ix. Maintain records at the construction site in an orderly manner, including correspondence, change orders, supplementary drawings, requests for payment, and names and addresses of contractors, subcontractors, and principal material suppliers.



- x. Keep a journal or logbook recording time and activities related to the project, weather conditions, nature and location of work being performed, verbal instructions and interpretations given to the contractor, and specific observations, record any occurrence of work that might result in a claim for a change of contract sum or contract time, and maintain a list of visitors, their titles, and time and purpose of their visit.
- xi. Review applications for payment submitted by the contractor and forward them with recommendations for disposition.
- xii. Prepare a punch list as construction nears completion and inform contractor of items on punch list.
- xiii. Assist in final inspection of the work.

#### **SPECIAL SERVICES**

- 1. Land Surveys
  - a. Easements and right-of-way plat maps
  - b. Verify existing aboveground and underground utilities.
  - c. Construction stakeout of proposed improvements of connection with existing utilities
- 2. Attendance at Public Meetings to represent the WVDNR on technical matters.
- 3. Attendance at Technical Meetings with the WVDNR, DEP, etc.
- 4. Furnish technical assistance to the accountant and legal staff.
- 5. Provide technical testimony before courts and / or administrative hearings related to the project.



#### **PROJECT EXPERIENCE**

#### 1. West Virginia Department of Economic Development

• **Description:** Providing Engineering Services for Environmental Site Assessment, Engineering & Project Management for the Site Ready Program for the State of West Virginia.

#### 2. Coopers Rock Wastewater and Water Improvement Project

 Installation of new wastewater treatment plant, pump station, RV Duml Statkon, and gravity sewer lines for the McCollum Campground. Installation of Water Upgrades, including new holding tank

#### 3. Berkley County PSSD, Berkley County, WV

• **Description:** Design of improvements at the wastewater treatment plant which included replacement of two pump stations and gravity sewer lines

Funding Source: BCPSSDProject Cost: \$1,000,000

• Project Status: In Construction

#### 4. City of Sistersville, Tyler County, WV

• **Description:** Planning and design of improvements to the existing water lines, and connection to Tyler County PSD for water source and purchase

Funding Source: WVIJDC
Project Cost: \$4,550,000

• Project Status: In Construction

#### 5. Syracuse - Racine Regional Sewer District, Meigs County, OH

• **Description:** Design of improvements at the wastewater treatment plant which included a new headworks system.

Funding Source: SLFRF
Project Cost: \$1,411,779
Project Status: Awaiting Bid

#### 6. City of Jackson, Jackson County, OH

• **Description:** Preparation of preliminary review drawing, design, permitting, and construction administration of the Mill Street sewer extension and water line improvements

Funding Source: SLFRF
Project Cost: \$1,006,174
Project Status: Awaiting Bid

#### 7. Kanawha PSD, Kanawha County, WV

• **Description:** Planning, design, and construction management of 6 miles of gravity sewer & force mains, two (2) pump stations and three (3) grinder pump stations for Winifrede Hollow. Environmental assessment performed for construction of pump stations.



#### **PROJECT MANAGEMENT**

With over 100 years of combined professional experience, the project team will be made up of the following personnel, along with the rest of New River Engineers, Inc.

