



E.L. ROBINSON ENGINEERING

EXPRESSION OF INTEREST CEOI DNR 190000005

FEBRUARY 22, 2019



WEST VIRGINIA
DIVISION OF NATURAL
RESOURCES

BABCOCK, CHIEF
LOGAN, NORTH BEND
AND WATOGA STATE
PARKS WATERLINE
REPLACEMENT
PROJECTS

5088 Washington Street, West
Charleston, WV 25313
800.856.6485

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ENGINEERING

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Charleston, WV 25313

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February 22, 2019

Mr. Guy Nisbet, Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Re: Babcock, Chief Logan, North Bend and Watoga State Parks Waterline Replacement Projects
Expression of Interest
CEOI DNR1900000005

Dear Mr. Nisbet,

E.L. Robinson Engineering Co. (ELR) is please to submit this Expression of Interest for providing engineering, planning and design services for the referenced project.

ELR will provide project design, management and coordination with the WVDNR from our Charleston, West Virginia office. We have completed a multitude of wastewater projects during our 40 years serving the citizens of West Virginia and its agencies, including the WVDNR.

Thank you for this opportunity to submit our Expression of Interest for your consideration on these waterline replacement projects.

Sincerely,

E.L. Robinson Engineering

Eric J. Coberly, P.E.

Project Manager

elrobinsonengineering.com

SECTION 1: PROJECT APPROACH

Design Approach:

- Project kick off includes meetings at the various state parks with engineering staff and park's operation staff to verify the project scope, existing utility services and locations, and expected budget for the improvements.
- Topographic scans of the project areas will be required. These will provide topographic spot elevations of any given point desired within the location in addition to contours at 1-2' contour interval. Also locate all the existing connection points of the existing utilities.
- Review all available reports on existing services.
- Identify the probable permitting required.
- With the topographic mapping completed, prepare preliminary designs and develop cost estimates of construction.
- Present preliminary designs for review by WVDNR and assist in selection of project final scopes for construction documents.
- Complete construction documents
- Assist with bidding as required.
- Perform construction observation and administration to level requested by WVDNR.

Communication Procedures:

Eric Coberly, P.E. will serve as the Project Manager for these waterline replacement projects. He will be WVDNR's point of contact from preliminary design through the construction phase. He will rely on Ray Tilley, P.E., Jeff Petry, P.E., and Rick Roberts, P.E., for support during the infrastructure design phases. Our design team will meet with the WVDNR periodically at the various locations to review outstanding issues, design progress, permitting and regulatory issues and other items. Meeting summaries will be emailed to each team member for review and affirmation.

Budget & Schedule Approach:

ELR has a proven history with the WVDNR and other clients across the state meeting project budgets and schedules. One such example is the Beech Fork State Park Lodge Development where we provided civil, electrical, mechanical, and geotechnical engineering in addition to landscape architecture and surveying on the 75 room lodge development. Although the project only progressed through the design development phase, it was managed efficiently thus staying in budget and on schedule until the project was put on hold due to construction funding issues. Additionally, ELR successfully completed the Watoga Wastewater Treatment Plant Replacement, the Blackwater Falls State Park Sewage Treatment Plant Replacement and the Chief Logan State Park Recreational Facility on time and budget.



SECTION 1: PROJECT APPROACH

E.L. Robinson Engineering has a long history of working on water projects with not only the WVDNR but also for towns, PSDs and counties across the State of West Virginia. Our exceptional background includes water system planning, funding and design. Our team members have decades of combined experience working with communities in West Virginia, Ohio, among other states. Our areas of expertise include water service master plans, water treatment plant planning and design, pump station design, water tank design, waterline extension, distribution system upgrades, water distribution modeling, water facilities security, leak investigations, permitting, and capital investments funding.

