



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 @ 1

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1954879

Procurement Type: Central Contract - Fixed Amt

Vendor ID:

Legal Name: NEW RIVER ENGINEERS INC

Alias/DBA:

Total Bid: \$0.00

Response Date:

Response Time:

Responded By User ID:

First Name:

Last Name:

Email:

Phone:

SO Doc Code: CEOI

SO Dept: 0926

SO Doc ID: PSC2600000002

Published Date: 4/30/26

Close Date: 5/6/26

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 1954879
Solicitation Description: Engineering Review of MARL Project
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2026-05-06 13:30	SR 0926 ESR05042600000007592	1

VENDOR
 000000209931
 NEW RIVER ENGINEERS INC

Solicitation Number: CEOI 0926 PSC2600000002
Total Bid: 0
Response Date: 2026-05-04
Response Time: 18:03:25
Comments:

FOR INFORMATION CONTACT THE BUYER

Larry D McDonnell
 304-558-2063
 larry.d.mcdonnell@wv.gov

Vendor 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	Review - Mid-Atlantic Resiliency Link (MARL)				

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments: 0

Extended Description:

Please see attached documentation for further details.

Engineering Review of MARL Project Mid-Atlantic Resiliency Link (MARL)

Expression of Interest for A/E Services

for

State of West Virginia, Department of Administration

May 5, 2026



Presented by:
NEW RIVER ENGINEERS, INC.
501 Eagle Mountain Road
Charleston, WV 25311
304.342.7168



New River Engineers, Inc.



May 5, 2026

State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston WV 25305-0130
via wvOASIS

Re: Engineering Review of MARL Project – CEOI PSC26-02
Expression of Interest – Engineering Consulting Services

Dear Distinguished Selection Committee:

New River Engineers, Inc. (NREI) is pleased to submit our statement of qualifications to provide engineering consulting services to review the Mid-Atlantic Resiliency Link (MARL) project for approximately 58.9 miles of 500 kV transmission lines and related facilities in Monongalia, Preston, Mineral and Hampshire Counties.

NREI is a highly qualified and experienced engineering, architectural and environmental firm providing services for municipal, federal, state, industrial and commercial clients throughout the states of West Virginia, Ohio, Virginia, and Kentucky.

For over 28 years, NREI has completed 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.

Joshua D. Cook, P.E., PMP
President
jdc@nrenginc.com

Enclosure

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI PSC26*02

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 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.

New River Engineers, Inc.

Company



Joshua D. Cook, P.E., PMP, President

May 4, 2026

Date

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

**REVIEW – MID-ATLANTIC RESILIENCY LINK
CEOI PSC26-02**

TABLE OF CONTENTS

EXPRESSION OF INTEREST1
FIRM OVERVIEW2
PLAN OF APPROACH3
PROJECT EXPERIENCE8
ORGANIZATIONAL CHART9
RESUMES OF KEY PERSONNEL10
ADDITIONAL SERVICES17



EXPRESSION OF INTEREST

New River Engineers Inc. (NREI) is pleased to express our interest in providing engineering, architectural, environmental and surveying services to the State of West Virginia's Public Service Commission (Agency). Our team is an engineering, architectural, environmental services, and surveying 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 Agency. 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, Virginia, and Kentucky. 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 Agency as any need would arise.

As President of our firm, **Joshua D. Cook, P.E., PMP** will lead projects for the Agency. He can be reached at **681.668.1809** or **jdc@nrenginc.com**. Josh has a Master of Science in Engineering from Marshall University and a Bachelor of Science in Civil Engineering from WVU Institute of Technology. Josh has served as a Projects Engineer, Project Manager and Engineering Manager for municipal engineering consulting, and the coal and natural gas industry. Josh will be assisted by Jessie O. Parker, P.E., Eric T. Hartwell, P.E., Michael E. Noel, NCARB, Kaylene N. Cochran, M, Arch., D. Matt Shelton, Randy B. Crace, P.S. 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 become well rounded and deeply involved with each project. Our engineers are able to put their heads together to create an excellent working knowledge of projects, creating high quality, personalized, and professional services.



