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WV PURCHASING
DIVISION

EXPRESSION OF INTEREST

November 8, 2018



STATE OF WEST VIRGINIA
PURCHASING DIVISION

MCA Jobs
Challenge Program
Renovation Project

Camp Dawson, Kingwood, WV

5088 Washington Street, West
Charleston, WV 25313
800.856.6485

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Charleston, WV 25313

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November 8, 2018

Ms. Stephanie L. Gale, Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Dear Ms. Gale,

E. L. Robinson Engineering (ELR) is pleased to have the opportunity to submit our Expression of Interest to provide West Virginia Army National Guard (WVANG) with engineering and design services for the MCA Jobs Challenge Program Renovation Project.

ELR's team is poised and equipped for this challenge with our vast experience including site civil, paving design and general utility engineering. You will see that teamwork is the spirit and foundation of our organization. ELR acknowledges the importance of a quick turn-around and excellent quality service, which our administrative procedures, overall organization and depth of experience provides. As you will see from our resumes and company experience, we are uniquely qualified to offer the professional services required to ensure that your project is successful. ELR employs an array of professional engineers, landscape architects, and surveyors who are experienced and motivated to provide quality engineering services to the WVANG.

E.L. Robinson Engineering has a rich history in serving many of the State of West Virginia divisions. Specifically, ELR has completed several projects at West Virginia National Guard locations. Your project team includes one current National Guardsman, Tim Scott and one retired National Guardsman, Todd Schoolcraft who can both offer a unique view on this project.

We want to emphasize that this project is extremely important to E. L. Robinson Engineering, as it serves as an opportunity for ELR to forge a successful relationship with the West Virginia National Guard and the C&FMO. We look forward to personally discussing our qualifications to complete this project for you on-time and within budget, while exceeding the standards of any firm you may have worked with previously. Should you have any questions regarding this qualification statement, please do not hesitate to contact me.

Sincerely,

E.L. Robinson Engineering

Todd Schoolcraft, PLA, ASLA, LEED®GA
Project Manager

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OVERVIEW



We come from humble beginnings and were founded and named after our president, Edward L. Robinson, P.E., P.S., in 1978. The company began as a small surveying firm with only four employees and has grown exponentially to what it is today – a highly diversified engineering and surveying firm with over 150 full time, experienced professionals and support personnel located in nine offices throughout West Virginia (Charleston, Beckley, Bridgeport, and Chapmanville), Kentucky, and Ohio. Over the past four decades, E.L. Robinson has grown to be one of the most respected firms in the region, offering a diverse scope of services. E.L. Robinson provides a full range of quality engineering services, from planning and analysis to design and implementation.

We attribute much of our continued success to our commitment to complete customer service, unwavering quality, and innovative solutions. ELR prides itself on overcoming obstacles and adapting to changing times. The firm uses diligence and a dedicated work ethic to complete every project on time, on or under budget.

E.L. Robinson Engineering boasts of a highly skilled and professional staff. We know that in order to take care of our clients, we must also take care of our own employees. The firm maintains an unheard of employee retention rate. ELR pairs its past experience with the technology of the future to provide the most thorough and advanced engineering knowledge and skills.

The use of technology has allowed the firm to expand engineering capabilities and make use of new resources such as satellite imagery and digital mapping. In addition to the use of technology, E.L. Robinson also continues to strive to invent new and more effective ways to serve our clients. One of these ways is to provide a thorough pre-analysis of every project, saving the client time, money, and legal exposure. When the client is educated on every phase of the job and every challenge, the reputation of the firm grows stronger and attracts business from a larger marketplace.

Our Services

- Utilities Engineering
- Land Planning
- Transportation Engineering
- Landscape Architecture
- Construction Management
- Site Development
- Geotechnical Engineering
- Oil and Natural Gas
- Surveying and Technology



QUALIFICATIONS



E.L. Robinson has over 150 staff members including 73 degreed engineers (48 of which are registered professional engineers), 3 professional landscape architects, 21 construction inspectors and a support team of administrative and technical personnel. Our firm's office in Charleston will provide the identified scope of services. This team of professional engineers, project designers, funding specialists, surveyors and construction inspectors has been specifically assembled for this project because of their experience relating to your project and others like it.

ELR has an exceptional background and proven success in the fields required to complete this project including:

Site Development Design: Our proven areas of experience in site development include community and public facilities, business parks, recreational areas, residential neighborhoods, urban planning and streetscape design, planned unit and community development, park and recreation design. Our firm has the ability and experience to perform multiple grading schemes to maximize the developable acreage while minimizing costs. Drainage control is performed and incorporated into the grade work in a manner that minimizes storm runoff and permitting issues.

Water System Planning: Our services include water service master plans, water treatment plant planning and design, pump station design, water tank design, waterline extension, water distribution modeling, water facilities security, leak investigations, permitting and capital investments funding.

Wastewater Treatment and Collection: Our services include wastewater treatment plant planning, sewage pump station design, sanitary sewer line extensions, collection systems capacity analysis, wastewater collection system modeling, combined sewer overflow planning, wastewater facilities security, infiltration and inflow investigations, permitting, and capital improvements funding.

Stormwater Management: Our proven experience includes stormwater master planning, detention design, pollution prevention plan development, line design, collection system capacity analysis, collection system planning, watershed modeling, floodplain impact analysis, infiltration and inflow investigations, hydraulic analysis and utility rate analysis.

The following is a list of sample projects that showcase our depth and capabilities in professional engineering and design. A more detailed description of these sample projects can be found later in this statement of qualifications.

Site Development and Military Design

- Alloy Armory Berm Repair
- Buckwheat Express Vehicle Storage
- FWAATS Parking Lot Expansion
- Camp Virgil Tate Infrastructure Improvements
- Mingo County Wood Products Industrial Park
- Putnam County Business Park Phase II Industrial Access Road
- Earl Ray Tomblin Industrial Park
- Upshur County Industrial Park
- Belo Industrial Park
- Southern Highlands Initiative Project Wood Park 20 Acre Site
- Jane Lew Industrial Park
- Demonstration Farm Industrial Park



QUALIFICATIONS



Water:

- Highland Mountain/Crickmer Road Waterline Extension Project
- Besoco/Pickshin Water Project
- Scott Road-Findley Road Waterline Extension
- Exchange Road Waterline Extension Phase II

Wastewater

- Coalwood Sewer Project Phase 1
- Hinton Combined Sewer Overflow Improvements Project Phase I
- Bergoo Wastewater Collection and Treatment System
- Shady Spring PSD Sewage System Upgrade

Stormwater

- Town of Salem Combined Sewer Overflow Project
- South Landbay Infrastructure Phase I
- North Hill Road Storm Drainage and Upgrades
- CAMC 33rd Street Relocation



STAFFING/CAPACITY



Mr. Ed Robinson, P.E., P.S., will serve as Quality Control and Quality Assurance representative for the project team. Mr. Robinson has over 40 years experience in the engineering and construction field, where he has been a member of many associations and boards within the design field.



Mr. Eric Coberly, P.E., will serve as Project Principal. Mr. Coberly has over 30 years of experience in the field of engineering. He has managed an array of projects with ELR including site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, and various post mining land use projects. He has spent his career bettering the State of West Virginia in both the private and public sectors. Mr. Coberly has extensive knowledge and experience in AML project and design administration.