Jessie O. Parker, Jr., P.E. Chief Executive Officer / Principal Engineer

Email: jop@nreiwv.com

Christopher D. Burford Chief Operating Officer

Email: cburford@nreiwv.com

D. Matt Shelton Vice President / Project Manager

Email: dms@nreiwv.com

Ashok M. Sanghavi, P.E., DEE, QEP Senior Engineer

Email: a.sanghavi@s-s-eng.com

Charles "Chuck" B. Kurzyna, P.E., P.S. Senior Engineer / Surveyor

Email: ckurzyna@nreiwv.com

Eric T. Hartwell, P.E. Senior Engineer

Email: eth@nreiwv.com

Joshua D. Cook, P.E., PMP Senior Engineer

Email: jdc@nreiwv.com

Randy B. Crace, P.S. Senior Surveyor

Email: r.crace@nreiwv.com

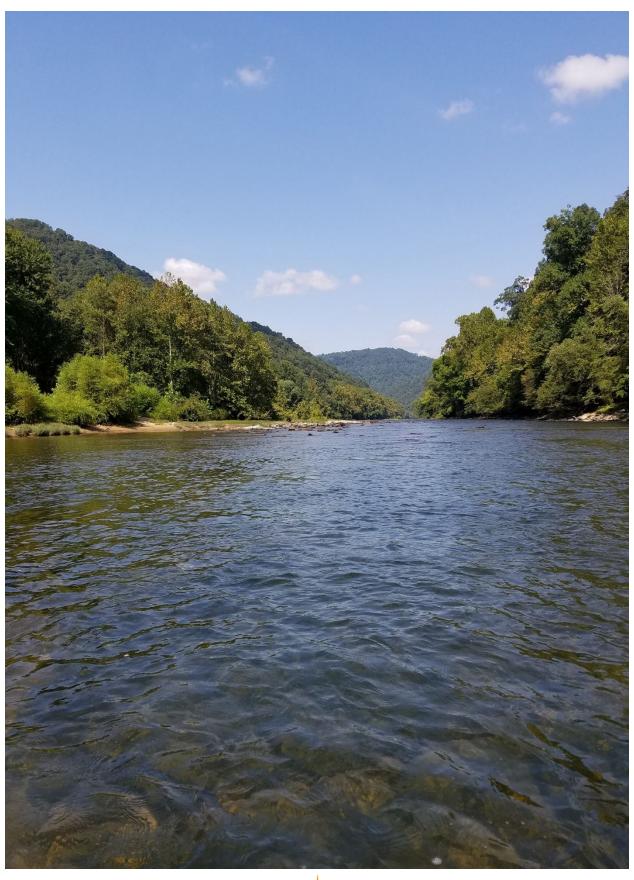
Aaron Huston Junior Engineer / Project Manager

Email: abh@nreiwv.com

Noah Julian Junior Engineer / Project Manager

Email: ngj@nreiwv.com





New River Engineers, Inc. EOI for WVDNR Engineering Services



#### **RESUMES OF KEY PERSONNEL**



Jessie O. Parker, Jr., P.E. CEO / Senior Engineer

Mr. Parker began his career in 2003 working on a variety of environmental throughout projects West Virginia. Kentucky, Ohio, and Virginia. Mr. Parker has served in the capacity of Engineer, Project Manager, and Principalin Charge for a variety of projects at S & S. This experience includes environmental, water supply, wastewater, storm water projects. Mr. Parker's drainage responsibilities include planning, design, and construction administration.

Mr. Parker also has experience in grading plans, construction management, payment request approvals, quantity & cost estimates, and has worked with City, Town & PSD personnel, regulatory and funding agencies, as well as contractors.

Mr. Parker has proven to move projects forward in a professional, cost-effective, and timely manner. Has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is very familiar with federal and state grant and loanprograms.

#### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering West Virginia University Institute of Technology December 2002

#### **Master of Science**

Engineering Marshall University May 2006

#### **CERTIFICATIONS**

Environmental Site Assessment Commercial Real Estate December 2016

Professional Engineer (WV)

Professional Engineer (OH)

Professional Engineer (KY)

Professional Engineer (VA)

Professional Engineer (MD)

Professional Engineer (NC)

Professional Engineer (DC)

Professional Engineer (SC)

Professional Engineer (PA)

Professional Engineer (TN)

#### PROFESSIONAL AFFILIATIONS

Water Environment Federation American Water Works Association American Society of Civil Engineers Society of American Military Engineers West Virginia Rural Water Association Contractors Association of West Virginia





Christopher D. Burford
COO / Project Manager
Green and Associates, LLC
New River Safety, LLC
Ellison Ridge Mining, LLC

Mr. Burford has been with NREI for over fifteen years. As the Project Manager, he Surface and Underground oversees Mining Permit Applications, is the Manager of Surveying Crews, manages State and Federal Safety Plans and Permits. Construction Oversight oversees & Construction Management, and Mine Planning.

Green and Associates, LLC, St. Clairsville OH – manager and supervisor of survey crews and office personnel, business development, and coordination with clients on various projects.

New River Safety, LLC, – manager and Supervisor of safety instructors, electrical inspectors, and office personnel, business development, and coordination with clients and government entities.

Ellison Ridge Mining, LLC – management and oversight of various sub-contractors over mining, reclamation, and civil site construction projects, business development, and coordination with clients and government entities.

#### **EDUCATION**

#### **Associate of Science**

Civil Engineering Technology West Virginia University Institute of Technology May 2004

#### **CERTIFICATIONS**

Certified Underground Coal Miner
Certified Surface Coal Miner
MSHA Certified Limited Instructor
MSHA Certified Gravimetric Dust Sampling
MSHA Certified Gravimetric Dust Calibration &
Maintenance

Heartsaver First Aid, CPR & AED Certified
Safe Land USA PEC Safety
MSHA – Methane / Oxygen Deficiency Qualified
APNGA Portable Nuclear Gauge Safety &
USDOT Hazmat Certified

APNGA Certificate of Achievement Radiation Safety Officer Class

#### **PROFESSIONAL AFFILIATIONS**

Contractors Association of West Virginia West Virginia Rural Waters Association West Virginia Coal Association Friends of Coal Association







D. Matt Shelton
Vice President / Project Manager

Mr. Shelton began his career in 2004 working in civil engineering fields such as development. site water supply, wastewater, storm water and drainage. has experience in surveying, construction management, record keeping, quantity and payment reviews, inspection and site grading. Having worked with general contractors. subcontractors. community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

Experienced in site grading, surveying, quantity surveys, building layout, water & sewer system design and construction inspection on civil engineering projects.

#### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering Technology West Virginia University Institute of Technology May 2005

#### **CERTIFICATIONS**

Environmental Site Assessment Commercial Real Estate December 2016

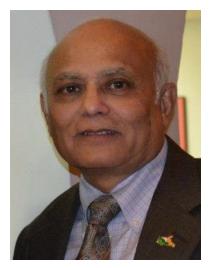
#### PROFESSIONAL AFFILIATIONS

Water Environment Federation Contractors Association of West Virginia

Experience as Engineering Technician including design of water line extensions, water booster stations, water storage tanks, wastewater pump stations, sewer line extensions, manholes, drainage calculations, and preparation of quantity and cost estimates.

Experience as Survey Technician / Instrument man includes topographic surveys, construction stakeout for water & sewer systems and highways, building layout, cut sheets for sewer systems, GPS surveying for field control work, etc.





Ashok M. Sanghavi, P.E., DEE, QEP Senior Engineer / Quality Control Officer

Over forty-six years of professional experience in civil engineering fields such as environmental. water supply, wastewater, solid wastes management, drainage, and mining. He has provided planning, design, construction management and technical expert testimony for environmental and general civil engineering projects. He has prepared Phase I environmental site assessments and carried out subsequent Phase II and Phase III remediation work. He has prepared environmental impact statements for state and federal highway projects.

Having worked for the private industry as well as state government, he thoroughly understands both sides. He has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is also very familiar with federal and state grant and loan programs.

#### **West Virginia State Health Department**

- 1) Acting Chief, Wastewater Division
- 2) District Engineer
- 3) Water Supply Engineer

#### **EDUCATION**

#### **Master of Science**

Civil Engineering West Virginia University May 1970

Partial Course work for Ph.D.

#### **CERTIFICATIONS**

Professional Engineer (WV)

Diplomate - American Academy of Environmental Engineers

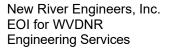
Qualified Environmental Professional, IPEP

#### **PROFESSIONAL AFFILIATIONS**

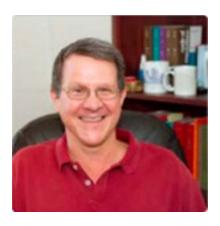
Water Environment Federation American Water Works Association American Society of Civil Engineers West Virginia Rural Water Association Contractors Association of West Virginia

#### **AWARDS**

Arthur Sidney Bedell Award, Water Environment Federation, 1993







## Charles "Chuck" Kurzyna, P.E., P.S. Senior Engineer / Senior Surveyor

Mr. Kurzyna has over 30 years of engineering and management experience in the mining industry and consulting business. He specializes in surface and underground mine design, planning, and surveying; environmental and safety permitting; project and construction management.

Project Manager for a consulting engineering firm, responsible for job estimates and bidding, supervise office staff in engineering related projects including surface mine surveying, reclamation and permitting, reserve studies, etc.

Chief Engineer for a small mining and construction company, responsible for mine planning, production tracking, construction job bidding, construction engineering, etc.

Chief Engineer, Senior Engineer for the Lady Dunn Surface Mine & Preparation Plant; coal reserve evaluations; project engineering for mine related facilities; environmental permits for large surface and deep mining operation; etc.

#### **EDUCATION**

#### **Bachelor of Science**

Mine Engineering Technology West Virginia Institute of Technology May 1979

#### Associate of Science

West Virginia Institute of Technology May 1977

#### **CERTIFICATIONS**

Professional Engineer (WV)
Professional Engineer (OH)
Professional Engineer (PA)
Professional Engineer (VA)
Professional Engineer (KY)
Professional Engineer (GA)
Professional Surveyor (WV)
Underground Mine Foreman
Surface Mine Foreman

#### PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia West Virginia Coal Association Friends of Coal Association Society of Mining Engineers





Eric T. Hartwell, P.E. Senior Engineer

Mr. Hartwell joined New River Engineers, Inc. in January 2023, and has over 25 years of experience in planning, design, and construction of environmental projects. Mr. Hartwell has a background in the design and construction of wastewater treatment and collection systems, water treatment and distribution systems, and industrial oil water separators. Mr. Hartwell was an integral part of the design team for several wastewater treatment plant upgrade projects and over 70 pump stations ranging in size from 5 to 7000 gallons per minute. He has also been involved in the design of multiple water treatment plants and pumping stations. Mr. Hartwell has been involved with the design and construction of water storage tanks and pressure reducing valve stations. Mr. Hartwell has worked on environmental projects throughout West Virginia. Mr. Hartwell has served in the capacity of Engineer and Project Manager, throughout his career. This experience includes environmental, water supply and distribution, wastewater collection and

#### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering
West Virginia Institute of Technology
December 1995

#### **Master of Science**

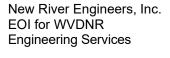
Civil Engineering West Virginia University December 1997

#### **CERTIFICATIONS**

Professional Engineer (WV)

treatment, water loss and infiltration and inflow reduction projects. Mr. Hartwell's responsibilities include planning, design, construction administration, preparation of operation and maintenance manuals and operator training.

