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Header 1

List View

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

Procurement Folder: 1125709
Procurement Type: Central Contract - Fixed Amt
Vendor ID: 000000203864
Legal Name: S & S ENGINEERS INC
Alias/DBA:
Total Bid: $0.00
Response Date: 11/28/2022
Response Time: 10:29
Responded By User ID: tlc@ssnrei.com
First Name: Tiffany
Last Name: Cottle
Email: tlc@ssnrei.com
Phone: 3043427168

SO Doc Code: CEOI
SO Dept: 0310
SO Doc ID: DNR2300000002
Published Date: 11/7/22
Close Date: 11/29/22
Close Time: 13:30
Status: Closed
Solicitation Description: A&E - District 4 New Headquarters Office
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:	1125709
Solicitation Description:	A&E - District 4 New Headquarters Office
Proc Type:	Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2022-11-29 13:30	SR 0310 ESR11282200000002517	1

VENDOR

000000203864
S & S ENGINEERS INC

Solicitation Number: CEOI 0310 DNR2300000002

Total Bid: 0 **Response Date:** 2022-11-28 **Response Time:** 10:29:03

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments:

Extended Description:

Design and Contract Administration of District 4 Headquarters and Storage Building New Construction.

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

State of West Virginia
Centralized Expression of Interest

Proc Folder: 1125709 **Doc Description:** A&E - District 4 New Headquarters Office **Proc Type:** Central Contract - Fixed Amt			**Reason for Modification:**
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2022-11-07	2022-11-29 13:30	CEOI 0310 DNR2300000002	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 : S & S Engineers, Inc.

Address : 501 Eagle Mountain Rd

Street :

City : Charleston

State : WV **Country :** **Zip :** 25311

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

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 **FEIN#** 55-0601971 **DATE** 11/29/2022

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division is soliciting Expression(s) of Interest ("EOI") for The Division of Natural Resources from qualified firms to provide architectural/engineering services ("Vendors") as defined herein.

PROJECT: The mission or purpose of the project for which request for qualifications are being solicited is to provide necessary engineering, and other related professional services to design, specify and provide construction contract administration services for the construction of a new Office and Storage Building at District 4 Wildlife Resources / Law Enforcement Beckley, WV, in Raleigh County, West Virginia per the attached specifications and terms and conditions.

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES	STATE OF WEST VIRGINIA
PARKS & RECREATION-PEM SECTION	JOBSITE - SEE SPECIFICATIONS
324 4TH AVE	
SOUTH CHARLESTON WV 25305	No City WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering		

Comm Code	Manufacturer	Specification	Model #
81101500			

Extended Description:
Design and Contract Administration of District 4 Headquarters and Storage Building New Construction.

SCHEDULE OF EVENTS

Line	Event	Event Date

	Document Phase	Document Description	Page 3
DNR2300000002	Final	A&E - District 4 New Headquarters Office	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

November 29, 2022

S&S ENGINEERS
501 Eagle Mountain Road
Charleston, WV 25311
304.342.7168

507 Richland Ave, Suite 201
Athens, OH 45701
740.447.5000

Department of Administration
Attn: Mr. Joseph E. Hager III
2019 Washington Street East
Charleston, WV 25305

Re: DNR2300000002-A&E District 4 New Headquarters Office

To Mr. Joseph E. Hager III/Purchasing Division

We are pleased to submit our expression of interest for providing professional engineering services for the above referenced project(s).

S & S Engineers, Inc. (S & S) 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, Kentucky, Ohio, and Virginia.

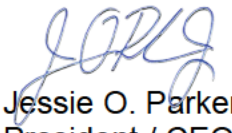
For over 42 years S & S has a history of completing projects on time, under budget and without any successful litigation against us or our client, a record no other firm can match.

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,

S & S ENGINEERS, INC.