Mr. Todd Schoolcraft, will serve as Project Manager. Mr. Schoolcraft has over 25 years of experience in the fields of landscape architecture and land planning, with over 33 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects including commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft also retired from the WVANG with the rank of Major as a Combat Engineer.



Mr. Tim Scott, PLA, will serve as Landscape Architect. Mr. Scott has experience in all phases of the design process in projects including: parks and recreation; streetscapes; commercial and residential design; civic and institutional design; botanic gardens; and trail design. Mr. Scott is also currently serving in the WVANG as a Chief Warrant Officer and helicopter pilot.



Mr. Jack Ramsey, P.E., will serve as Project Engineer. Mr. Ramsey has nearly 25 years of experience in the planning, design and construction management of water and wastewater systems. His proficiencies include preliminary engineering reports, feasibility studies, line layout, hydraulic design, lift and booster station design, water storage tank design, water and wastewater treatment plant design and rehabilitations, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.



STAFFING/CAPACITY



J.D. Kinder, P.E., will be assigned as Project Engineer. He has over 8 years of experience in many areas of civil engineering including roadway design projects, site development projects, geotechnical investigations, natural gas projects and retain structure design. Additionally, Mr. Kinder has experience in performing slope stability analysis for various roadway fills and bridges.



Mr. Jeff Petry, P.E., will serve as Project Engineer. Mr. Petry has nearly 10 years of experience as an infrastructure engineer. He's proficient in a multitude of areas such as project planning, design, modeling, bidding, construction monitoring and wastewater collection system analysis. He has played an integral part in a number of collection system analysis projects from initial studies to project scope development.



Mr. Jeff Nelsen, will serve as a Landscape Architect. Mr. Nelsen has practiced landscape architecture for over 40 years. His professional experience has afforded him opportunities to assist clients with park and recreation planning and design, community and urban planning, streetscape design, campus planning for elementary, secondary and higher education facilities and site planning and design for residential, commercial and public places.



Mr. Tom Rayburn, will serve as Project Surveyor. Our team of surveyors provide the latest in technology and experience in surveying and mapping.



PROJECT APPROACH



- Meet with the C&FMO of the West Virginia National Guard to discuss and define scope
- Gather and prepare mapping of facility and field edit mapping
- Prepare conceptual layouts and cost estimates
- Meet with the National Guard to discuss layouts and phasing
- Prepare preliminary design
- Submit preliminary design for comment
- Revise and prepare final design
- Design approval
- Bidding
- Construction Management



PROJECT TEAM



WVANG C&FMO

QA/QC

Edward Robinson, P.E.



Project Principal

Eric Coberly, P.E.



Project Manager

Todd Schoolcraft, PLA, ASLA



Civil Engineering

Jack Ramsey, P.E.
Jerry D. Kinder, P.E.
Jeff Petry, P.E.

Landscape Architecture

Tim Scott, PLA
Jeff Nelsen, PLA

Project Surveying

Tom Rayburn, PS
John Cruikshank, PS



EDWARD L. ROBINSON, P.E., P.S.
PRESIDENT



Education

M.S. Civil Engineering, University of West Virginia
College of Graduate Studies, 1981

B.S. Civil Engineering, West Virginia Institute of Technology, 1969

Registrations

Registered Professional Engineer in West Virginia, Kentucky, Ohio, Florida, Virginia, and North Carolina

Registered Professional Surveyor in West Virginia



Professional Experience

Mr. Robinson founded E. L. Robinson Engineering in 1978 with four employees. Initially the firm provided land surveying and land development services. Over the course of the next 20 years, the firm added water and wastewater engineering as well as structural inspection services simultaneously growing to 14 employees.

Under his leadership, E. L. Robinson enters the new millennium as a multi-disciplined professional services firm that utilizes the latest technology in the design of added infrastructure, highways, bridges, structures, environmental, civil, and geotechnical projects as well as global position satellite surveying, right-of-way, construction inspection and architectural services.

The firm now employs more than 135 engineers, architects, surveyors and support personnel and has been converted to an employee owned company through an Employee Stock Ownership Plan (ESOP).

Professional Memberships

National Society of Professional Engineers

American Society of Civil Engineers

Water Environmental Federation

Offices Held

Chairman of WVUIT Advisory PSD

President of West Virginia Council of Consulting Engineers

Chairman Transportation Committee - WV Association of Consulting Engineers

State Director of West Virginia Society of Professional Engineers

President of West Virginia Society of Professional Engineers



Assistant Treasurer of the American Society of Civil Engineers
National Director of the ASCE representing WV, NC, SC and VA
President of West Virginia Section of ASCE

Honors Awarded

Alumnus of the Year – West Virginia University Institute of Technology, 1992
Engineer of the Year – West Virginia Society of Professional Engineers, 1997
Engineer of the Year – American Society of Civil Engineers, 1998
National Entrepreneur of the Year Finalist – Ernst & Young, 2001
Engineering Entrepreneur of the Year – Ernst & Young, 2001
Honorary PhD, Doctor of Science – West Virginia Institute of Technology 2002

ERIC COBERLY, P.E.
PROJECT PRINCIPAL



Education

M.S. Engineering of Mines, West Virginia University, 1990

B.S. Engineering of Mines, West Virginia University, 1983

Registrations

Registered Professional Engineer in West Virginia, Ohio, and Maryland



Professional Experience

Mr. Coberly has more than 30 years of experience as an infrastructure and mining engineer. He has extensive experience in project planning, funding coordination and design. Mr. Coberly has managed projects with ELR which have involved site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, providing expert witness services and various post mining land use projects.

Additionally, Mr. Coberly served as the Chief for the West Virginia Department of Environmental Protection Abandoned Mine Lands Division for more than 4 years. In this position he was responsible for managing and directing all operations. He has spent his career working to better the State of West Virginia in both the private and public sectors.

Representative Projects

The following is a sample list of recent projects on which Mr. Coberly has served as Project Manager

- City of Bluefield Commercialization Center - \$2.55 Million
- Greenfield Cabinetry Building Expansion - \$3.64 Million
- Scott Findley Road Waterline Extension Project - \$1.2 Million
- Exchange Road Phase I Waterline Extension - \$3.1 Million
- Putnam Business Park Utility Extension Phase II - \$1 Million
- Kenova Downtown Water System Upgrade - \$1.9 Million
- Kenova Prichard Waterline Replacement and Upgrade Project - \$4.7 Million
- Route 18 South-Snowbird Road Waterline Extension Project - \$969,000
- Big Flint Waterline Extension Project - \$7.8 Million
- Poca Belt Press - \$1.6 Million



- Blue Knob Waterline Extension Project - \$2.3 Million
- Town of Burnsville Sewer Study - \$2.7 Million
- Bergoo Wastewater Collection and Treatment System Project - \$2.7 Million
- Cow Creek Waterline Extension Project - \$815,000
- WVDEP OSR Viking Preston Mining Project - \$2.3 Million
- Over 100 West Virginia Department of Environmental Protection Abandoned Mine Lands reclamation projects

Todd Schoolcraft, PLA, ASLA, LEED® GA
Project Manager



Education

B.S. Landscape Architecture, West Virginia University, 1991

Registrations

PLA, West Virginia, 1995
RLA, North Carolina, 2005
RLA, Ohio, 2002
CLARB Certified, 2001
LEED® Green Associate, 2012



Professional Experience

Mr. Schoolcraft has over 25 years of experience in the fields of landscape architecture and land planning, with over 33 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects and leading multi-disciplined teams of professionals resulting in the successful delivery of numerous quality projects on-time and on-budget. Major areas of specialty include commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft is a retired U.S. Army Officer, holding the rank of Major, with over 23 years of time in service in the U.S. armed forces. In the last years of service, he held the position of Operations Officer with the newly formed Chemical, Biological, Radiological, Nuclear or High Yield Explosive Enhanced Response Force Package Team (CERFP Team) with the West Virginia Army National Guard. Prior to this, he was a combat engineer with the Design Section of the 111th Engineer Group, West Virginia Army National Guard. The 111th Engineer Group served in the Middle East in support of Operation Iraqi Freedom and Operation Enduring Freedom. During that time, Mr. Schoolcraft was awarded the Bronze Star Medal for meritorious service associated with a multitude of engineering and architectural projects in Kuwait and Iraq. Mr. Schoolcraft was appointed by the governor to the West Virginia State Board of Landscape Architects and served over 9 years as Secretary and Treasurer.