Mr. Hartwell also has experience in construction management, payment request review and approval, quantity &cost estimates, and has worked with City & PSD personnel, and regulatory agencies, as well as contractors.







Joshua D. Cook, P.E., PMP

Morgantown Engineering Manager / Senior Engineer

New River Engineers Inc.

Josh began his professional career in 2012 and has worked on a variety of civil engineering projects throughout West Virginia, Ohio, Virginia, Maryland, and Pennsylvania. During his career, Josh has served as Project Engineer, Project Manager, and Engineering Manager for Coal and Natural Gas Companies and Municipal Engineering Consulting Firms, including New River Engineers.

Josh has experience in Environmental Remediation, Groundwater Protection Plans (including Spill Prevention, Control, and Countermeasure Plans), Stormwater Permitting and Design, Construction Management, Water, Wastewater, Storm Water, and a variety of Natural Gas Experience.

Josh has been successful in managing a variety of projects to remain on-time, on-budget, and compliant.

#### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering
West Virginia University Institute of Technology
December 2012

#### **Master of Science**

Engineering Marshall University May 2014

#### CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (OH)
Project Management Professional (PMP)

#### **PROFESSIONAL AFFILIATIONS**

American Society of Civil Engineers West Virginia Rural Water Association Business Networking International (BNI) Project Management Institute (PMI)





Randy B. Crace, P.S. Senior Surveyor

Mr. Crace began his career in 1983 working on a variety of surveying and engineering projects. Areas of concentration boundary surveys, mapping, topography, subdivisions, annexations, right of ways, subdivision development, construction stakeout, aerial mapping controls, GPS-RTK survey control networks, oil and gas well locations, surface and underground mining permits, construction stakeout, hydrology, erosion and sediment control plans, storm water retention systems, site grading plans, parking lot layout, WVDOH driveway permits. Cad software programs. Geographic Information Systems, Phase I -ASTM environmental site assessment and expert witness testimony in the surveying field.

U.S. Army - SP4 HonorableDischarge - 1974

#### **EDUCATION**

#### **Bachelor of Science**

Industrial Technology West Virginia State College, Institute December 1989

Master of Science Environmental Studies MUCGS. Institute of WVPartial Course Work

#### **CERTIFICATIONS**

Environmental Site Assessment Commercial Real Estate Certification ASTM E-1527 & E-1528 October 2001

ASTM E 1527-05 Phase I and USEPA AAI October 2006

ACSM Surveying Instrumentation and Coordinate Computation Certificate, 1978

Center College, Charleston, WV Technical Degree, Drafting – 1970

Professional Surveyor (WV) Professional Surveyor (KY) Professional Surveyor (OH)

#### **PROFESSIONAL AFFILIATIONS**

West Virginia Association Land Surveyors American Congress on Surveying & Mapping National Society of Professional Surveyors American Institute of Architects, WV





Aaron B. Huston Junior Engineer

Mr. Huston began his career at New River Engineers, Inc. in September 2019.

#### **EXPERIENCE**

#### JUNIOR ENGINEER

Responsibilities include site civil design, water, wastewater, & stormwater system design using Civil 3D. Projects include the development of multiple campgrounds with utilities and various water & sewer extension/ rehabilitation projects throughout West Virginia and Ohio.

Mr. Huston also has experience with permitting from various agencies including WVDEP, WVDHHR, WVDOH, OEPA, & local Railroads.

#### **DENSITY TESTING INSPECTOR**

Density Testing Inspector for Advance Testing Company, Inc. – Campbell Hall, NY, responsibilities included handling Nuclear density gauge and performing density testing on asphalt for a variety of projects in New Jersey.