Jessie O. Parker, Jr., P.E.,
President / CEO
Email: jop@s-s-eng.com

Enclosures

WV DEPARTMENT OF ADMINISTRATION



Request For Qualifications
For
Engineering Services
For
District 4 New Headquarters Office
(DNR2300000002)

November 2022

Presented by:

S & S Engineers, Inc.
501 Eagle Mountain Road
Charleston, WV 25311
(304) 342-7168

507 Richland Avenue, Suite 201
Athens, OH 45701
(740) 447-5000

New River Engineering, Inc.
202 School Drive
Shrewsbury, WV 25015
(304) 595-3290

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

DEPARTMENT OF ADMINISTRATION
DISTRICT 4 NEW HEADQUARTERS OFFICE

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DEPARTMENT OF ADMINISTRATION
DISTRICT 4 NEW HEADQUARTERS OFFICE

EXPRESSION OF INTEREST

S & S Engineers, Inc. (S & S) and New River Engineering Inc. (NREI) is pleased to express our interest in providing environmental, engineering, architecture, and surveying services to the West Virginia Department of Administration as needed. S & S Engineers was established in 1980 and NREI was established in 1998 giving both companies a combined 60 years of experience. Our team is a West Virginia based 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 WV Department of Administration. 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, Kentucky, Ohio, 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 WV Department of Administration as any need would arise.

As President of our firm, Mr. Jessie O. Parker, Jr., P.E. will lead projects for the WV Department of Administration. 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. Elijah Laramee, P.E., Mr. Ashok Sanghavi, P.E., DEE, QEP, Mr. Randy Crace, P.S., Mr. Charles Kurzyna P.E., P.S., Mr. Charles Strope 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

S & S ENGINEERS, INC.

S & S Engineers, Inc. (S & S) is an engineering, surveying, and consulting firm founded in 1980 in Charleston, WV and has been providing quality service to our clients for over 41 years. The firm is currently managed by Mr. Jessie O. Parker, Jr., P.E. - President, Mr. Christopher D. Burford - COO and Mr. Matt Shelton - Vice President. S & S has successfully provided an integrated approach to utility projects for our clients. S & S provides professional services to facility owners and operators, architects, and contractors throughout West Virginia, Kentucky, Ohio, Virginia and North Carolina and many others. S & S services range through all facets of civil engineering design as well as construction administration and project management.

S & S 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. S & S has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through construction completion and beyond.

S & S 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.

S & S 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.

S & S 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.

COMPANY PROFILE

NEW RIVER ENGINEERING, INC.

New River Engineering, Inc. (NREI) is an engineering, surveying, and consulting firm that has been providing quality service to the industries for over 20 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. NREI primarily serves the coal, oil & gas, timber, and construction industries.

Our staff combines advanced technology with many decades of surveying, mining, 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

COMPANY PROFILE

GREEN & ASSOCIATES, LLC

Green and Associates, LLC is located in St. Clairsville, Ohio and is a subsidiary of NREI. Green and Associates, LLC has been providing quality surveying services for over 35 years to the following clients: oil and gas industries, coal industry, industrial, public service district, commercial, and residential. Green and Associates, LLC has established itself as one of the area's most prestigious surveying firms.

Green and Associates, LLC can provide a host of surveying services to our clients but not limited to the following:

- Well Pad Plats / Unit Surveys
- Well Pad & Horizontal Boundary Surveying
- Ohio DNR Permitting
- Well Pad Design & Layout
- Well Pad As-Built Certifications
- Establishment of Water Line for Drilling Projects
- Construction Stake-Outs
- Drone Aerial Flight Surveys & Photos
- Sub-Division Design & Layout
- Property Boundary Surveying
- Topographical Surveys
- RTK GPS Surveying

GREEN AND ASSOCIATES

SCOPE OF WORK

The West Virginia Department of Administration is seeking engineering and other related professional services to design, specify and provide construction contract administration services for the construction of a new Office and Storage Building at District 4 Wildlife Resources/Law Enforcement Beckley, Wv.