FIRM OVERVIEW

New River Engineers, Inc. (NREI) is an engineering, architectural, surveying and consulting firm that has been providing quality service to our clients and the industries for over 28 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 managed by Joshua D. Cook, P.E., PMP, President and Eric T. Hartwell, P.E., Vice President. NREI has successfully provided an integrated approach to publicly funded projects for our clients. NREI provides professional services to owners and operators, and contractors throughout West Virginia, Ohio, Virginia, Kentucky 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, engineering and architectural experience and includes five professional engineers, one architect, two professional surveyors, eight 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, Management and Surveying
- Geotechnical Engineering & Drilling Management
- Architectural and Interior Design
- Environmental Permitting (DEP, NPDES, OAQ and USACOE)
- Underground / Surface Mine Engineering
- Civil Site Design / Engineering / Planning
- Drainage Design / Engineering / HECRAS
- Compaction Testing with Nuclear Density Gauge
- Subsurface Utility Locate Surveys with GPR & Pipe and Cable Locators
- Oil & Gas Surveying
- Boundary & Property/Topographical Surveying
- Aerial Mapping, GPS RTK & Static Surveying
- Reserve Studies

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 competence 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

NREI believes in a team approach for the development of projects. Therefore, our first task will be to meet with the State of West Virginia's Public Service Commission (Agency) 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, Agency officials will be kept informed and involved in all important matters.

NREI will assist the Agency 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 Agency 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 Agency 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 Agency officials to ensure that concerns are addressed.



DESIGN PHASE

NREI will prepare contract documents including plans and specifications 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 Agency officials. Important data sources include, but are not limited to the following:
 - i. Agency Officials
 - ii. WV Department of Environmental Protection
 - iii. USDA Rural Development
 - iv. Soil Conservation Service
 - v. 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 WV DEP and DOH with USDA-RD
 - d. Preliminary Cost Estimates
 - e. Preliminary review with the Agency.
4. Final Design
 - a. Incorporate review comments from the Agency, WV DEP, 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 officiating WV DEP and DOH, 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 Agency 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 Agency 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 Agency for completed construction contracts.
 - i. Review original drawings and provide to the Agency a digital copy on disk and two (2) sets of black line prints of "as-built" plans
 - j. Advise the Agency whether the project can meet the project performance standards.
 - k. Attend monthly meetings during the construction period.
 - l. Represent the Agency in technical matters and litigation, if required
 - m. Provide engineering services during start-up of the facility.
 - n. Provide training to Agency employees for the operation of the new facility.
 - o. Provide one (1) year project performance certification.

2. 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 Agency that the completed project will conform to the requirements of the contract documents.
 - c. Make general monthly construction progress reports to the Agency.
 - 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 Agency of any special test or necessary outside services that may be required to assist construction of the project.



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 Agency on technical matters.
3. Attendance at Technical Meetings with the Agency, 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.

NREI UNIQUE QUALIFIERS

- **98% Repeat Clients.** Dedicated to the provision of sound engineering and having a history with all our clients focusing on quality and safety which is the foundation of our success with clients returning to NREI.
- **Small Business • Multiple Services.** A certified Small Business with 65 employees offering multiple services under the NREI umbrella including: engineering, architecture, interior design, environmental, funding assistance, and surveying services.
- **NREI is of Good Standing.** NREI has a proven track record to complete all projects on time and within budget without litigation against the firm and has never been reprimanded by a Professional Engineering Board or had the Certificate of Authorization suspended.
- **Funding and Permitting Proficiency.** Thorough knowledge and experience in obtaining federal, state and local grant and/or loan funding with an excellent reputation with ALL regulatory, funding, permitting and enforcement agencies

HEADQUARTERS:

501 Eagle Mountain Road
Charleston, WV 25311
304.342.7168

REGIONAL OFFICES:

202 School Drive
Shrewsbury, WV 25015
304.595.3290

3041 University Ave, Ste 6
Morgantown, WV 26505
681.668.1809

507 Richland Ave, Ste 303
Athens, OH 45701
740.566.5699

Green & Associates
156 Woodrow Ave, Ste 2A
St. Clairsville, OH 43950
740.695.9977



PROJECT EXPERIENCE

TC Energy, Various Locations, WV, OH, VA, PA, KY, MI, NY, NJ & Etc.

Engineering, Surveying and Drafting for Multiple Projects Across the Eastern United States. Provide Surveying, Engineering and Drafting Support for the Long Wall Program, HCA Wire-Line Program, HCA-Dig Program, HCA-Hydro Test Programs, and Right-Of-Way Program. Provide Engineering & Geotechnical for Hazardous Steep Slope Winch Plans for Construction Operations.