Representative Projects

Hobet / Rock Creek Development Park Economic Feasibility, Strategic Planning, and Market Analysis, Commerce Department, WV Development Office, Boone and Lincoln Counties, West Virginia: Project Manager. Responsible for client coordination, master planning and document quality oversight. Prepared a strategic plan for the development of a mixed-use site on the previous Hobet surface mine site. The site consists of 25,500 acres and constitutes the largest industrial-commercial site in the State of West Virginia. Working closely with the WVDO and the WVANG, created a plan to address current supply and demand of industrial/commercial land; analysis of the economic impact and benefits of developing the site; recommendations for best development use of the various areas of the site; transportation, infrastructure and utility considerations; schematic layout of the site to address industrial, commercial, residential and mixed-use development; development incentives and strategies for marketing the site; funding options for site development; and a prioritized, step-by-step procedure for developing the site into the future. Provided design services for the preparation of a park master plan, economic impact analysis,



and development procedures for five different use areas totaling over 9,000 acres of developable land. The park plan includes an active recreation park, residential neighborhoods, National Guard training facilities, rail access, a community gateway, flexible industrial sites, large catalyst sites, and future expansion areas.

West Virginia Army National Guard TAG Wing Improvements, Division of Engineering and Facilities, Charleston, WV.: Project Manager. Responsible for design and document quality oversight. The Facilities Management Office (FMO) for the State of WV, West Virginia Army National Guard (WVARNG), executed a contract on a lump sum/fixed fee basis for architectural engineering services to provide complete design and construction administration services for the renovation of the first floor of the entire wing of the Office of the Adjutant General (TAG). The State Army National Guard Headquarters in Charleston, West Virginia was originally constructed in the early 1960's. Over the years, there have been numerous upgrades to the facility. The Owner requested the need for modernization of approximately 12,000 square feet of existing outdated office space. Project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, alterations to the existing floor plan, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal. Worked closely with the client during the planning phase to define a project scope that would upgrade the existing facility in a fashion consistent with previous renovations and within a limited budget.

WV Army National Guard Alloy Armory Bank Stabilization, Falls View, Fayette County, West Virginia. Project Manager. Responsible for planning, detailed design, specifications and construction documents. The Alloy Armory, situated between the communities of Alloy and Charlton Heights in Falls View on US Route 60, had been home to various armored cavalry units of the West Virginia Army National Guard (WVARNG) over the years, and the armory and motor pool was situated directly in front and adjacent to a large stream susceptible to high-water events. After one particularly strong storm event, the berm protecting the facility was severely damaged. A new berm was designed with gabion basket reinforcing, and a new concrete-lined trapezoidal channel was proposed to safely redirect the stream flow away from the armory and motor pool.

Parking Lot Expansion and ADA Accessibility Upgrade, Fixed Wing Army Aviation Training Site (FWAATS), Benedum Airport, Bridgeport, West Virginia: Project Manager. Responsible for site-civil design, construction document preparation and construction administration. Conceptual and final detailed design services were provided to expand the main parking area, maintain Section 504 ADA compliance, and improve site drainage and landscaping. Recommendations for improvements to the traffic flow at the loading dock and plans for pavement striping were also developed.

Robert E. Rooney Marshalling Yard and Final Rinse Facility, Port Ash Shuaybah, Kuwait. US Army Corp of Engineers: Project Manager. Responsibilities included leading a design team with the 111th Engineer Group, West Virginia Army National Guard (WVARNG) in the development a master plan, final construction documents, bidding assistance, and construction oversight. This project involved the development of a Sea Port of Embarkation (SPOE) Sterile Storage Area and Final Rinse Facility in the Persian Gulf area for use by Coalition Forces during Operation Iraqi Freedom. The improvements proposed included installation and construction of a rinse facility capable of serving all categories of military vehicles, trailers, towed equipment and storage containers for final rinse before being loaded onto transport vessels. The area also included sterile storage areas for redeployment and temporary storage areas for deployment operations. The project was taken on as a joint effort with the Army Corp of Engineers/GRE project. The project mission included the design, planning and coordination with local contractors and the USACE in the construction of the two-acre concrete final rinse facility, 26-acre asphalt sterile storage area, and 47-acre marshalling area in three separate phases. Construction cost: \$5.54 Million U.S. dollars.

Building 5 Command Group Renovations, Zone II, Camp Arifjan, Kuwait. Third Army, United States Army Central (USARCENT), Coalition Forces Land Component Command (CFLCC): Project Manager. Project responsibilities included site surveying and base map preparation, site civil and architectural plan preparation, detailing, bidding, and construction administration for renovations required by CFLCC C-7 for the Command Group move from Camp Doha, Kuwait, to Camp Arifjan, Kuwait. Elements of the project included second floor 11-foot expansions on the north and south wings with structural layout, two new stairwells, expansion of existing office space, installation of men's and lady's restrooms, renovations to electrical, communications, and fire detection and suppression systems, extension of water service, sewer line design, and other amenities as needed. Periodic construction administration services were included during construction. Construction cost: \$267,000.00 U.S. dollars.

Port Shuaybah Pier Assessment, Port Ash Shuaybah, Kuwait. Third Army, United States Army Central (USARCENT), Coalition Forces Land Component Command (CFLCC): Project Manager. While on deployment in the Middle East with the Design Section of the 111th Engineer Group, West Virginia Army National Guard (WVARNG) was tasked to perform a conditional survey of the existing pier area at the Port of Shuaybah, on the Persian Gulf, Kuwait. The facility had been used by the U.S. Military since November 2002. The 143 TRANSCOM, in charge of deployment and redeployment operations in the area, had been utilizing the facilities owned by the Kuwaiti Government. Over time, some damage had occurred in the areas of U.S. Military operations. The survey was executed to document the conditions of the pier area, evaluate damaged areas, and recommend construction methods for repair. The inventory walk-thru began in Pier Area 12, continuing counter-clockwise through Pier Area 20. Each damaged area was photographed, measured, located with GPS, and filmed by digital video. Thirty-one (31) areas of damage/deterioration were identified. Conclusions and recommended actions were made in the final report.