The WV Department of Administration is requesting the following services:

- Review existing plans and conditions as well as the operations of the facility and evaluate while communicating effectively with the owner to determine a plan that can be implemented in a manner that will minimize disruption to concurrent operation of the facility and meet all objectives.

- Provide all necessary services to design the facilities described in this EOI in a manner that is consistent with The Division of Natural Resources needs, objective, current law, and current code; while following the plan to design and execute the project within the project budget.

- Provide Construction Contract Administration Services with competent professionals that ensures the project is constructed and functions as designed.

S & S Engineering, Inc. and New River Engineering, Inc., will provide any other services required by the WV Department of Administration for the implementation of the current project.

PLAN OF APPROACH

S & S Engineers, Inc. (S & S) and New River Engineering Inc. (NREI) are fully aware of the Department of Administration's needs, having served various communities in West Virginia for over 41 years. S & S and 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 S & S and NREI can provide.

S & S and NREI believes in a team approach for the development of projects. Therefore, our first task will be to meet with Administration 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, Administration officials will be kept informed and involved in all important matters.

S & S and NREI will assist the Administration 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 the Administration 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 personnel, and regulatory and funding agencies.

PRELIMINARY ENGINEERING REPORT (IF NEEDED)

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 the Department of Administration officials to assure that concerns are addressed.

DESIGN PHASE

Initially S & S/NREI will request any additional documentation relative to the project that has not already been provided. This may include other viable sites already being considered, access route locations, topographic surveys, etc. Upon review of this information, S & S/NREI will begin meeting with your designated representatives to review and discuss preferred site features and orientations. Once the site and orientation are confirmed S & S/NREI will begin preparing the design drawings and specifications.

Upon completion of the preliminary design drawings S & S/NREI will schedule a second meeting to present the design and preliminary cost estimate to the designated officials for review and comments. S & S/NREI will then revise the design drawings and cost estimate to reflect any comments from Administration officials.

CONSTRUCTION DOCUMENTS PHASE

Once the final design is complete S & S/NREI will begin procuring the necessary permits and preparing the bidding and construction documents, details, and specifications for the project. S & S/NREI will provide a 90% submission to the owner for review and comment to allow minor modifications prior to final binding and printing.

BIDDING PHASE

During this phase S & S/NREI will assist by participating in the pre-bid meeting, answer addendum questions and reviewing contractor bids. S & S/NREI can also assist in the preparation of the construction agreement as required.

CONSTRUCTION PHASE SERVICES

During construction our services include review of shop drawings and submittals, conducting regular progress site meetings, reviewing and preparing change orders and payment applications, conducting substantial and final inspections and reviewing close out documents.

S & S/NREI can also provide a Resident Construction Inspector for the duration of the project construction.

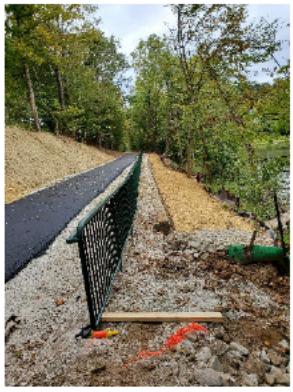
SCHEDULE

Upon selection S & S/NREI can begin working on the project immediately.

PROJECT EXPERIENCE

1. **Midland Trail Emergency Shelter, Fayette County, WV**
   Description: 25,000 sq. ft. community center upgrade suitable for emergency shelter accommodation space for 150 overnight extended stay with gym, commercial kitchen, showers, restrooms, backup generator, new HVAC, soundproofing, communications, fire suppression and alarm upgrades.

2. **Coonskin Park Flood Repairs, Kanawha County, WV**
   Description: Planning, design, geotechnical, estimating, and construction management of 160 LF of H-Pile wall, a 40 LF H-Pile wall, Replacement of three 18" culverts, Paving of approx. 2,800 LF of Elk River Trail, and Replacement of 105 LF of 36" HDPE storm pipe. Project cost of approx. $1.85 million.





3. **Athens County Sherriff's Office Master Plan, Athens County, OH**
   Description: 20,000 sq. ft. administrative space, deputy quarters, 911 dispatching facility, sleeping quarters, incarceration facility, and evidence storage area.