Our management of projects is focused on achieving as much as possible of the owners goals within the budget available. Reaching that goal is three fold:

- First, we meet and determine with discussion from the decision makers what are the critical items to be completed within the project. Early on in the design, E.L. Robinson confirms those goals can be met or how they can be phased.
- Secondly, ELR will organize the bid documents to allow owners flexibility by using unit prices and additive or deductive alternates in the bidding process.
- Third, E.L. Robinson manages the construction process partnering with the client to manage our time to best serve the project during construction administration and observation. We have found this method allows the owners to take some responsibility for day to day observation during construction which better prepares them to maintain the system after completion.

E.L. Robinson understands the WVDNR desires to replace the water distribution systems at Babcock, Chief Logan, North Bend and Watoga State Parks as they are beyond their useful life.



SECTION 2: QUALIFICATIONS



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 ten offices throughout West Virginia (Charleston, Beckley, Bridgeport, and Chapmanville), Kentucky, Ohio and North Carolina. 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



SECTION 2: QUALIFICATIONS

Mr. Eric Coberly, P.E., will serve as Project Manager. Mr. Coberly is a leader in our Infrastructure Department and has substantial experience in the management and design of wastewater systems. Having spent 22 years of his nearly 35 year career at the WVDEP, Mr. Coberly can provide an unparalleled familiarity with the expectations of West Virginia agencies like the WVDNR.

Other key staff members that will be assigned to this project are as follows:

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. Ray Tilley, P.E., will serve as Project Engineer. Mr. Tilley has worked as a regulator, a PSD Manager and operator, and as a consulting engineer. Additionally, he offers vast experience in grantsmanship. His varied expertise offers clients an engineer who can assist in the funding of projects, prepare the necessary studies, design the project, work with regulators to secure approvals and oversee implementation. Further, Mr. Tilley assisted in the design of your water treatment facility.

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. Rick Roberts, P.E., will serve as Project Engineer. Mr. Roberts has over 30 years of experience as a water/wastewater designer, regulator and utility manager. He has extensive experience in project planning, design and construction of water and wastewater extensions. During his time as a utility manager, he oversaw the acquisition and upgrade/replacement of over 30 public water systems.

Mr. Tom Rayburn, P.S., will be assigned to oversee all Surveying activities. Our team of surveyors, managed by Mr. Rayburn, provides the latest in technology and experience in surveying and mapping. By using GIS based mapping and high-tech instrumentation, E.L. Robinson's survey team can evaluate any type of surface including lakes and river bottoms. Other services pertaining to surveying that our company specializes in are aerial photogrammetry consulting, hydrographic surveying, land surveying and GPS surveying.

Mr. Ronald Williams and Mr. Michael Hodges will be assigned to oversee construction inspection activities. ELR maintains a permanent and highly qualified construction inspection staff with outstanding experience and knowledge to very capably oversee the construction of your project.



SECTION 2: QUALIFICATIONS

Capacity to do Work

We are currently preparing plans for WVDOH, local Public Service Districts, and the WVDNR, among other clients. E.L. Robinson assures the West Virginia Division of Natural Resources that when the Various State Park Waterline Replacement Projects are assigned to us it will be performed by the experienced team assembled because we have the capacity to perform numerous projects at any given time frame.

Past Performance

The list of projects in Section 3 reflect recently completed projects with many funded by state and federal funds. All of the projects completed have been done within the available grant and local funds accomplishing the scope of work envisioned prior to construction.



SECTION 3: PROJECT TEAM



West Virginia Division of Natural Resources

Parks & Recreation Section

Chief, Engineering

Brad Leslie, P.E.

Project Manager

Eric Coberly, P.E.



QA/QC

Edward Robinson, P.E.



Project Engineers

Ray Tilley, P.E.

Jeff Petry, P.E.

Rick Roberts, P.E.