- **Funding Source:** Private Business / TC Energy
- **Project Cost:** Approximately \$3,500,000 and on-going
- **Project Status:** Started Circa 2017 and continues currently

Putnam County Fiberoptic Broadband, Putnam County, WV

Planning including preliminary engineer site and system review and assessment, design, and construction management of a Broadband Loop System. Survey and Site / Civil Design including boring and trenching around utilities, parking lot, access road, sidewalks, and curbing.

Fayette County Commission Fiberoptic Broadband, Fayette County, WV

Planning including preliminary engineering site and system review and assessment, design, and construction management of a Broadband System. Survey and Site / Civil Design including boring and trenching around utilities, parking lot, access road, sidewalks, and curbing.

City of Montgomery Fiberoptic Broadband, Fayette County, WV

Planning including preliminary engineer site and system review and assessment, design, and construction management of a Broadband Loop System. Survey and Site / Civil Design including boring and trenching around utilities, parking lot, access road, sidewalks, and curbing.

Town of Ansted Fiberoptic Broadband, Fayette County, WV

Planning including preliminary engineer site and system review and assessment, design, and construction management of a Broadband Loop System. Survey and Site / Civil Design including boring and trenching around utilities, parking lot, access road, sidewalks, and curbing.

Nicholas County Commission Fiberoptic Broadband, Nicholas County, WV

Planning including preliminary engineer site and system review and assessment, design, and construction management of a Broadband System. Survey and Site / Civil Design including boring and trenching around utilities, parking lot, access road, sidewalks, and curbing.

City of Saint Albans, Kanawha County, WV

Planning, design, and construction management of a Broadband Loop System including Research of existing internet infrastructure to plan best option for project area, prepared multiple options to gain funding by connecting underserved areas and optimizing county needs, utilized local network information from alpha technologies, broadband GIS information, and local government information to understand existing needs, gathered current speeds and assessed community needs. Developed preliminary design, specifications, construction cost, and lighting up the project cost. Provided operating options with service providers and cost benefit analysis for the commission and community. Provided additional funding options by incorporating unserved and underserved areas along with additional phase options for the network. Provided guidance for CLEC AND E-RATE certification and funding availability. Planning, Design, Construction Management of a Broad Band System.



ORGANIZATIONAL CHART

State of West Virginia



Project Manager
Joshua D. Cook, P.E., PMP
President/Sr Engineer

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

Michael E. Noel, NCARB
Managing Architect

Eric T. Hartwell, P.E.
Vice President/Sr Engineer

Kaylene N. Cochran, M. Arch.
Sr Interior & Architectural Designer

D. Matt Shelton
Senior Project Manager

Randy B. Crace, P.S.
Senior Surveyor



RESUMES OF KEY PERSONNEL



Joshua D. Cook, P.E., PMP

**Project Manager
President / Senior Engineer**

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

Master of Science

Engineering
Marshall University

CERTIFICATIONS

Professional Engineer – WV, KY, OH,
MD, VA, TN, AL, MI

Project Management Professional
(PMP)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

West Virginia Rural Water
Association

Business Networking International
(BNI)

Project Management Institute (PMI)

PROJECT EXPERIENCE

Paint Creek Recreational Trail, Slip Repair, Ross
County, OH

Town of Ansted, Gauley Mountain Bike Trail and Fox
Branch Creek Bridge Trestle, Ansted, WV

Fayette County Park Pool Project, Fayetteville, WV

Fayette County Fireman's Association, New Hawks Nest
Fire Training Center, Fayette County, WV

Meadow Bridge Community Center, WV

Boomer Fire Department House Addition, WV

Athens County Engineer's New Salt Building, Athens,
OH



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

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

Jessie 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.

Jessie has proven to move projects forward in a professional, cost-effective, and timely manner. He 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 loan programs.