4. **The Plains Fire Station, Athens County, OH**
   - **Description:** 10,000 sq. ft. three bay fire station with full service kitchen, community conference space, dispatcher station, handicap restroom on first level and sleeping rooms, restrooms, showers and exercise room on second level. Truck bay area is two vehicle deep for service vehicles, rescue boat, ambulance and brush vehicles.

5. **Blue Creek Slip Repairs, Kanawha County, WV**
   Description: Previous pipeline construction resulted in a slip adjacent to Blue Creek Road in Elkview, WV. S & S/NREI was tasked to monitor the slope mitigation project from start to finish and complete weekly progress reports for the clients.

6. **Cross Lanes Radio Tower Slip Repair, Kanawha County, WV**
   Description: Planning, design, geotechnical, and construction management of 50 LF of H-Pile wall, 25 LF H-Pile wall, and approx. 210 LF of rock lined drainage ditch to repair slips under a radio tower building and guy wire structures for the tower.

7. **Thomas Hospital, Kanawha County, WV**
   Description: Approximately 25 Phase 1 Environmental Site Assessment's (ESA) for various properties belonging to Thomas Health System in the Charleston, WV area. The scope of work was to identify recognized environmental conditions (REC).

8. **Putnam County Broad Band, Putnam County, WV**
   Description: Planning, design, and construction management of a Broadband Loop System
   Funding Source: CWSRF
   Project Status: Ongoing

9. **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 Cost: $5,370,000, completed project approximately $450,000 under budget and used savings to purchase equipment, replaced diffusers in aeration basins at the WWTP, constructed a new laboratory

10. **Town of Fort Gay, Wayne County, WV**
    Description: Planning, design, and construction management of replacement of 9,000 feet of gravity sewer mains, rehabilitation/upgrades to seven (7) pump stations and replacement of the existing wastewater treatment lagoon with a 100,000 gpd packaged treatment plant. Project included a Sewer System Evaluation Study with smoke testing and video inspection, coordinated with Underwater Services Ltd., of approximately 3 miles of gravity sewer lines from 6 inch to 10 inch in diameter and 85 manholes. Environmental assessment for treatment plant.

11. **(CWVRAA) Yeager Airport, Kanawha County, WV**
    Description: Planning and design of storm sewer improvements for the airfield area at Yeager Airport. Coordination with Underwater Services Ltd. for video inspection services of approximately 6 miles of storm sewer pipes from 6 inch up to 36 inch in diameter.
    Project Cost: $3,450,000
    Project Status: Completed 2019

FUNDING

S & S and NREI will assist the WV Department of Administration in preparation and submission of any grant / loan funding applications needed, such as to the WV Infrastructure & Jobs Development Council (IJDC), US Department of Agriculture - Rural Development (USDA-RD), WV Bureau of Public Health (BPH) - Drinking Water Treatment Revolving Fund (DWTRF), WV Department of Environmental Protection (DEP) – Clean Water State Revolving Fund (CWSRF), HUD - Community Development Block Grant (CDBG), Appalachian Regional Commission (ARC), Governor's Partnership Grant, Private Bank funding, etc. We will represent the Agency and coordinate with the various funding agencies to obtain a favorable funding package. 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 the Agency personnel, and regulatory and funding agencies.



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 S & S Engineers and New River Engineering:

Jessie O. Parker, Jr., P.E. Email: jop@s-s-eng.com	President (S&S) / Principal Engineer
Christopher D. Burford Email: cburford@nrei-wv.com	Chief Operating Officer (S&S)/ President (NREI)
D. Matt Shelton Email: dms@s-s-eng.com	Vice President (S&S) / Project Manager
Elijah T. Laramee, P.E. Email: etl@s-s-eng.com	Senior Engineer
Ashok M. Sanghavi, P.E., DEE, QEP Email: a.sanghavi@s-s-eng.com	Senior Engineer
Charles “Chuck” B. Kurzyna, P.E., P.S. Email: ckurzyna@nrei-wv.com	Vice President (NREI) / Sr. Engineer/ Professional Surveyor
Charles “Charlie” T. Strope, P.E. Email: cstrope@nrei-wv.com	Principal Engineer (NREI)
Randy B. Crace, P.S. Email: r.crace@s-s-eng.com	Senior Surveyor
J. Michael “Mike” Green, P.S. Email: mgreen@greenandassoc.net	Senior Surveyor
Mike Noel, NCARB Email: mike.noel5050@gmail.com	Lead Architect



RESUMES OF KEY PERSONNEL



Jessie O. Parker, Jr., P.E.
President / Senior Engineer
S & S Engineers, Inc.

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

EDUCATION

Bachelor of Science
Civil Engineering
West Virginia University
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 (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: S & S Engineers, Inc.

President: New River Engineering, Inc.

Green and Associates, LLC

New River Safety, LLC

Ellison Ridge Mining, LLC

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

Green and Associates, LLC, St. Clairsville OH – manager and supervisor of survey crews and office personnel, business development, andcoordination 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 ofTechnology
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
(#[redacted])
APNGA Certificate of Achievement Radiation Safety Officer Class
(#[redacted])

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

S & S Engineers, Inc.

New River Engineering, Inc.

Green and Associates, LLC

Mr. Shelton began his career at S & S in 2004 working in civil engineering fieldssuch as site development, water supply, wastewater, storm water and drainage. Also 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
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.



Elijah Laramee, P.E.

Professional Engineer

S & S Engineers, Inc.

Mr. Laramee has more than seventeen years of civil/ structural design and management experience, including deep foundations, shallow foundations, concrete and steel structures, building enclosures, rigging, drainage, underground utilities, etc. Mr. Laramee is also proficient in several analysis & design, laser scan and 3D design software packages.

EXPERIENCE

PROFESSIONAL ENGINEER

Responsible for analysis and design of various types of structures and materials for compliance with building codes and design standards. Design work includes large steel structures, as well as retrofit of steel and concrete structures and foundations.

LEAD ENGINEER

Perform design and analysis responsibilities of professional engineer with additional duties of coordinating the civil structural design effort with clients and other design disciplines. Duties include work planning, scheduling, cost control, quality management, design reviews, and construction packaging.

DEPARTMENT MANAGER

Responsible for the overall execution and quality of the Civil Structural Department in U.S and India offices. Duties include resource planning, scheduling, technical oversight, development of people, procedural development, auditing, and determination of needs for tools and skills.

FIELD ENGINEER

Provide inspection and verification of design in construction and provide solutions to issues encountered in the field. Review of submissions and creation of punch list items.

EDUCATION

Bachelor of Science Civil Engineering West Virginia University Institute of Technology May 2003

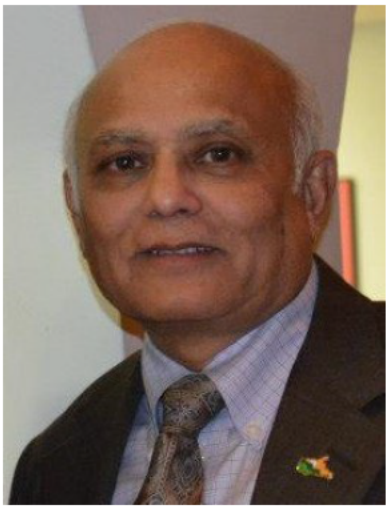
CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (IA)
Professional Engineer (KY)
Professional Engineer (MO)
Professional Engineer (NC)
Professional Engineer (OH)
Professional Engineer (PA)
Professional Engineer (TX)
Professional Engineer (VA)
Professional Engineer (SC)
Professional Engineer (GA)
Professional Engineer (MI)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

American Institute of Steel Construction AISC



Ashok M. Sanghavi, P.E., DEE, QEP
Senior Engineer / Quality Control Officer
S & S Engineers, Inc.