Inspectors

Ronald Williams

Michael Hodges

Surveying

J. Tom Rayburn, P.S.



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

EDWARD L. ROBINSON, P.E., P.S.
(CONTINUED)



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 MANAGER



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



ERIC COBERLY, P.E.
(CONTINUED)



- 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



RAY TILLEY, P.E.
PROJECT ENGINEER



Education

B.S. Civil Engineering, West Virginia Institute of Technology, 1975

Master of Science Sanitary Engineering,
Virginia Polytechnic Institute and State University, 1976



Registrations

Registered Professional Engineer in West Virginia and Florida

Class III Public Water Supply Operator [REDACTED]

Class IS Wastewater Treatment Works

Professional Experience

Mr. Tilley's experience in the water and wastewater field brings clients a unique perspective to their projects. He has worked as a regulator, a PSD Manager and operator as a consulting engineer, and has experience in grantsmanship. His varied experience offers clients an engineer who can assist in the funding of projects, prepare the necessary studies, design the project, work with regulators to secure approvals and oversee implementation. Most importantly, Mr. Tilley has the background necessary to see a project from the perspective of not only an engineer but also a utility manager and operator.

During his career, Mr. Tilley has taken many water and wastewater projects from inception to successful completion. Mr. Tilley has also read meters, flushed water systems and operated water treatment plans and wastewater systems. The understanding gained from that experience offers valuable insight to his clients.

Representative Projects

Wastewater System Planning:

Town of Ansted: Mr. Tilley drafted the facility plan for making improvements to the Town's wastewater collection and treatment facilities.

City of Charleston: Oversaw portions of a Combined Sewer Overflow (CSO) study as a sub-consultant to a national engineering firm.

White Oak PSD: Assisted the District in revising plans to upgrade its wastewater treatment facility.

Town of Burnsville: Assisted the Town in revising planned improvements to its wastewater treatment system.

Wastewater System Design & Construction

Crab Orchard, MacArthur PSD: Mr. Tilley served as Design Engineer on the layout of the northern area of the wastewater collection system. He also designed the pretreatment and flow measuring facilities at the wastewater



treatment plant.

White Oak PSD: Mr. Tilley served as Project Manager for the upgrade of this PSD's wastewater treatment facility which included pretreatment and flow measuring facilities and addition of a second clarifier.

City of Mullens: Mr. Tilley served on the Sanitary Board of Mullens overseeing construction during wastewater collection system improvements and construction of a new Sequencing Batch Reactor treatment plant. The collection system improvements included relining of much of the system.

Town of Burnsville: Design of improvements to a 100,000 gallon per day (GPD) aerated lagoon and replacement of portions of the collection system.

Town of Hillsboro: Consulted with the Town in the conversion of a stabilization pond to an aerated lagoon.

Wastewater System Operation

While serving as Managing Engineer of Logan County PSD, Mr. Tilley oversaw the refurbishment and return to service of a 20,000 GPD package sewage treatment plant serving the community of Green Valley. He also served as plant operator.

As Bluewell PSD General Manager, Mr. Tilley oversaw operation of the wastewater collection and disposal systems of Bluewell PSD and Bramwell PSD. The Bluewell PSD system includes gravity collection, five lift stations and a 400,000 GPD contact stabilization treatment plant. The Bramwell PSD collection system includes both vacuum and pressure sewers. A 100,000 GPD extended aeration plant provides treatment.

Water System Planning

Mercer County Water Study, Mercer County Commission: In the early 1980's, Mr. Tilley prepared a county-wide water study for the Mercer County Commission looking at areas of Mercer County that needed water service. Over the last two decades, that plan has been used as the basis for many projects, and continues to provide a valuable planning tool today.

Logan County PSD Rum and Huff Creek Regional Water System Studies: Mr. Tilley prepared the Rum Creek Water Study and oversaw the preparation of the Huff Creek Study. These documents were used as a planning tool to extend water service to much of Logan County.

Northern Fayette County Regional Water Study: In the 1990's, Mr. Tilley prepared this engineering report. It has provided an outline for providing water to northern Fayette County.

McDowell County PSD Water Study: Because of his previous experience in county-wide water system planning, Mr. Tilley was sought to prepare the engineering report for replacing failing water systems in McDowell County. The complete study recommended a phased approach which has been closely followed to successfully replace those failing systems.

Water System Design & Construction

Raleigh County PSD: As a Design Engineer, Mr. Tilley worked to layout and quantify this project to extend water service to Arnett and other communities along WV Route 3. He also served as Design Engineer on the extension of the Sycamore Water System near Colcord.