Building 5 & 6 Renovations and Electrical Upgrades, Zone II, Camp Arifjan, Kuwait. Third Army, United States Army Central (USARCENT), Coalition Forces Land Component Command (CFLCC): Project Manager. Project responsibilities included site surveying and base map preparation, site civil and architectural plan preparation, detailing, bidding, and construction administration of renovations required for the main body CFLCC move from Camp Doha, Kuwait, to Camp Arifjan, Kuwait. Elements of the project included converting 3 bays of existing warehouse space into office space including conference rooms, private offices, cubicle layouts, acoustical ceiling installation, construction of men's and lady's restroom complex, renovations to electrical, communications, and fire detection and suppression systems, extension of water service, extension of sewer line service, extensive modifications to the primary power supply for Building 5 and 6, design of a T-SCIF area, extension of main communications and fiber optics lines from Zone I of Camp Arifjan to Zone II, and other amenities and infrastructure as required, including periodic construction administration services. Construction cost: \$7.34 Million U.S. dollars.

Camp Arifjan Truck and Contractor Access Road, Greater Camp Arifjan Area, Kuwait. Third Army, United States Army Central (USARCENT), Coalition Forces Land Component Command (CFLCC): Project Manager. Project responsibilities included site surveying and base map preparation, site civil design and detailing to include, horizontal alignment, vertical alignment, grading and drainage design, cross section preparation, pavement design, construction observation and administration, and construction of the 2.4 kilometers of 10-meter wide asphalt road with associated shoulders and intersections. Estimated construction cost: \$1.5 Million U.S. dollars.



Tim Scott, PLA Landscape Architect



Education

B.S. Landscape Architecture Minor in Geography: GIS and Regional Planning and Development
West Virginia University, 2010

Registrations

Professional Landscape Architect in Ohio



Professional Experience

Mr. Scott joined E.L. Robinson in August of 2016 and has since become an integral part of the design team. Prior to joining E.L. Robinson, Mr. Scott worked for a small landscape architecture firm in eastern Ohio where he was the project manager for residential projects while also working on various other projects that spanned into northern West Virginia and south-eastern Pennsylvania. Mr. Scott has experience in all phases of the design process in projects including: parks and recreation; streetscapes; commercial and residential design; civic and institutional design; botanic gardens; and trail design. Aside from working at E.L. Robinson, Mr. Scott has over twenty years of military experience and currently flies UH-60 Blackhawk helicopters for the West Virginia Army National Guard.

Representative Projects

The Health Plan Corporate Headquarters - Wheeling, WV: Provided conceptual and final site designs; and prepared construction documents and bidding documents for the new corporate headquarters building in downtown Wheeling. The project consisted of a complete site design which included off-street parking, an outdoor pocket park, a sandstone and grass amphitheater and open space for outdoor exhibits. The project also included a new streetscape design which incorporated the use of bioswales which parallel between the sidewalks and on-street parking to help reduce the load on the city's storm system. The intent of the new streetscape design is to serve as the City of Wheeling's new standard for future streetscape designs.

Market Street Plaza Redesign - Wheeling, WV: Prepared construction documents and provided construction administration for the redesign of Market Street Plaza in downtown Wheeling. The redesign consisted of improving both vehicular and pedestrian traffic all while maintaining ADA standards; preserving and promoting a portion of the city of Wheeling's history and culture; and providing the area with a safe place for local businesses and their patrons to gather. The elements of the redesign consisted of new concrete sidewalks and brick paving; on-street and off-street parking; gated access for tenants; new tables and benches; historic interpretation and signage; and new planters and planting material.

Belmont County Senior Services Center - St. Clairsville, OH: Worked on all phases of the design process from conceptual design through preparing construction and bidding documents. The project consisted of a complete site design to include building location and orientation; visitor and employee parking design; vehicular and pedestrian circulation; and on-site storm water retention. The elements of the design included concrete sidewalks,



bioswales, traffic signage, and planting material.

Military Road Park - Zanesville, OH: Worked on all phases of the design process from conceptual design, to preparing construction and bidding documents, through providing construction administration and project close-out. The design of the project was to create an accessible trail which connected to an art museum through a newly established meadow and woods; removing invasive species while reestablishing native tree species to provide a wooded area over time. The initial design elements consisted of an accessible parking space, an asphalt trail, a wood chip path, a custom-designed stream crossing, deer fencing, and new planting.

McIntire Wildlife Park - Zanesville, OH: Worked on all phases of the design process from conceptual design through preparing construction and bidding documents. The design consisted of a reuse of the former site of McIntire Elementary School in Zanesville to create a pocket wildlife park for the local community as well as provide outdoor classrooms and educational spaces for the local schools. The enclosed park created new off-street parking; asphalt and compacted gravel trails through the site; an outdoor amphitheater/classroom; educational gardens; a water feature to attract wildlife; and bird houses, bird baths, and bat boxes. The planting scheme for the park was designed to create a succession of landscapes which mimic the natural landscapes of central and eastern Ohio: forests, successional shrub zones, and natural meadows; all while promoting wildlife habitation.

Seven Springs Mountain Resort Parking Plan - Seven Springs, PA: Assisted with conceptual redesign of the main parking lot for the main lodge of Seven Springs Mountain Resort in Pennsylvania. The redesign improved vehicular and pedestrian circulation while incorporating bioswales and bioretention for storm water control.

Romney Streetscape - Romney WV: Prepared construction documents for a sidewalk replacement project for the town of Romney. The design improved accessibility and addressed storm water issues while remaining sensitive to some of the town's historic structures. The elements of the design consist of: concrete sidewalks, accessible curb ramps, and curbing; yard drains with underdrain; and new catch basins.

Charleston East End Safe Routes to School - Charleston, WV: Prepared construction documents for a sidewalk replacement project for the city of Charleston as part of the Safe Routes to School program. The elements of the design consist of: concrete sidewalks, accessible curb ramps, curbing, and new catch basins.

Forks of Coal State Natural Area - Alum Creek, WV: Worked on final design and prepared construction documents for a new state natural area and education center at the confluence of the Big Coal and Little Coal Rivers. The project's final design encompassed a complete site design to include: a new access road; building placement and orientation; an entry plaza and gathering space; parking lot design with bioswales and a detention basin; vehicular and pedestrian circulation; an outdoor amphitheater/classroom with accessible seating and an accessible trail with retaining walls for access; and a new entry sign.

JACK RAMSEY, P.E.
PROJECT ENGINEER



Education

B.S. Civil Engineering, West Virginia Institute of Technology, 1994

Registrations

Registered Professional Engineer in West Virginia, Ohio, Pennsylvania, and Virginia

Professional Experience

Mr. Ramsey has nearly 25 years of experience in the planning, design and construction management of water and wastewater systems. His proficiencies include preliminary engineering reports, feasibility studies, line layout, hydraulic design, lift and booster station design, water storage tank design, water and wastewater treatment plant design and rehabilitations, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.

Mr. Ramsey has worked on projects ranging in size from \$10,000 to over \$40 million. They include everything from single water line extensions to large-scale advanced technology wastewater treatment plants.

Mr. Ramsey has been recognized by the American Registry of Outstanding Professionals as well as Cambridge Who's Who in the field of water and wastewater engineering. He has also written several articles that have been published in the WV Rural Water Association's Quarterly. Mr. Ramsey also served as the Planning Director for the Town of Winfield Planning Commission from 2003 to 2007.