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



Michael Noel, NCARB

Registered Architect

Michael Noel Architect, LLC

Mr. Noel has been Principal of Michael Noel Architect 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 Mr. Noel has been partner to oversee more than $300 million dollars of construction documents varying from hotels, industrial buildings, churches, prisons and higher and lower education.

EDUCATION

Bachelor of Arts in Architecture
Ohio University
May 1974

Register NCARB
1982

Certifications

Registered (WV) Professional
Registered (OH) Professional
Registered (IL) Professional
Registered (FL) Professional

Civic Affiliations

Athens Rotary Club
Boy Scouts of America
Athletes in Action

PROJECTS

Hotels:	Morgan City-Holiday Inn - $20,000,000 Portsmouth- Holiday Inn Remodel - $6,000,000
Industrial:	RXQ Compounding - $5,000,000 Logan Goodyear Plant - $3,000,000
Prisons:	Septa Correctional Facility - $4,500,000 HVCRC Youth Prison and School - $3,000,000
Education:	Athens City Schools Renovations, Roof Replacement, Additions, Bus Garage and Athlete Facilities Buildings - $15,000,000.
	Trimble Schools Building Additions and Remodeling - $400,000. Alexander Schools Renovations and Maintenance Facility - $500,000. HVCRC Gymnasium and Classroom Design - $3,000,000.



Charles "Chuck" Kurzyna, P.E., P.S.
Senior Engineer / Senior Surveyor
New River Engineering, Inc.

Former President and Principal Owner of New River Engineering Inc., established in 1998. New River Engineering has been performing surveying and engineering for the coalmining and construction industries.

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



Charles T. Strope, P.E.

Senior Engineer

New River Engineering, Inc.

Responsible for mine planning and permitting, monthly production reports for clients and hazardous slope plans for oil and gas line construction.

Geotechnical Engineer for TRC Engineers, Inc. – Charleston, WV, Project Engineer on various construction projects including US Route 35 expansion at Buffalo, WV, Jefferson Road Improvements in South Charleston, WV and the Hobet Mine Access Road in Madison, WV. Engineering Analysis performed including stability of road fills and road cuts, settlement analysis, retaining wall design, and performed boring inspection in the field.

Highway Engineer Associate (West Virginia Division of Highways, Charleston, WV) Responsible for performing construction inspections and preparing daily progress reports to be utilized in determining state payments to contractors.

Staff Engineer at NREI (2010-2014) Responsible for updating mine maps, monthly production reports and supplying clients with updated mine maps, escape-way maps, ventilation maps etc. Engineering analysis performed on coal pillar stability.

EDUCATION

Master of BusinessAdministration
West Virginia University
June 2010

Bachelor of Science
Civil Engineering
West Virginia University
May 2009

Bachelor of Science
Mining Engineering
West Virginia University
May 2009

CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (OH)
Professional Engineer (KY)
Professional Engineer (MI)
Professional Engineer (IL)
Professional Engineer (PA)
Professional Engineer (MD)

APNGA Portable Nuclear Gauge Safety & USDOT Hazmat Certified (#[redacted])

APNGA Certificate of Achievement Radiation Safety Officer Class (#[redacted])

PROFESSIONAL AFFILIATIONS

Contractors Association of WestVirginia
West Virginia Coal Association
Friends of Coal Association



Randy B. Crace, P.S.

Senior Surveyor

S & S Engineers, Inc.

Mr. Crace began his career at S & S in1983 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
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

Environemental 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 Associationof Land Surveyors
American Congress on Surveying & Mapping
National Society of Professional Surveyors
American Institute of Architects, WV



John Michael "Mike" Green, P.S.

Senior Surveyor

Green and Associates, LLC

Ohio surveyor of record specializing in oil and gas permitting, construction layout, commercial and residential surveys.