EDUCATION

Bachelor of Science

Civil Engineering
West Virginia University Institute of Technology

Master of Science

Engineering
Marshall University

CERTIFICATIONS

Professional Engineer – WV, KY, OH, PA, MD, VA, TN, NC, SC

Environmental Site Assessment
Commercial Real Estate

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

PROJECT EXPERIENCE

Elk River Flood Repairs and Coonskin Park Trail Replacement, Kanawha County, WV

Big Bend Golf Course Slope and Coonskin Park Trail Wall Flood Repair, Kanawha County, WV

CRW Yeager Airport, Runway 5 Slope Failure, Charleston, WV

WV Water Dept Authority, Riverbank Slope Erosion Repair, Charleston, WV

Meadow Bridge Community Center, WV

City of Montgomery Pavillion, Montgomery, WV

Fayette County Park Pool Project, Fayetteville, WV

Fayette County Fireman's Association, New Hawks Nest Fire Training Center, Fayette County, WV





Eric T. Hartwell, P.E.
Vice President / Senior Engineer

Eric has over 25 years of experience in planning, design, and construction of environmental projects. The majority of his experience is in the design and construction of wastewater treatment and collection systems, water treatment and distribution systems and industrial oil water separators.

Eric 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.

Eric oversees the design and construction of water storage tanks and pressure reducing valve stations. He has worked on environmental projects throughout West Virginia. His responsibilities include planning, design, construction administration, preparation of operation and maintenance manuals and operator training for water supply and distribution, wastewater collection and treatment, water loss and infiltration and inflow reduction projects.

Eric also has experience in construction management, payment request review and approval, quantity and cost estimates. His thorough and committed communication skills has earned him repeat clients throughout his career with municipal, PSD personnel, regulatory agencies and contractors.

PROJECT EXPERIENCE

WWTP Improvements, Ronceverte, WV

Chapmanville WWTP Improvements, Chapmanville

Water Treatment Plant Modifications, Ravenswood

Raw Waterline Replacement and Waterline Extension, Nettie-Leivasy PSD, Nicholas County, WV

GSA PSD Phase III Sewer Extension, Saint Albans

Mill Street Water & Sanitary Sewer Replacement, Jackson, OH

Glasgow New Fire House, Glasgow, WV

EDUCATION

Bachelor of Science

Civil Engineering
West Virginia University Institute of Technology

Master of Science

Civil Engineering
West Virginia University

CERTIFICATIONS

Professional Engineer – WV, OH

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia





Michael E. Noel, NCARB
Managing Architect

Mike has recently joined the NREI team as of July 2025 along with his team including architects and CAD drafters. Mike was previously the Principal of Michael Noel Architect, LLC for the past four years. Before establishing his firm, he was Senior Principal with Panich, Noel and Associates for 32 years.

EXPERIENCE REGISTERED ARCHITECT

Responsible for day-to-day design and management of various construction types for the firm.

CONSTRUCTION DOCUMENTS

As the Partner in charge Mike has been partnered to oversee more than \$300 million dollars of construction documents varying from hotels, industrial buildings, churches, prisons, and higher and lower education.

PROJECT EXPERIENCE

Meadow Bridge Community Center, Meadow Bridge, WV

Fayette County Fireman's Association, New Hawks Nest Fire Training Center, Station 18, Fayette Co

Midland Trail Emergency Shelter, Fayette County

City of Montgomery Pavilion, Montgomery, WV

Glasgow Fire Department, Glasgow, WV

Fayette County Park Pool Project, Fayetteville, WV

Emmanuel Baptist Church, Parkersburg, WV

Stout U.M. Family Life Center, Vienna, WV

Wayside United Methodist Church, Vienna, WV

Holiday Inn, Morgantown, WV

Peoples Bank, Vienna, WV

Athens County Engineering Depot

Athens Community Center

Athens High School Baseball Stands, Press Box and Concessions Venue

EDUCATION

Bachelor of Arts
Architecture

Ohio University

Register NCARB

CERTIFICATIONS

Professional Architect –OH, WV, IL, KY, VA

PROFESSIONAL AFFILIATIONS

Athens Rotary Club

Boy Scouts of America

Athletes in Action





Kaylene N. Cochran, M. Arch.

Senior Interior & Architectural Designer

Kaylene works directly with clients, architects, contractors, and engineers to develop construction documents from schematic design to project closeout for state approval. She designs spaces that are functional, safe, up to current building codes, pass inspection regulations, and universal accessibility standards.

Kaylene is highly motivated and detail-oriented designer with a strong foundation in sustainable design principles and proficiency in AutoCAD, Revit, and SketchUp. She contributes a forward-thinking, hands-on approach with a proven ability to collaborate effectively with cross-functional teams to support project success and creates trustful, honest relationships with clients.