Representative Projects

Wastewater:

Buffalo Creek PSD: Wrote the preliminary engineering report for a \$13.4 million dollar sanitary sewer project. The project included new sanitary sewer lines in the Greenville / Landville area to serve 114 customers, replacement of the main lift station and force main to the WWTP and an upgrade to the existing WWTP. The upgrade included converting the process from RBCs to a VLR, replacement of the headworks, addition of a secondary clarifier, expansion of the chlorine contact chamber and other miscellaneous improvements.

City of Catlettsburg: Performed the design for a WWTP upgrade which included replacement of the grit removal system, expansion of the splitter box, installation of a third treatment unit, rehabilitation of the two (2) existing treatment units, installation of a centralized chlorine contact tank, installation of a belt filter press, replacement of the aeration blowers and other miscellaneous improvements. The project bid was \$2,684,000. This project is currently under construction.

Kanawha Falls PSD: Wrote the preliminary engineering report and performed the design for a \$6.7 million dollar sanitary sewer project. The project included replacement of a 12-inch force main, upgrades to 11 existing lift stations, equipment purchases and improvements to the existing WWTP. Improvements included renovations to the plant lift station, headworks upgrade, treatment unit repairs and other miscellaneous improvements.



Village of Cadiz: Performed the design and construction administration for the North Trunk Collection System Improvements – High Priority project. Project included replacement of 1,200 LF of 8-inch sewer line, rehabilitation of 3,675 LF of existing sewer line, rehabilitation of existing manholes and other miscellaneous improvements. The project bid was \$514,686.55.

Village of Cadiz: Wrote the preliminary engineering report for the South and Center Trunk Collection System Improvements project. Project included replacement of 26,900 LF of 8-inch and 6-inch sewer lines, rehabilitation of 22,950 LF of existing sewer line, rehabilitation of existing manholes and other miscellaneous improvements. The estimate construction cost is \$6,475,000. The project is currently in design.

Village of Rio Grande: Wrote the preliminary engineering report for the Wastewater System Improvements project. Project included replacement of 3,645 LF of 8-inch and 6-inch sewer lines, rehabilitation of 2,075 LF of existing sewer line, rehabilitation of existing manholes, installation of an automatic headworks unit and other miscellaneous improvements. The estimate construction cost is \$1,583,000. The project is currently in design.

Village of Woodsfield: Wrote the preliminary engineering report and performed the design for a \$2.3 million dollar sanitary sewer project. The project included separation of sanitary and storm lines, installation of an automatic bar screen, sludge drying bed improvements and other miscellaneous improvements.

Webster Springs PSD: Wrote the preliminary engineering report and performed the design for a \$2.7 million dollar sanitary sewer project. The project included new sanitary sewer lines / lift stations (Cluster System) in the Berrgo area to serve 61 customers and installation of a decentralized WWTP.

Water:

Excela Westmoreland Hospital: Design and permitting for three (3) secondary disinfection units within the facility to aide in combating Legionaries Disease.

Green Valley Glenwood PSD: Bidding and Construction Management for the water treatment plant upgrade, which consists of increasing the capacity from 600 gpm to 2,000 gpm by installing new sedimentation basins, new filters, replacing all pumps, construction of an underground clearwell, construction of a new high service pump / chlorine and fluoride building, construction of a new raw water chemical feed building, construction of a new raw water pump station and other improvements. The project bid was \$7,955,585. This project is currently under construction.

Green Valley Glenwood PSD: Bidding and Construction Management for the new raw water intake system, which consists of installation of approximately 15,515 LF of 16" PVC Raw Water Line, eleven (11) 16" Butterfly Valves and Boxes, nine (9) Air Relief Valves and all necessary appurtenances. The final construction cost was \$1,744,055.60.

Green Valley Glenwood PSD: Bidding and Construction Management for the Harmon School Road Extension, which consists of installation of approximately 7,865 LF of 6" PVC C900 Water Line, SIX (6) 6" Gate Valves and Boxes, two (2) Air Relief Valves, 22 Meter Settings, four (4) Fire Hydrants, one (1) Hydropneumatic Booster Station and all necessary appurtenances. The final construction cost was \$541,442.30.

JACK RAMSEY, P.E.
(CONTINUED)



Green Valley Glenwood PSD: Bidding and Construction Management for the purchase and installation of approximately 3,885 radio read meters ranging in size from 5/8" to 6" and all necessary appurtenances. The final construction cost was \$910,246.

Kanawha Falls PSD: Design, Bidding and Construction Management of the Gauley River Water Line Replacement project. Project included design and permitting of approximately 550 LF of 10" HPDE pipe via directional drill under the Gauley River. The final construction cost was \$278,622.

Village of Cadiz: Performed the Design and Bidding for the Water System Improvements project. Project included replacement of 14,875 LF of 2-inch and 12-inch water lines, 30 gate valves and other miscellaneous improvements. The project bid was \$1,398,946.04. The project is currently in construction.



JERRY D. KINDER, P.E.
PROJECT ENGINEER



Education

B.S. Civil Engineering, West Virginia Institute of Technology, 2008

Registrations

Registered Professional Engineer West Virginia

Professional Experience

Mr. Kinder has over 8 years of experience in many areas of civil engineering including roadway design projects, site development projects, geotechnical investigations, natural gas projects and retain structure design. Additionally, Mr. Kinder has experience in performing slope stability analysis for various roadway fills and bridges.

Prior to joining E.L. Robinson Engineering, Mr. Kinder gained experience in the manufacturing industry supervising various products. His duties included QA/QC testing, product development, estimating, on site installation assistance, inventory, production scheduling, oversight and site layout and design for more than 140 retaining wall projects throughout West Virginia, Ohio and Kentucky.

Representative Projects

Mr. Kinder has served as a project engineer for numerous structural projects including the following:

WVDOT Landslide Repairs- Lincoln County (20 sites)

WVDOT Landslide Repairs- Logan County (6 sites)

WVDOT Landslide Repairs- Mingo County (8 sites)

WVDOT WV 4 Clendenin Slip and Slide Repair (11 sites)

WVDOT Corridor H Kerens to U.S. 219 Connector (Geotechnical) - Randolph & Tucker Counties

WVDOT Laurel Creek Girder Bridge (Geotechnical) - Mingo County, WV

WVDOT Arnettsville Arch Bridge (Geotechnical) - Monongalia County, WV

FEMA - Town of Logan - Storm Damage Investigation

Crestwood Pipeline Projects- Doddridge County, WV

City of Williamson Water Treatment Plant Inlet Modification

Tracy Vickers Community Complex

West Edge Warehouse - Huntington, WV



JEFF PETRY, P.E.
PROJECT ENGINEER



Education

B.S. Civil Engineering, West Virginia Institute of Technology, 2008

Registrations

Registered Professional Engineer in West Virginia

Professional Experience

Mr. Petry has almost 10 years of experience as an infrastructure engineer. He has experience in a variety of areas including potable water distribution system extensions, wastewater collection system extensions, wastewater collection and treatment systems inflow and infiltration studies, and wastewater collection system remediation projects. He is proficient in a multitude of areas such as project planning, design, modeling, bidding, construction monitoring and wastewater collection system analysis.