#### **EDUCATION**

#### **Bachelor of Science**

Civil Engineering West Virginia University May 2019

#### **CERTIFICATIONS**

APNGA Portable Nuclear Gauge Safety & USDOT Hazmat APNGA Certificate of Achievement - Radiation Safety Officer Class Qualified Preparer of Stormwater Pollution Prevention Plans Qualified Compliance Inspector of Stormwater NYSHMA Density Testing Inspector Certified QC/QA HMA Technician OSHA

#### PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia







Noah Julian Junior Engineer

Mr. Julian began his career at Alcon in 2021 working as a validation engineer on a variety of machines and processes for making intraocular lenses. Mr. Julian gained experience with PLC systems. This experience includes Allen Bradley systems, as well as PC Based systems. Mr. Julian also has experience with FDA guidelines and regulations for CSV systems, as well as the guidelines for installation, operational, performance qualifications and equipment, whether it is new, retrofitted or revalidated. Mr. Julian's responsibilities include mechanical systems and design.

Mr. Julian also has experience with machine design, hydraulic system and component design for machines, 3D and 2D CAD drawings, and proficient with Microsoft Excel and VBA. Mr. Julian has also worked within MSHA guidelines for machines.

Mr. Julian has proven to move projects forward in a professional, cost-effective, and timely manner. He has extensive knowledge of machines and computers, as well as FDA and MSHA regulations.

#### **EDUCATION**

#### **Bachelor of Science**

Mechanical Engineering West Virginia University Institute of Technology May 2020





#### **CLIENT REFERENCES**

Mr. Ian Wise, Board President Syracuse-Racine regional Sewer District P.O. Box 201 Racine, OH 46771 (740) 949-2416

Mr. Jeremy Lewis, General Manager Nitro Regional Wastewater Utility (City of Nitro) P.O. Box 607 Nitro, WV 25143 (304) 755-3669

Mr. Jacob Pack, Executive Director Kanawha Public Service District P.O. Box 8 Cabin Creek, WV 25035 (304) 595-2203

Mr. Rob Palmatier, Capital Projects Manager Berkeley County Public Service Sewer District P.O. Box 944 Martinsburg, WV 25402 (304) 263-8344

Mr. Josh Perdew TC Energy 700 MacCorkle Avenue, SE Charleston, WV 25314-1515 (304) 722-8608

Mr. Jamie Hake Allegheny Contracting, LLC 13374 Boot Jack Road Ridgway, PA 15853 (814) 772-2525

Mr. Marty Blankenship, Fire Chief Glasgow Fire Department 119 Tompkins Avenue Glasgow, WV 25086 (304) 421-5101 Hon. Randy Evans, Mayor City of Jackson 145 Broadway Street Jackson, OH 45640 (740) 286-3492

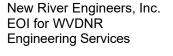
Hon. Joetta Hatfield, Mayor Town of Fort Gay P.O. Box 336 Fort Gay, WV 25514 (304) 648-5246

Hon. Bill Rice, Mayor City of Sistersville 200 Diamond Street Sistersville, WV 26175 (304) 652-6361

Mr. John McNew United Coal Company 109 Appalachian Dr. Beckley, WV 25801 (304) 550-2324

Mr. Edward Brown Blackhawk Mining, LLC 3228 Summit Square Place Lexington, KY (304) 590-2487

Mr. Bran Worley Contoura Energy, LLC 208 Business Street Beckley, WV 25801 (304) 929-6626





#### **SAFETY**

In today's ever-changing workplaces, we place safety as an utmost necessity for all employees. We are fully committed to provide our employees with knowledge and training to complete all tasks in a professional manner and to prepare them with a safe and hazard free work environment.











#### **OUR TEAMING PARTNERS**



**Tempo Construction, LLC** 



Larson Design Group



American Geotech, Inc.