EDUCATION

**Masters of Architecture
NAAB IPAL Program**
Boston Architectural College

Bachelor of Fine Arts
Interior Architecture
Business Administration (Minor)
Studio Art (Minor)
Real Estate (Certificate)
Ohio University

PROFESSIONAL AFFILIATIONS

Athens Sunrise Rotary Club

SKILLS

AutoCAD
SketchUp
Revit

PROJECT EXPERIENCE

- Holiday Inn, Renovation Ideation, Morgantown
- Holiday Inn, Remodel, Portsmouth
- Morrison Center, Office Suite Renovations, Athens
- Richland Avenue Fire Station, Athens
- Taco Johns, Athens
- Meadow Bridge Community Center, Athens
- Rustic Charm Event Center
- Silverback Safety and Training Solutions, New Lexington
- Tansky Garage
- Glasgow Fire Department, Fayette County WV
- Fayette County Commission, Fayette County Pool Park, Fayette County, WV
- RXQ Compounding, Albany OH
- New River Engineers, Inc., New Headquarters Building, Teays Valley, WV
- Fayetteville Fire Association/Hawks Nest Training Facility, Fayetteville, WV





D. Matt Shelton
Senior Project Manager

Matt began his career in the field as a surveyor and has progressed to successfully earning a civil engineering degree. It's with this eventual process that makes his skills superior with overseeing site development, water supply, wastewater, storm water and drainage projects. His skills include construction management, record keeping, quantity and payment reviews. His attention to detail and great communication skills has earned him much respect among general contractors, subcontractors, community representatives and residents. His solid techniques move projects in a professional, cost-effective and timely manner.

Matt is experienced in site grading, surveying, building layouts, water & sewer system design and construction inspection on civil engineering projects.

Matt's experience as an Engineering Technician includes 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.

Matt's experience as a Survey Technician/ Instrument team member includes topographic surveys, construction stakeout for water and sewer systems and highways, building layout, cut sheets for sewer systems and GPS surveying for field control work, etc.

PROJECT EXPERIENCE

Elk River Flood Repairs and Coonskin Park Trail Replacement, Kanawha County, WV

Big Bend Golf Course Slope and Coonskin Park Trail Wall Flood Repair, Kanawha County, WV

CRW Yeager Airport, Runway 5 Slope Failure, Charleston, WV

Town of Fort Gay Sewer Lines, Wayne County, WV

Fayette County Park Pool Project, Fayetteville, WV

EDUCATION

Bachelor of Science
Civil Engineering Technology
West Virginia University Institute of Technology

CERTIFICATIONS

Environmental Site Assessment
Commercial Real Estate

PROFESSIONAL AFFILIATIONS


Water Environment Federation
Contractors Association of West Virginia





Randy B. Crace, P.S.
Senior Surveyor

Randy began his career in 1983 working on a variety of surveying and engineering projects. Areas of concentration in 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
Honorable Discharge - 1974 

EDUCATION

Bachelor of Science
Industrial Technology
West Virginia State College

Master of Science Environmental Studies
MUCGS, Institute of WV, Partial
Course Work