RAY TILLEY, P.E.
(CONTINUED)



Logan County PSD: Working as Project Manager, Mr. Tilley was involved in the design and construction of the Mud Fork Water System Extension, Rum Junction-Lyburn Water System Extension, Greenville Water System (including a 700 gpm surface water treatment plant), Dehue Water System Extension and designed and bid the Huff Junction-Green Valley Water System Extension. He also oversaw the design of the Atenville extension of the PSD's Big Creek water system.

Town of Ansted: As Project Manager, Mr. Tilley worked to implement this project to add 330,000 gallons of storage to the Town's water system and to provide raw water intake in the New River.

McDowell County PSD: Mr. Tilley served as Project Manager on the separate Coalwood and Caretta Water Systems.

Each of these systems involved a ground water treatment plant to remove iron and manganese. Mr. Tilley also designed water system extensions to serve Hemphill, Capels, Havaco, Wilco and Premier and did the preliminary design for the Bartley-English Water System. He also assisted the District in the installation of a microfiltration water plant for the community of Buchanan and consulted with the PSD during the development, design and construction of the Berwind Water Project.

Cool Ridge-Flat Top PSD: Served as Project Manager for this effort to increase the pumping capacity of this water system.

Bluewell PSD: Mr. Tilley served as Project Manager for the extension of water along the Falls Mills Road to the Virginia State Line. He also served as Project Manager on the project to extend water along Route 20 to the community of Littleburg and along the upper portion of the Littleburg Road. During that same project, water was extended to the communities of Duhring and Flipping. As the PSD's General Manager, he prepared the preliminary engineering report for a project to extend water to the Kirby Addition area of Bluewell and to make improvements to the Town of Bramwell Water System and incorporate it into Bluewell PSD.

Water System Operation

As Managing Engineer at Logan County PSD, Mr. Tilley operated a 700 gallon per minute (gpm) surface water treatment plant having an upflow clarifier and mixed media filtration. He also operated a 100 gpm groundwater plant having pressure greensand filters. Logan County PSD had approximately 1,200 customers in five water systems when Mr. Tilley left in 1989.



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



RICK ROBERTS, P.E.
PROJECT ENGINEER



Education

B.S. Civil Engineering, West Virginia Institute of Technology, 1982

Registrations

Registered Professional Engineer in West Virginia
Former West Virginia Class II Water Operator
West Virginia Class I – S Wastewater Operator



Professional Experience

Mr. Roberts has more than 36 years of experience as a water/wastewater designer, regulator and utility manager. He has extensive experience in project planning, specifically in water and wastewater extensions and the establishment and implementation of maintenance and preventative maintenance programs.

Mr. Roberts worked as a Utility Engineer with the Public Service Commission in the late 1980s. His primary responsibilities included gathering data and approving county plans as authorized by Senate Bill 191.

Mr. Roberts was the Managing Engineer for the Logan County PSD for more than 20 years. In this position, he was responsible for all aspects of the District's operations including financial planning, budgeting, operation maintenance, environmental compliance and testing, project planning and implementation, and regulatory oversight and compliance.

Specific Accomplishments

- Oversaw the completion of the construction of twenty-three major water and wastewater projects totaling over \$73,000,000.
- Responsible for the construction of a 2,800 GPM surface water treatment plant that was constructed so that it may be affordably upgraded to 5,600 GPM should the need arise. The plant went online in October 2002 and is exceeding all state and federal treatment requirements.
- Oversaw the construction of a regional 1.0 MGD Wastewater Treatment Plant capable of treating wastewater for over 2,000 customers. Further, the plant is upgradable to 3.0 MGD.
- Managed the purchase and upgrade of 23 privately owned water systems in Logan County. At the time of purchase, each was in poor condition and under "boil water advisories." All of these systems have, or soon will be replaced or upgraded.
- Assisted in flood recovery in the 1996 Logan County and 2001 Wyoming County floods. Mr. Roberts responsibilities included damage assessment, coordination with state and federal officials including FEMA and the actual repair and disinfection of the affected systems.