**Carr Excavating** 

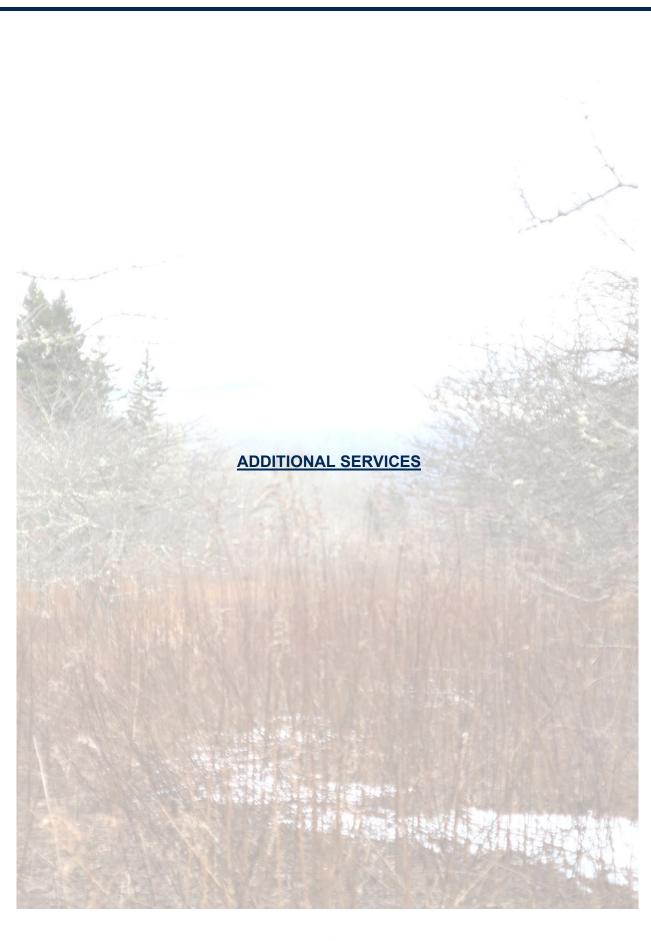


**Allstar Ecology** 



Airport Design Consultants, Inc.







# Water Supply, Treatment, Storage, and Distribution Systems

With over forty years of experience, we are your one stop shop for water supply, treatment, storage, and distribution systems. We implement our four-step process to each project to develop a better understanding of our client's needs and expectations: 1. Preliminary Engineering Report; 2. Design Phase; 3. Bidding Phase; 4. Construction Administration. We are "hands on" during all phases to ensure our clients obtain what they want in every project.

As a locally owned "small family" consulting firm, our clients get more for their money and receive more one-on-one time with our employees, which yields a more pleasurable experience. We excel in helping our clients ascertain funding from various governmental agencies to assist in the financing of the project.







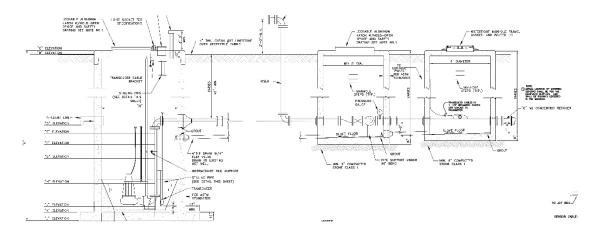
New River Engineers, Inc. EOI for WVDNR Engineering Services



# Wastewater Collection & Treatment Systems / Industrial and Hazardous Waste Treatment Systems

We recognize the importance and understands the hurdles that our clients must maneuver to offer wastewater service to their customers. We have a proven track record with a vast knowledge of local conditions and an excellent reputation with all regulatory, funding, permitting, and enforcement agencies. Our crew, from CAD Techs to the President, is included in all phases of the project. We have the knowledge and capacity to carry out the workload in a timely manner.

We have a full understanding of wastewater systems from small treatment facilities to municipalities, all the way to industrial wastewater systems. We are thoroughly knowledgeable in obtaining federal, state, and local funding, and are available to you 24/7. We will see your projects from conception to completion.









# Construction Management and Civil Site Design

We have been providing construction engineering solutions to our clients, including towns and municipalities for a combined total of over 60 years. We have established ourselves as one of the leading consulting firms in the area, and our experienced staff is committed and dedicated to your project from the initial site design and bid package development to inspections and certification.

We also offer Civil Site Design services including sub-division layouts, commercial development and design, HCA project areas, well pads, impoundments, street paving, drainage control, solid waste landfill, and impoundment design. We know and understand the value and importance of properly designed sites that offer the most cost effective and beneficial for our clients. Construction Management and Civil Site Design services include, but are not limited to the following:

- 3D Site Design
- Haulage & Access Road Design
- Excess Spoil Disposal Site Design
- Drainage Design and Runoff Calculations
- Solid Wastewater
   Management and Land Fill
   Design
- Subdivision Design and Permit Applications
- Site Development Plans
- Pre, During, & Post Construction Surveying
- HECRAS Modeling

- Stability analysis
- Site inspections / Project Management
- Certifications
- Cost Estimates
- Subdivision Design
- Street Paving Design and Drainage Control
- Construction Management
- Earth work quantity Estimates
- Construction Staking
- Concrete Testing and Inspection



New River Engineers, Inc. EOI for WVDNR Engineering Services





## **Environmental Permitting**

Environmental permitting has become a complex and confusing landscape. We have an efficient and thorough team of environmental consultants making sure permitting, regulatory compliance, construction monitoring, and biological surveying are done with the utmost quality and cost effectiveness. This will save your project time and money from the start and avoid costly delays in the future. Compliance with Clean Air and Water Acts, NEPA, and other state and federal requirements is invaluable to every project. Our attention to detail and practical solutions to complex issues are second to none. Our environmental permitting team will make sure once your project is off the ground, it stays there! Environmental Permitting services include but are not limited to the following:

#### **Environmental Permitting services**

- Strom Water Permitting, Design, and Management
- Water Quality Monitoring
- Flood Plan Determination and Flood Elevation Certificates
- Groundwater Protection Plans
- Stream & Wetland Delineation
- Spill Prevention Control & Countermeasures Plan (SPCC)
- Article 3 Mining Permits
- Article 11 NPDES Permits