CERTIFICATIONS

Professional Surveyor – WV, KY, OH

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

ACSM Surveying Instrumentation
and Coordinate Computation
Certification

Center College, Charleston, WV
Technical Degree, Drafting

PROFESSIONAL AFFILIATIONS

West Virginia Association of Land
Surveyors

American Congress of Surveying &
Mapping

National Society of Professional
Surveyors

American Institute of Architects, WV

PROJECT EXPERIENCE

Town of Fort Gay Sewer Lines, Wayne County, WV

CWVRAA Yeager Airport, Stormwater Improvements,
Charleston, WV

Hargrove Student Housing Renovation, Beckley, WV

Boomer Fire House Addition, Boomer, WV

Glasgow Fire Department New Fire Station, Glasgow,
WV

New River Engineers, Inc. Headquarters Building,
Teays Valley, WV

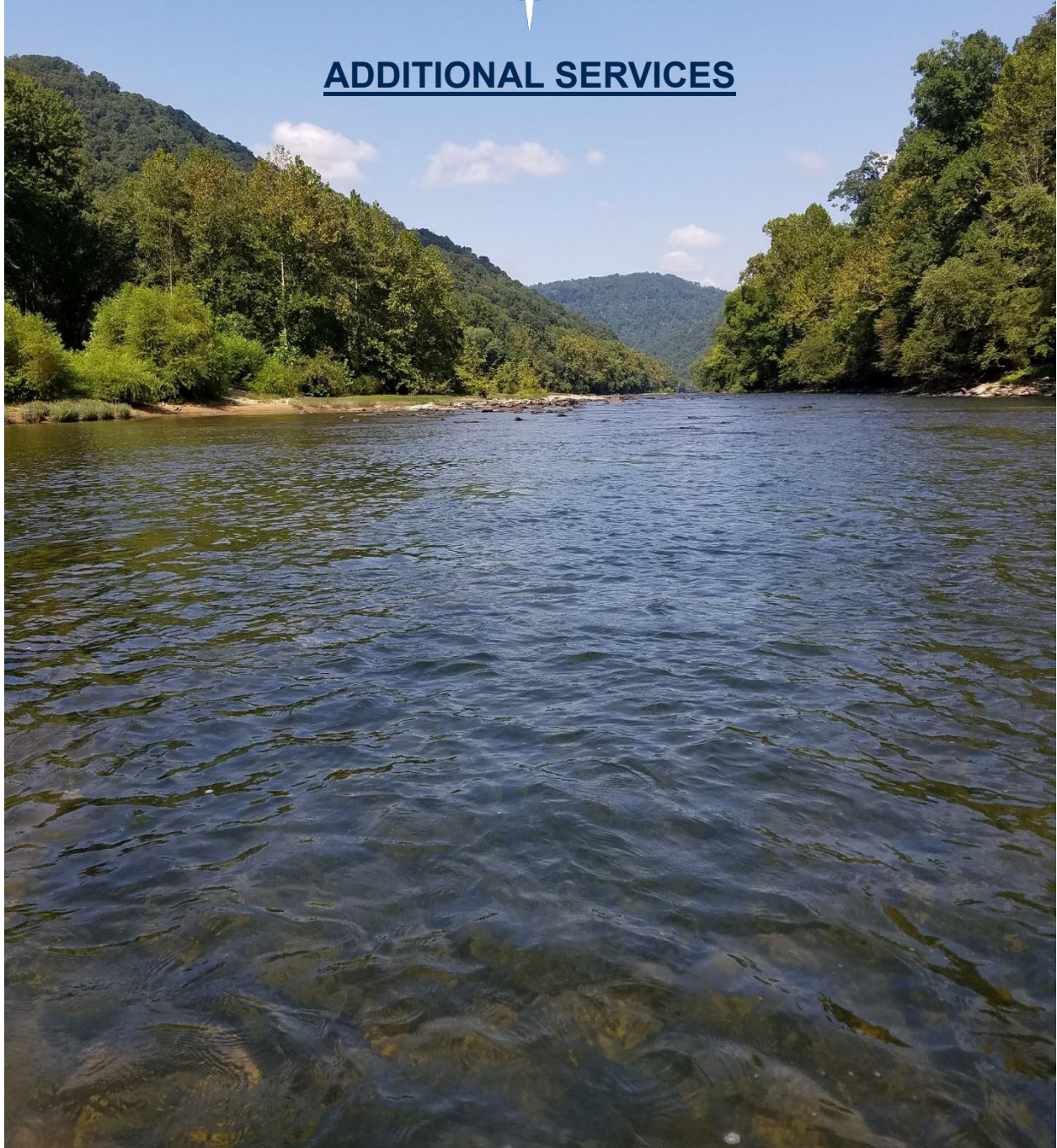
Thomas Hospita Environmental Site Assessments,
Kanawha County, WV

WVDOC Denmar Correctional Center, Pocahontas
County, WV





ADDITIONAL SERVICES



Water Supply, Treatment, Storage and Distribution Systems

With over forty years of experience, NREI is 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.