Representative Projects

Mr. Petry has been a Project Designer/Project Engineer on the following projects:

Town of Wayne Waste Water Treatment Plant Project

Town of Burnsville Sanitary Sewer Evaluation Survey

Town of Bradshaw Comprehensive Sanitary Sewer Upgrade Plan

Branchland-Midkiff PSD - Two Mile Creek Water Extension Project

Town of Gilbert - Upper Gilbert Creek Water Extension Project

Town of Gilbert - River Bend Road Water Extension Project

Marshall County PSD - Mozart Sewer Extension Project

Town of Salem - Sewer System Evaluation Survey Project

Town of Salem - Storm Water Elimination Project

City of Williamson - Sewer System Upgrade Project



Education

B.S. Landscape Architecture, West Virginia University, 1976

Registrations

Professional Landscape Architect in West Virginia, Kentucky, Ohio, Maryland, and Virginia



Professional Experience

Mr. Nelsen has practiced landscape architecture for over 40 years principally in West Virginia but also has completed projects in Ohio, Indiana and Pennsylvania. His professional experience has afforded him opportunities to assist clients with park and recreation planning and design, community and urban planning, streetscape design, campus planning for elementary, secondary and higher education facilities and site planning and design for residential, commercial and public places. He has been involved in environmental planning and restoration especially lands degraded from past mining practices. He has managed site development on significant projects such as the Stonewall Jackson Resort and the Tamarack Art Center yet enjoys working with clients and communities assisting them visualize the improvements for their parcels and neighborhoods.

Representative Projects

Clay Center for the Arts and Sciences, Charleston, WV: Prepared construction and bidding documents and provided construction administration for a new public plaza space at the corner of Leon Sullivan Way and Washington Street for Charleston's premier performing arts and science center. The site's design called creating a cool green zone for people to gather informally and as an entertainment venue for special events. The relative flat site consisted of a circular plaza and fountain surrounded by a concentric ring of granite seat walls at the edge of the pavement radiating outward into the lawn area. Large 4" and 6" caliper Linden and Honeylocust trees were planted to create a shaded canopy for the space in front of the center.

Washington Street Streetscape, Charleston's East End, WV: Prepared master plan, construction and bidding documents and provided construction administration services for the remaining segment of the Washington Street streetscape from the state Capitol grounds to Charleston Area Medical Center which entailed a ½ mile of sidewalk replacement, new street lighting, brick accent pavements, street trees, landscaping, utility line relocation and burial and new underground electrical service for 30 structures. Total budget for the project was approximately two million dollars.

Completed streetscape and sidewalk projects over the last 5 years include Mt. Hope, Ronceverte, Chapmanville, Romney, Ceredo, Kenova, Gilbert, Harrisville, Weirton, Charleston, Huntington, Parsons, and many West Virginia for approximately \$2.6 million of improvements

Rich Mountain, Laurel Hill and Corrick's Ford Civil War Battlefields, Randolph, Barbour and Tucker Counties, WV: These are three distinct battlefields but are all related to each other because they are a progression of the first

major conflict in northwestern Virginia in July, 1861 between approximately 9000 Union soldiers led by General George McClellan and 5000 Confederate troops led by General Robert Garnett. The armies engaged each other at these three locations over a week's time resulting in the defeat of the Confederate forces. This early Union victory allowed Union sympathizers in the western counties of Virginia to organize a secessionist movement to form the new state of West Virginia. Services included providing master planning, interpretation recommendations, signage and trail development for each of these sites with archeological and historical consultants on the team. The planning and design efforts of these new public lands were focused on preservation and interpretation of each site's story about West Virginia's role in the Civil War.

Tamarack Art Center, Beckley, WV: Working with the architect for the project prepared the site master plan and managed design for all exterior improvements including access road, bus and car parking, earthwork, stormwater management, utility design, pedestrian walkways and plaza spaces, fountain design, landscaping, and irrigation design. This \$20 million facility is widely recognized in West Virginia and surrounding states as one of the finest venues for West Virginia artisans.

Stonewall Jackson Resort, Roanoke, WV: In the most recent major expansion of a West Virginia State Park, assisted the developer in an unique public private partnership to build new facilities at the park which included master planning for a lodge, golf course, expanded campgrounds, cabins, expanded day use facilities, trails and other site features. Prepared documents for regulatory review by the USACOE, WVDEP, and WVDNR. Managed the development of site preparation construction documents for the lodge, golf clubhouse, cabin area, and future campground areas. Assisted the golf course design team with storm water management and permitting issues. After the completion of new facilities have continued to assist the developer on future proposed amenities for the resort.

West Side Community Renewal Plan, Charleston, WV: Working with the Charleston Urban Renewal Authority, Charleston Planning Department and community leaders on the West Side developed the largest urban renewal plan within the city encompassing 228 acres and almost 900 buildings. With assistance of a public facilitation consultant held a series of meetings with residents and business owners to gain input into their vision for the plan. The adopted recommendations identified significant public and private recommendations with the strongest focus on a new home ownership zone around the new elementary school planned on Florida Street.

Beech Fork State Park Lodge Development, Lavalette, WV: Provided feasibility studies of three different sites for new lodge for the state park beginning in 2008 through 2011. Working with WVDNR and the architectural firm ZMM of Charleston to develop a conceptual plan for the lodge and site improvements for a 75 room lodge near the lake's beach area with a total construction cost of approximately \$29 million.

TOM RAYBURN
PROJECT SURVEYOR



Education

A.S. Mechanical Engineering, West Virginia Institute of Technology, 1970

Registrations

Registered Professional Surveyor in West Virginia and North Carolina

Professional Experience

Mr. Rayburn currently serves as Manager of Surveying for E.L. Robinson Engineering (ELR) and has more than 42 years of Design Surveying and Construction Surveying experience. The responsibilities include management of surveying and control for various design projects, including highways, buildings, and bridges. In addition, Mr. Rayburn manages and performs work consisting of courthouse research for property ownership resolution for the above mentioned project types. This includes preparation of property resolution maps, deed descriptions for property acquisitions required for project plan preparation. Mr. Rayburn has experience in Geodetic Control Surveys, 3D Laser Scanning, Photogrammetric Control, Topographic Surveys, Cemetery Surveys, Boundary Surveys, Construction Stakeout, Subdivision Surveys, along with Hydrographic surveys of river and lake bottoms. A few of the more notable surveying projects performed by ELR under the supervision of Mr. Rayburn, has been the Blennerhassett Bridge Project, 11 continuous miles of Corridor H design surveys, GPS Control for the West Virginia Statewide Mapping and Addressing Board Project, Willow Island – AMP Power Plant, and 3D Laser Scanning of I64/I77 Retaining Wall for Monitoring.



Professional Memberships

- WV Society of Professional Surveyors
- North Carolina Society of Surveyors
- WVAGP
- NSPS
- WV Board of Professional Surveyors appointment by WV Governor Earl Ray Tomblin in Spring of 2016
- WV Boundary Commission appointment by WV Governor Manchin in the fall of 2009



Alloy Armory Berm Repair

Project Location: Falls View, Fayette County, West Virginia

Client: DEFK, C&FMO, WV Army National Guard

Project Description: The Alloy Armory, situated between the communities of Alloy and Charlton Heights in Falls View on US Route 60, had been home to various armored cavalry units of the West Virginia Army National Guard (WVARNG) over the years, and the armory and motor pool was situated directly in front and adjacent to a large stream susceptible to high-water events. After one particularly strong storm event, the berm protecting the facility was severely damaged. A new berm was designed with gabion basket reinforcing, and a new concrete-lined trapezoidal channel was proposed to safely redirect the stream flow away from the armory and motor pool.

Buckwheat Express Vehicle Storage Facility

Project Location: Kingwood, Preston County, West Virginia

Client: WV Department of Transportation – Division of Public Transit and the Preston County Senior Citizens, Inc.