- West Virginia 401 Certification Permitting
- Wastewater Permitting, Design, & Management
- Clean water Act Section 402 Permitting (NPDES Permit)
- United States Army Corps of Engineers 404 Permitting
- Air Quality Permitting
- Best Management Practices (BMP) Planning







## **Environmental Permitting (Cont.)**

#### **Environmental Permitting Services**

- Ohio State Historic Preservation Office (SHPO)
- National Environmental Policy Act (NEPA)
- US Environmental Protection Agency (EPA)
- National Conservation Planning Partnership (NRCS) & Forest Service
- United States Department of Agriculture (USDA) – Rural Development
- West Virginia Public Lands
- WV Department of Natural Resources (DNR)
- US Fish & Wildlife
- WV Culture & History
- Ohio Department of Natural Resources (DNR)

- Ohio environmental Protection Agency (DNR)
- Ohio Environmental Protection Agency (EPA)
- Ohio Public Works Commission (OPWC)
- Ohio Department of Commerce/Division of Industrial Compliance
- Virginia Department of Environmental Quality (DEQ)
- Federal Aviation Administration (FAA)
- EPA & WV DEP Compliance
- Environmental Site Assessment
- Local Agency Building / Construction







## Mining Engineering

We are a full-service surveying, engineering, and consulting firm with deep roots in the mining industry of southern WV. Our qualified staff of professional engineers, engineering technicians, and professional surveyors have decades of combined experience in the field of mining engineering. We have established ourselves as one of the areas' leading mining engineering firms – specializing in both surface and underground mine design / planning; surveying; environmental and safety permitting; and project / construction management. We put the focus on identifying the needs of clients and providing cost-effective solutions with real results.

### Mining Engineering Services

- Coal Reserve Analysis and Evaluation
- Surface Mine Design and Planning
- Mine Surveying and Mapping
- MSHA / WVOHS&T Permitting
- Ventilation Plans
- Roof Control Plans
- Mining Under Bodies of Water (1716 Permit)
- Horizontal Drilling
- Methane and Dust Control (MMU Plan)

- West Virginia Mineral Tax Appraisal
- Returns
- Pre-Blast Surveys
- Prospecting Permits & Releases
- Slope Stability Analysis
- Reclamation & Revegetation Planning
- Valley Fill Certifications
- Drainage Certifications
- Ventilation Plans
- MSHA Compliance
- MHS&T Compliance



# Oil & Gas Engineering

The natural gas boom in the US has brought a wealth of opportunity for energy companies in the United States. We have answered the call of these companies by providing solutions to the unique design, permitting, and environmental needs of the ever-evolving Oil and Gas Industries

Oil and Gas engineering requires a unique approach to project development that differs from mining engineering. Our experienced staff is available to consult with clients on the mist practical and cost-effective manner of addressing oil and gas engineering concerns. With a professional staff encompassing surveying, AutoCAD, professional engineers, and engineering technicians – we have the capacity to tackle the most complex oil and gas engineering projects

### Oil and Gas Engineering Services

- Gas Well Plats and Permits
- Well Location and Stakeout
- Site Design
- Gas Line Surveys
- Unit Surveys
- HCA Project Areas
- Right-of-Way

- Impoundment Design, Construction, and Certification
- Access Road Design and Stakeout
- Construction Layout and Oversight
- Pumps & Water Line Design





## **Geotechnical Engineering**

We have professional engineers and engineering technicians with extensive geotechnical engineering experience. We specialize in compaction testing, foundation design, slope failure remediation and embankment design. We put the focus on identifying the needs of clients, and providing cost-effective solutions with real results

### **Geotechnical Engineering Services**

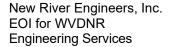
- Drilling Oversight, Management, and Inspection
- Slope failure Remediation
- Slope Stability Analysis
- Gabion Basket Wall Design

- Compaction Testing
- Foundation Design
- Embankment Design
- Drainage Analysis
- Soldier Pile Wall Design











## **Structural Engineering**

We offer a full range of structural engineering services to help meet the needs of our clients. In addition to professional training, our structural capabilities are bolstered by a depth and breath of experience developed through solving unique and complex engineering challenges. We have experience with projects in the private, public, commercial, and industrial sectors. Whether designing new structures, retrofitting existing structures, addressing overstressed conditions, or assessing, structural integrity, our clients can rest assured that we are capable of meeting their specific needs.