Leads surveying, engineering, and construction layout as well as services for residential,commercial, industrial and the oil and gasindustries. Surveying included oil and gaspermit plats, declaration of pooling and unitization, water transfers and pad layout and as builds, all surveys and construction layout for all Wheeling Pittsburgh Steel plants and layout of the Samis Power Plant major upgrades. Engineering services included design and construction of pump stations, water plants, large water transmissions lines, residential water and sewage design in andfor Belmont County and building designs.

EDUCATION

Associate of Science
Surveying and EngineeringTechnology
Lorain College
June 1970

Additional courses
Ohio University Belmont
1971 –1972

CERTIFICATIONS

Professional Surveyor (OH)
Underground Mine Foreman

Mine Engineer for The North American Coal Corporation - Powhatan Point, OH, (12years), in charge of all surveying services for Numbers 1, 3, 4 and 5 mines. Supervisedconstruction projects for all mines. Prepared and submitted underground mining plansto the Mine Safety and Health Department, State of Ohio

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. John Rubin, Chairman
Kanawha Public Service District
P.O. Box 8
Cabin Creek, WV 25035
(304) 595-2203

Mr. Curtis Keller, General Manager
Berkeley County Public Service Sewer District
P.O. Box 944
Martinsburg, WV 25402
(304) 263-8344

Mr. Matt Hildebrand,
Trans-Canada/TC Energy
700 MacCorkle Avenue, SE
Charleston, WV 25314-1515
(304) 357-2000

Mr. Will Harless
Montage Resources Company
125 Putnam Street
Marietta, OH
(304) 993-5510

Mr. Christopher Matkins, Senior Engineer
West Virginia Dept. of
Environmental Protection
1159 Nick Rahall Greenway
Fayetteville, WV 25840
(304) 574-4465

Mr. Eric Bess
Mott MacDonald
201 Pennsylvania S #400
Charleston, WV 25302
(304) 356-3010

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

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

Mr. John McNew
United Coal Company
109 Appalachian Drive
Beckley, WV 25801
(304) 255-9030

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.



ADDITIONAL SERVICES

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 clients 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.



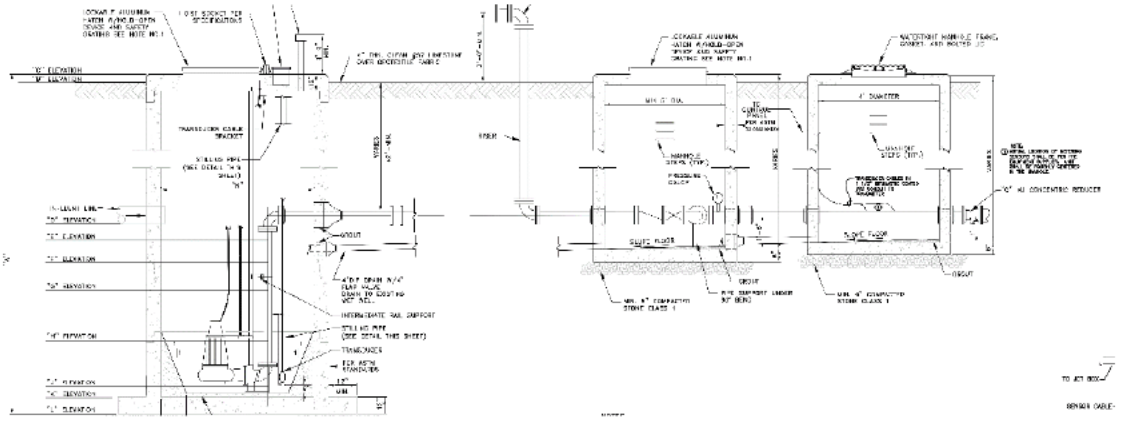




Wastewater Collection & Treatment Systems / Industrial and Hazardous Waste Treatment Systems