- Oversaw the extension of water and/or wastewater service to various economic development sites including the Logan County Airport, Southwestern Regional Jail, Earl Ray Tomblin Industrial Park, Wood Products Industrial Park, Chief Logan State Park Convention Center, Fountain Place Mall/Complex, Hatfield and McCoy Trail Facilities as well as eight exits of U.S. 119. All were completed on time and at or under budget.
- Precipitated a phenomenal growth and expansion at Logan County PSD. This growth can be attributed to several key factors: increased number of customers served; increased annual operating revenues; increased Utility Plant in service; increased amount of water mains in service; installed additional fire hydrants; and constructed additional storage tanks.

Representative Projects

Client	Project	Cost
Logan County PSD	Big Harts Phase I Water	\$7,288,000
Logan County PSD	Big Harts Phase II Water	\$4,952,000
Logan County PSD	Big Harts Phase III Water	\$2,732,000
Logan County PSD	Phase IIIA Sewer	\$11,740,600
Logan County PSD	Phase IIIB-1 Sewer	\$5,832,276
Town of Chapmanville	Phase I Water	\$3,005,000
Town of Chapmanville	Phase II Water	\$2,529,000
Town of Gilbert	Horsepen Water	\$4,843,000
Town of Gilbert	Browning Fork Water	\$1,486,000
Town of Gilbert	River Bend Water	\$2,229,000
Town of Delbarton	WWTP Upgrade	\$10,693,420
Lubeck PSD	Lake Washington Sewer	\$3,400,000
Marshall Co Sewerage Dis	Mozart Sewer	\$8,318,507
Town of Matewan	Red Jacket Sewer	\$5,240,000
Eastern Wyoming PSD	Covel Water	\$5,719,000
Eastern Wyoming PSD	Barkers Ridge Phase I Water	\$6,655,000
Eastern Wyoming PSD	Barkers Ridge Phase II Water	\$3,020,615
Eastern Wyoming PSD	Beartown Water	\$9,410,000
Buffalo Creek PSD	WWTP Upgrade	\$14,867,700
Lincoln PSD	Lower Mud River Phase I	\$4,289,135
Lincoln PSD	Lower Mud River Phase II	\$2,337,000
Lincoln PSD	Alum Creek Sewer	\$20,000,000

J. TOM RAYBURN, P.S.
SURVEYING MANAGER



Education

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

Registrations

Registered Professional Surveyor in West Virginia

Professional Experience

Mr. Rayburn currently serves as Manager of Surveying for E.L. Robinson Engineering (ELR) and has more than 30 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 PSD Project, 3D Laser Scan and mapping of the CAMC Parking Garage partial collapse, and 3D Laser Scanning of I64/I77 Retaining Wall for Monitoring.



Representative Projects

Design Surveys:

Corridor H (WVDOT) Hardy County, WV: Lead Surveyor for Design Surveys, Right of Way Staking, etc. for approximately 11 miles of Corridor H in Hardy County, WV. This was for Sections 6 & 7 of Corridor H, both Sections of which are now under construction. Estimated construction cost of \$150 million dollars.

WV Route 10 (WVDOT) Logan to Man WV, Logan County, WV: Lead Surveyor for Design Surveys for a section approximately five miles in length from Man, WV, to Rita, WV, including the Man Bridge. Also provided control surveying for the entire project length of approximately 12 miles. The approximate five miles section of roadway is now under construction at an estimated cost of \$51 million dollars.

Blennerhassett Bridge, Corridor D (WVDOT), Wood County, WV: Lead Surveyor for Design Surveys for this landmark Bridge Project which is now under construction at an estimated cost of \$120 million dollars.

James Ramsey Bridge (WVDOT) Potomac River, Shepardstown, WV: Lead Surveyor for Design Surveys for this Bridge Project which is now completed at an estimated cost \$15.5 million dollars. This project involved working in an environmentally historic area, which adjoined a National Park.