Project Description: The very long and severe winters of Preston County posed unique problems in providing transportation services to the general public, and specifically the senior citizens of the area. The Preston County Senior Citizens, Inc., responsible for the Buckwheat Express transportation system, developed an idea of creating a new storage facility to house its fleet of vehicles used in the running of the bus system. E.L. Robinson (ELR) was selected to provide these services, and prepared a master plan incorporating existing facilities, the proposed vehicle storage building, and future growth nodes. After surveying of the 9.04 acre site was complete and a master plan was in place, ELR followed up with geotechnical investigations that would support architectural and site-civil documents for the construction of a 10,560 square foot facility, with restrooms, offices, maintenance areas, parking, motorpool area, infrastructure and landscaping.

FWAATS Parking Lot Improvements

Project Location: Benedum Airport, Bridgeport, West Virginia

Client: DEFK, C&FMO, WV Army National Guard

Project Description: E.L. Robinson prepared a conceptual layout and detailed design for expansion to the main facilities parking area of the Fixed Wing Army Aviation Training Site (FWAATS) at the Benedum Airport near Bridgeport, West Virginia. The improvements included parking lot layout, handicap accessible parking spaces and building access, site drainage improvements, and landscaping.

Camp Virgil Tate Infrastructure Improvements

Project Location: Sissonville, Kanawha County, WV

Client: Kanawha County Commission and Camp Virgil Tate

Project Description: E.L. Robinson Engineering co. was retained by the Kanawha County Commission to provide planning, design and construction administration services for a new sanitary sewer line extension at Camp Virgil Tate in Kanawha County, West Virginia. The goal of E.L. Robinson Engineering Co. environmental and wastewater engineers was to produce a design that would enable our client to provide a safe, dependable and economical conveyance of sanitary sewage for the camp, while preserving and protecting the scenic and recreational elements at the same time. Working closely with our client, the Kanawha County Commission and Camp Virgil Tate, a practical solution that yields long-term benefits was produced, insuring a positive and successful project.

Mingo County Wood Products Industrial Park

Project Location: Mingo County, West Virginia

Client: Mingo County Redevelopment Authority

Project Description: The project involved site design including storm water drainage, expansion of existing wastewater treatment plant, preparation of construction plans and specifications, surveying and mapping, preparation of all necessary permit applications, preparation of bid/contract documents, participation in the solicitation and evaluation of bids, and construction administration. The project site utilized former mine lands.

Cost: \$ 3,875,000

Putnam County Business Park Phase II Industrial Access Road

Project Location: Putnam County, West Virginia

Client: Putnam County Development Authority

Project Description: The project included the development of a business park access road from the existing Phase I of the business park to connect to the newly constructed Route 35. In addition, E.L. Robinson provided design services to layout the Phase II site providing property layout, water, sewer, electric and other amenities for the business park.

Cost: \$800,000

Earl Ray Tomblin Industrial Park

Project Location: Logan County, West Virginia

Client: Logan County Development Authority

Project Description: The project included site design including storm water drainage; preparation of bid/contract documents; participation in the solicitation and evaluation of bids received; construction administration and inspection; assistance with easement/property acquisition; surveying and mapping; and preparation of all necessary permit applications. The development included 52 acres of land and located near the Southwest Regional Jail and US 119 Corridor G. The project site utilized former mine lands.

Upshur County Industrial Park

Project Location: Upshur County, West Virginia

Client: Upshur County Development Authority

Project Description: This 20 acre site project included an approximately 2000 LF access roadway along with approximately 300,000 CY of excavation, temporary and permanent storm water control structures, approximately 5100 LF of 8" waterline, 2000 LF of 8" gravity sanitary sewer, 2700 LF of 4" force main sanitary sewer, and a sanitary sewer lift station and sewer access road.

Cost: \$3,000,000

Belo Industrial Park

Project Location: Mingo County, West Virginia

Client: Mingo County Redevelopment Authority

Project Description: This project involved site design including storm water drainage, design of a wastewater treatment plant, preparation of construction plans and specifications, surveying and mapping, preparation of all necessary permit applications, preparation of bid/contract documents, participation in the solicitation and evaluation of bids, construction administration and inspection services.

Cost: \$ 1,300,000

Southern Highlands Initiative Project Wood Park 20 Acre Site

Project Location: Mingo County, West Virginia

Client: Rahall Transportation Institute

Project Description: The project included the development of 20 additional acres at the already established Wood Products Industrial Park. ELR completed a site plan that will include grading, drainage, sewer, roads, water, electric, phone, fiber and other amenities required for the successful development of the industrial park. The site currently has water and sewer available.

Cost: \$800,000

Jane Lew Industrial Park

Project Location: Lewis County, West Virginia

Client: WVDOT-DOH

Project Description: This project consisted of the study, design and preparation of construction contract plans and related documents to provide a left turn lane and modify the vertical alignment on Lewis County Route 7, which improved the site distance at the entrance to the Jane Lew Industrial Park. Also included as part of this project was the modification of the entrance to the Jane Lew Industrial Park to match the new grade of Lewis County Route 7.

Cost: \$950,000

Demonstration Farm Industrial Park

Project Location: Lincoln County, West Virginia

Client: Lincoln County Development Authority

Project Description: This project involved site development at the former Demonstration Farm. ELR performed mapping, site layout, grading, drainage, water, sewer and other utility layouts. The site currently houses the County 911 Center and Transit Authority.

Cost: N/A

Highland Mountain/Crickmer Road Waterline Extension Project

Project Location: Fayette County, West Virginia

Client: Danese PSD

Project Description: This project included the extension of water service to new customers on Highland Mountain and Crickmer Road. The project includes replacement of the PSD's failing Chestnut Knob pressure zone and includes a storage tank, booster station, pressure reducing station, approximately 84,000 LF of six-inch and smaller diameter water line. It will provide or improve service to 182 customers.

Cost: \$4,756,000

Besoco/Pickshin Water Project

Project Location: Raleigh County, West Virginia

Client: Raleigh County PSD

Project Description: Extension of water service to new customers in Besoco and Pickshin. The project includes the installation of approximately 6,400 LF of four-inch and smaller diameter waterline and a pressure reducing station to serve seven new customers.

Cost: \$1,791,400

Scott Road-Findley Road Waterline Extension

Project Location: Randolph County, West Virginia

Client: Norton Harding Jimtown PSD

Project Description: This project consists of the design and construction monitoring on a five mile waterline extension project in Randolph County. The six inch waterline extension provided service to areas determined to be affected by past coal mining activities.

Cost: \$1,300,000

Exchange Road Waterline Extension Phase II

Project Location: Braxton County, West Virginia

Client: Flatwoods-Canoe Run PSD

Project Description: The proposed project will extend water and serve 39 additional customers. The project will utilize a mix of Abandoned Mine Land and Small City Block Grant funds.

Cost: \$2,500,000

Coalwood Sewer Project Phase I

Project Location: McDowell County, West Virginia

Client: Fairmont McDowell County PSD

Project Description: This project includes the construction of approximately 4,600 lineal feet of 8" and smaller diameter sewer line, 2,300 lineal feet of 4" force main, one (1) lift station and one (1) 17,500 gallon per day wastewater treatment plant to provide service to 65 customers.