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

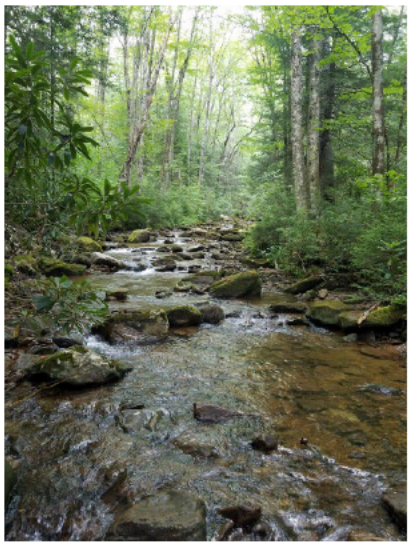




Environmental Permitting

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:

- 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
- Waste Water 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 Services (Cont.)

- Ohio State Historic Preservation Office (SHPO)
- National Environmental Policy Act (NEPA)
- US Environmental Protection Agency (EPA)
- US Department of Justice (DOJ)
- Stormwater NPDES Permit Services
- 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
- HECRAS Modeling
- 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)
- West Virginia IJDC
- West Virginia Water Development Authority
- EPA & WV DEP Compliance
- Environmental Site Assessment
- WV DEP & United States Army Corps of Engineers (USACE) Permit Services
- Local Agency Building/Construction





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





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









Geotechnical Engineering

We have professional engineers and engineering technicians with extensive geotechnical engineering experience. We specialize in compaction testing, foundation design, slope failure, and embankment design. We put the focus on identifying the needs of clients and providing cost-effective solutions with real results. Geotechnical Engineering services include, but are not limited to the following:

- 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







Funding Assistance

We provide assistance for our clients in the preparation of grant/loan funding applications. We will represent our clients and coordinate with the various funding agencies to obtain a favorable funding package. Once the funding has been secured, we will then begin to develop detailed engineering drawings and specifications for the project. Funding Sources can include, but are not limited to the following:

- West Virginia Infrastructure and Jobs Development Council (WV IJDC)
- West Virginia Water Development Authority (WV WDA)
- West Virginia Bureau of Public Health – Drinking Water Treatment Revolving Fund (WV BPH-DWTRF)
- West Virginia Department of Environmental Protection – Clean Water State Revolving Fund (WV DEP-CWSRF)
- Private Bank Funding
- Appalachian Regional Commission (ARC)
- United States Department of Agriculture Development Loans (USDA-RD)
- Housing and Urban Development – Community Development Block Grant (HUD-CDBG)
- West Virginia Department of Environmental Protection (WVDEP)
- West Virginia Rural Community Assistance Program (WV RCAP) – Funding Assistance
- United States Army Corps of Engineers (USACOE)



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.



Fiberoptic Broadband Services

We team with Mountain State Fiber and Alpha Technologies company which is a registered WV CLEC and was founded in 2000 specializing in Wide Area and Local Area Networks. Mountain State Fiber and Alpha Technologies is headquartered in Hurricane, WV.

Working with a full-service fiber optic firm, S & S Engineers, Inc. (S & S) / New River Engineering Inc. (NREI) and Mountain State Fiber can provide a whole host of services to our clients including, but not limited to the following:

- Build Specifications Based on Network
- PONs
- Metro Ethernet
- Support for Tier 1-3 Helpdesk—Technical questions, Network Outages, Internet Engineering and Routing
- Regulatory—Federal: FDOF, USAC, Erate, USDA; State: CLEC, PSC
- Complete understanding of Pole Attachment Process

Resources	Security Audits	Support	Regulatory
• Professional Engineers • Professional Surveyors • Network Engineers • Build Specifications based on network • PONs • Metro Ethernet • Ground Penetrating Radar • GIS Analyst	• HIPPA - Healthcare • SOC I and II • PCI – Credit Cards • FISMA	• Tier 1 Helpdesk – Address basic customer technical questions • Tier 2 Helpdesk – Network Outages and support • Tier 3 Helpdesk – Internet engineering and routing	• Federal • RDOF • USAC • Erate • USDA • State • CLEC • Interaction with PSC • Complete understanding of Pole Attachment Processes

mountain state fiber