### **Structural Engineering Services**

- Structural Analysis
- Steel Structures and Building Enclosures
- Modular Design
- Pilings and Foundations
- Concrete Containment Structures
- Retrofit of Existing Overstressed Structures

- Building Permits and Code Analysis
- Bridge Cranes, Monorails, Jibs, etc.
- Truck/Rail Unloading Stations
- Lifting Beams and Rigging
- Industrial Architectural Design
- Structural Inspections and Assessments









New River Engineers, Inc. EOI for WVDNR Engineering Services



## **Surveying**

We have established ourselves as one of the area's leading surveying firms with our 40+ years of experience in property, boundary, and topographic mapping. Our staff is skilled in courthouse research, finding property evidence, providing quality property surveys, and construction stake-outs.

Additionally, we offer aerial mapping utilizing drone surveys. Our aerial mapping has been proved to be invaluable for construction progress mapping, well pad progression, subdivision layouts, and civil site designs. Surveying services include, but are not limited to the following:

- Property Abstract & Research
- Boundary Surveys
- Survey Plats
- Subdivision Design & Layout
- Construction Surveying & Stakeout
- Underground Mining Surveying
- Right-of-Way & Land Acquisition
- GPS Services

- Aerial Mapping / Control
- Drone Flight & Surveying
- Topographical Surveys
- ALTA / ACSM Land Title Surveys
- Unit Surveys
- Surface Mining Surveying
- Computer Mapping
- GIS Services





New River Engineers, Inc. EOI for WVDNR Engineering Services



## **Subsurface Utility Survey**

We use some of the most advanced technology in Ground Penetrating Radar (GPR), pipe and cable locators, and smoke testing machines to accurately survey, map and inspect subsurface utilities. These services have been extensively used by our clients in the construction, oil, and gas industries, as well as public service districts. Subsurface Utility Survey services include, but are not limited to the following:

- Pipe and Cable Location
- Sewer Line Smoke Testing

- Ground Penetrating Radar (GPR)
- Internal Video Pipe Inspection







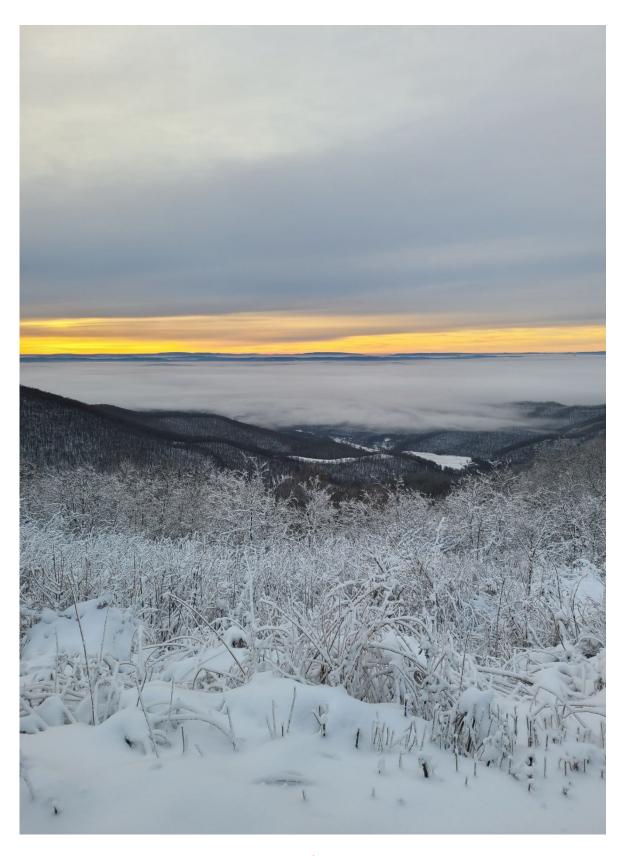




## **Technical Expert Testimony**

With over forty years of professional engineering experience, we are more than capable of providing expert witness testimony to our clients should a need arise. We have multiple registered professional engineers in various disciplines, and these professionals are licensed throughout the United States. We are more than willing and ready in an utmost resolute manner to defend our clients and ensure that their interests are represented in the courtroom.







**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title)
(Address)
(Phone Number) / (Fax Number)
(email address)
CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.  By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract
clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity
entering into this contract is prohibited from engaging in a boycott against Israel.
(Company) (Signature of Authorized Representative)
Signature of Outhorized Representative)
(Printed Name and Title of Authorized Representative) (Date)
(Phone Number) (Fax Number)

(Email Address)

### 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.

(Check the box next to each addendum recei	ved)
I further understand that any verbal represent discussion held between Vendor's representa	[] Addendum No. 6 [] Addendum No. 7 [] Addendum No. 8 [] Addendum No. 9 [] Addendum No. 10  ot of addenda may be cause for rejection of this bidation made or assumed to be made during any oral atives and any state personnel is not binding. Only the specifications by an official addendum is
Company Authorized Signature	
Date	

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

Revised 8/24/2023

document processing.