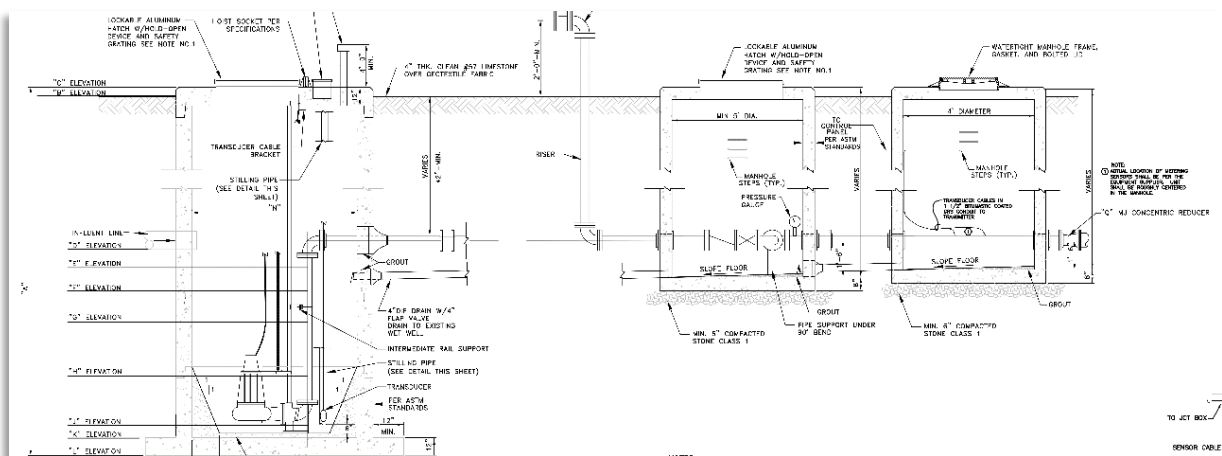
As a locally owned "small family" consulting firm, our clients get more for their money and receive more one-on-one time with our employees, which yields a more pleasurable experience. We excel in helping our clients ascertain funding from various governmental agencies to assist in the financing of the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



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

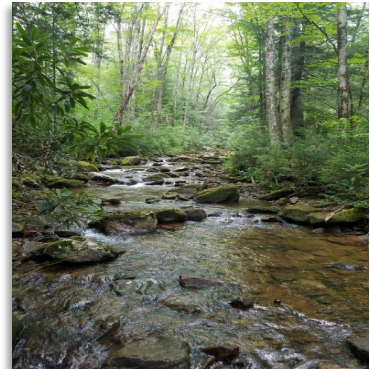
We recognize the importance and understand the hurdles that our clients must maneuver to offer wastewater service to their customers. We have a proven track record with a vast knowledge of local conditions and an excellent reputation with all regulatory, funding, permitting and enforcement agencies. 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.



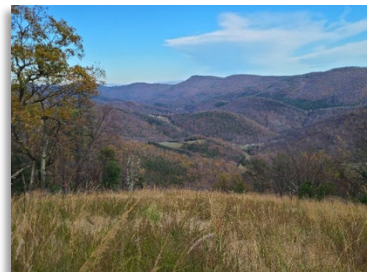
Environmental Permitting

NREI's team assists with 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 saves your project time and money from the start and avoids 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 environmental permitting team provides attention to detail and practical solutions to complex issues to keep your project going forward and within budget.



SERVICES

- Storm Water Permitting, Design & Management
- Water Quality Monitoring
- Flood Plan Determination & Flood Elevation Certificates
- Groundwater Protection Plans
- Stream & Wetland Delineation
- Environmental Site Assessment
- 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)



AGENCY EXPERIENCE

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



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 breadth 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 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



Construction Management and Civil Site Design

NREI is established as one of the leading construction engineering consulting firms in the region with experienced staff that are committed to and dedicated to your project from initial site design and bid package development to inspections and certifications.

NREI offers 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 cost effective solutions.

- 3D Site Design
- Haulage & Access Road Design
- Excess Spoil Disposal Site Design
- Drainage Design and Runoff Calculations
- Solid Wastewater Management and Landfill 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
- Street Paving Design and Drainage Control
- Construction Management
- Earth Work Quantity Estimates
- Construction Staking
- Concrete Testing & Inspection



Geotechnical Engineering

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

- 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



Surveying

NREI is established as one of the area's leading surveying firms with our 28 years of experience in property, boundary and topographic mapping. Our team 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 proven to be invaluable for construction progress mapping, well pad progression, subdivision layouts and civil site designs.

- 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



Subsurface Utility Survey

NREI uses 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.

- Pipe and Cable Location
- Sewer Line Smoke Testing
- Ground Penetrating Radar (GPR)
- Internal Video Pipe Inspection