US Route 35 (WVDOT) Mason County, WV: Lead Surveyor for Design Surveys for two Design Sections each approximately 2.5 miles in length from Lower Five Mile Road to Upper Nine Mile Road. Also provided control surveying for the entire US 35 design project length of approximately 22 miles.

I64/US 35 (WVDOT) I64 to US 34 Crooked Creek, Putnam County, WV: Lead Surveyor for Design Surveys, Right of Way Staking, etc. for approximately four miles of US 35 including Interstate 64 Ramps and Flyovers in Putnam County, WV. This included the I64 Bridges and Flyovers, which is now under construction.

ATB-Parrish Road (ODOT) Ashtabula County, Ohio: Project Design Surveyor for rail grade separation project. Project involved roadway realignment, 900' new bridge, new waterline, storm and sanitary sewers. Project is currently under construction. Estimated construction cost: \$8.6 million.

PIC-23-3.21 and Various (ODOT) Pickaway County, Ohio: Project Design Surveyor for ODOT Project PIC-23-3.21 and Various. Project involves deck replacements along 11 miles of US 23 in Pickaway County. Project includes large diameter culvert liner, interchange upgrade that includes mainline profile correction, ramp reconstruction, and addition of barrier wall and storm drainage. Project is currently under design (90%). Project scheduled for construction in 2007. Estimated construction cost: \$12 million.

ATB-90-22.06 (ODOT) Ashtabula County, Ohio: Project Design Surveyor for Interstate Reconstruction Project. Project includes total pavement replacement, bridge widening, and contra - crossover maintenance of traffic, culvert replacements and storm sewer rehabilitation and sign replacements. Project is currently under design (50%) and scheduled for construction in 2011. Estimated construction cost: \$36 million.

Construction Surveys:

Corridor D (WVDOT) Wood County, WV: Lead Surveyor for Highway/Bridge Construction Monitoring surveys for the following segments of Corridor D and related relocation projects:

Godbey Athletic Field Relocation Construction

Godbey Colt Field and Soccer Field Construction

West WV 47-East WV 47 Highway/Bridge Construction

East Buckeye-West Little Kanawha River Highway/Bridge Construction

Interstate I-79 Widening and Median Barrier (WVDOT) Harrison County, WV: Lead Surveyor for construction layout surveys for the widening of I-79 from the Meadowbrook Exit, north to the Jerry Dove Exit approximately three miles in length, as a subcontractor to the prime contractor.

CAMC 33rd Street Relocation and Building Expansion, Charleston, WV: Lead Surveyor for construction layout surveys for 33rd Street relocation along with ancillary items including sidewalks, drainage and utilities. Also layout surveys for building expansion project.



J. TOM RAYBURN, P.S.
(CONTINUED)



Saturn Dealership, Hurricane, WV: Lead Surveyor for Saturn Dealership site development and access roads at Hurricane Interchange of Interstate 64.

Arch Coal WV Mining Operations: Lead Surveyor as a subcontractor to Arch Coal operations for Valley Fill Construction (Up to 27 million cubic yard fills), mine haul road layout, drill line staking, and dragline pit layout.

Professional Memberships

American Congress on Surveying and Mapping

The American Association for Geodetic Surveying (AAGS)

Member Organization of ACSM.

Cartography and Geographic Information Society (CaGIS)

Geographic and Land Information Society (GLIS)

National Society of Professional Surveyors (NSPS)

West Virginia Association of Land Surveyors, Inc.



RONALD WILLIAMS
CONSTRUCTION INSPECTOR



Education

High School Diploma, Sissonville High School, 1978

Professional Experience

Mr. Williams has been employed at ELR since 1978. Mr. Williams has had primary responsibility for the inspection of water, wastewater, and gas line construction and drilling projects.

He has also inspected the construction of sanitary sewer installation for the City of Charleston, Greater St. Albans PSD and South Putnam PSD.

Waterline projects he has inspected include: Cooper's Creek, Oak Hill, Uneeda/Quinland, Town of Danville, Southern PSC, South Putnam PSD, Kanawha Orchard PSD, Webster County Commission, Kanawha County's 1997 Water Extension projects and most recently RDA 1999 water extension projects.