Cost: \$2,100,000

Hinton Combined Sewer Overflow Improvements Project Phase 1

Project Location: Summers County, West Virginia

Client: City of Hinton

Project Description: This project consists of (a) replacing 6,000 LF of old terra cotta sewer lines and other related work in the Riverside Drive area of Bellepoint, (b) installing 6,300 LF of storm drain pipe and other related work to separate storm water from the sewer collection system in the Bellepoint area, (c) upgrading the Bellepoint Pump Station, and (d) upgrading the UV disinfection system at the Hinton WWTP.

Cost: \$3,000,000

Bergoo Wastewater Collection and Treatment System

Project Location: Webster County, West Virginia

Client: Webster Springs PSD

Project Description: This project includes providing sewage collection and treatment system for 51 residences in the community of Bergoo. The system will include 4,600 feet of gravity line, 4,300 linear feet of force main, five pump stations and a small treatment plant.

Cost: \$2,692,500

Shady Spring PSD Sewage System Upgrade

Project Location: Raleigh County, West Virginia

Client: Shady Spring PSD

Project Description: This project involved designing upgrades to 7 existing pump stations to accommodate the rapid growth in this area. The upgrades include larger pumps, new force mains, wet-well transducers to replace floats, new standby generators and a new standby generator to serve the sewage treatment plant.

Cost: \$2,100,000

Salem Combined Sewer Overflow Project

Project Location: Harrison County, West Virginia

Client: Town of Salem

Project Description: The analysis of the data revealed portions of the system were well beyond their useful service life, in addition to many other issues. ELR is assisting the Town in moving forward to apply for funding, design solutions to the system deficiencies, and remediate the issues identified during the sanitary sewer evaluation survey.

Cost: \$1,900,000

CAMC 33rd Street Relocation

Project Location: Kanawha County, West Virginia

Client: BSA Architects for CAMC General Division

Project Description: This project involved providing civil, structural, geotechnical engineering and landscape architectural services for a new clinical teaching facility, expanded medical facilities, improved parking, and a friendly eastern entry for the Memorial Hospital site.

Cost: \$2,300,000

South Landbay Infrastructure Phase I

Project Location: Harrison County, West Virginia

Client: Genesis Partners

Project Description: This project included the construction of the Road A-4 and Road A-1 entrances, including a pre-cast arch bridge w/stone facing, roadway, storm water management, water and sewer mains, two sewage lift stations, as well as lighting and landscaping at the award winning Charles Pointe mixed land use community

Cost: \$8,800,000

North Hill Road Storm Drainage Improvements

Project Location: Braxton County, West Virginia

Client: Town of Sutton

Project Description: This project involved designing a new storm sewer system including the replacement of about 800' of a combination of collapsed stone box culvert and pipes. A portion of an existing sanitary sewer on North Hill Road was collapsed with raw sewage entering the storm sewer system.

Due to an undersized line, the project also required placing new 48" HDPE pipe from the Elk River and connecting to the existing 30" pipe on Main Street, but rerouting a new 36" HDPE line into North Hill Road to carry the majority of all the storm drainage in the new line. Storm inlets were replaced at the intersection of Main and North Hill Road. Also the 48" storm line was routed through the Braxton County Courthouse lawn to save total repair of Third Street (brick street) within Sutton's Historic District.

REFERENCES



Mr. Jim Spencer
City of Bluefield
200 Rogers Street
Bluefield, WV 24701
(304) 327-8670
jspencer@cityofbluefield.com

Mr. J.B. Heflin
Mingo County Public Service District
1 Riverside Drive
Naugatuck, WV 25685
(304) 235-2244
jbheflin@suddenlinkmail.com

Mr. Mike McNulty
Putnam Public Service District
107 South Poplar Fork Road
Scott Depot, WV 25560
(304) 757-6551
mikemcnulty@putnampsd.com

Ms. Leasha Johnson
Mingo County Redevelopment Authority
1657 East Fourth Avenue
Williamson, WV 25661
(304) 235-0042
ljohnson.mcra@suddenlinkmail.com

Mr. Rodney Pritt
Flatwoods Canoe Run PSD
406 Main Street
Sutton, WV 26601
(304) 765-2300
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Mr. Lloyd Coleman
Pocahontas County PSD
P.O. Box 250
Durbin, WV 26264
(304) 572-2566
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Col. Gene Holt
WVANG C&FMO
1707 Coonskin Drive
Charleston, WV 25311
(304) 561-6367

Lt. Col. Michael Beckner
WVANG C&FMO
1707 Coonskin Drive
Charleston, WV 25311
(304) 561-6475





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

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 507304

Doc Description: MCA Jobs Challenge Program Renovation

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2018-10-18	2018-11-08 13:30:00	CEOI 0603 ADJ1900000010	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

E.L. Robinson Engineering
 5088 Washington Street, West
 Charleston, West Virginia 25313
 (304) 776-7473

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
 (304) 558-8801
 stephanie.l.gale@wv.gov

Signature X *R. Todd Achor*

FEIN # 55-0594633

DATE November 7, 2018

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

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

R. Todd Schoolcraft

(Name, Title)

R. Todd Schoolcraft, Project Manager

(Printed Name and Title)

5088 Washington Street, West, Charleston, WV 25313

(Address)

phone: 304-776-7473 fax: 304-776-6426

(Phone Number) / (Fax Number)

tschoolcraft@elrobinson.com

(email address)

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

E.L. Robinson Engineering

(Company)

R. Todd Schoolcraft

Project Manager

(Authorized Signature) (Representative Name, Title)

R. Todd Schoolcraft, Project Manager

(Printed Name and Title of Authorized Representative)

November 8, 2018

(Date)

phone: 304-776-7473 fax: 304-776-6426

(Phone Number) (Fax Number)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts
(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: E.L. Robinson Engineering Address: 5088 Washington St. West Charleston, WV 25313

Name of Authorized Agent: Stephanie L. Gale Address: 2019 Washington St. E, Charleston, WV 25305

Contract Number: CEOI 0603 ADJ 1900000010 Contract Description: MCA Jobs Challenge Program

Governmental agency awarding contract: West Virginia Army National Guard

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: [Handwritten Signature]

Date Signed: November 7, 2018

Notary Verification

State of West Virginia County of Kanawha

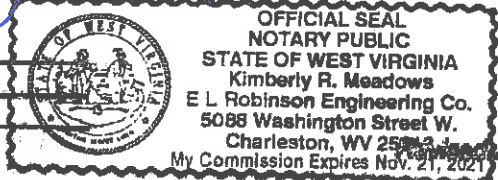
I, [Handwritten Signature], the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 7th day of November, 2018

[Handwritten Signature]

Notary Public's Signature

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____



Witnessed June 8, 2018

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(b), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-20-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §81-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: E.L. Robinson Engineering

Authorized Signature: [Handwritten Signature]

Date: NOVEMBER 7, 2018

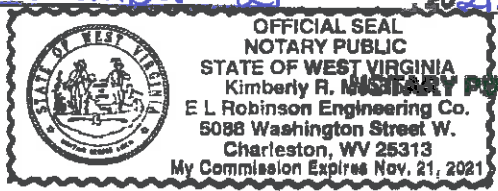
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 7th day of November, 2018.

My Commission expires November 21, 2021.

AFFIX SEAL HERE



[Handwritten Signature]

Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0603 ADJ 190000010

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

E.L. Robinson Engineering

Company



Authorized Signature

November 8, 2018

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/9/2012