Mr. Williams has inspected the construction of storm sewers for the City of Charleston and the City of Parkersburg. He has also inspected the relocation of gas lines for the Southern PSC and Consumer's Gas.

Mr. Williams has been involved both as a surveyor and inspector on all major projects performed by ELR. Mr. Williams has performed extensive courthouse research on numerous survey projects and is responsible for the field work associated with the AML projects.

Representative Projects

Sewer Installation for the Town of Delbarton

Sewer Installation for the City of Gilbert

Sewer Installation for the City of Weston

Highway Construction Inspection on Corridor D in Parkersburg, WV

Construction of water and sewer lines for South Putnam PSD on Teays Valley RD+1 and 34 Widening in Scott Depot

Inspected replacement of sewage treatment plant at Holly River State Park

Inspected construction of a storm sewers in Charleston and Parkersburg

Inspected relocations of gas and waterlines for Southern PSD for the construction of U.S. 119 in Holden

Inspected relocation of gas lines for Consumers Gas on Docks Creek, Whites Creek and Harrisville



MICHAEL HODGES
CONSTRUCTION INSPECTOR



Education

B.A. Finance, Marshall University, 1995

Professional Experience

Mr. Hodges has been with E.L. Robinson Engineering since graduating from Marshall University. While still in school, he worked on E.L. Robinson Engineering's survey crew during the summer months and school breaks on E.L. Robinson's DEP projects.

Mr. Hodges has experience running Total Stations on several surveys in regards to: highways, roads and bridges, property lines, boundary surveys, topographic surveys, utility surveys and subdivision lots. Additionally, he has experience running GPS units for aerial mapping and topographic surveys.

Representative Projects

Mr. Hodges has worked as an inspector on the following projects:

- Delbarton Wastewater Treatment Plant Upgrade
- Putnam PSD 2009 Sewer Project
- Pigeon Creek Waterline Extension Project
- 18 Mile Creek Waterline Extension Project
- Coolridge PSD Waterline
- Green Valley Glenwood PSD Water System Upgrade
- Eastern Wyoming PSD Coval Water Project
- Logan County PSD Big Harts Water Extension
- Logan County PSD Phase III C1 Sewer Project
- Eastern Wyoming Otsego Water Project
- Logan County PSD Frances Creek Water Project



SECTION 3: PROJECTS

Cheat Mountain Water Acquisition Project

Project Location: Pocahontas County, West Virginia

Client: Pocahontas County PSD

Project Description: The project included a comprehensive study of the existing Cheat Mountain Water Company system including mapping and identifying all waterlines, valves, hydrants, etc.; evaluating existing water tanks and pump stations; evaluating water source drawdown; evaluating treatment plant facility; providing summary of necessary system improvements and potential extensions and providing design and monitoring of improvements.

Cost: \$2,300,000

Cheat Mountain Water Post Acquisition Project

Project Location: Pocahontas County, West Virginia

Client: Pocahontas County PSD

Project Description: This project included providing design for the tank replacements and upgrades; waterline extensions and treatment plant upgrades.

Cost: \$4,300,000

Thornwood Waterline Extension Project

Project Location: Pocahontas County, West Virginia

Client: Pocahontas County PSD

Project Description: This project included the study, design, and construction monitoring for a waterline extension from Bartow to Thornwood and Bowyer.

Cost: \$4,400,000

Scott Road-Findley Road Waterline Extension

Project Location: Randolph County, West Virginia

Client: Norton Harding Jimtown PSD

Project Description: This project consisted 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

SECTION 3: PROJECTS

Otsego/Pierpoint/Maben Waterline Extension Project

Project Location: Wyoming County, West Virginia

Client: Eastern Wyoming PSD

Project Description: The project consists of the construction of approximately 55,660 linear feet of 8-inch and smaller diameter water main, one 175 gallons per minute booster stations, one 158,000 gallons storage tank, fire hydrants, valves, individual customer services and other related appurtenances. The project made service available to approximately 380 (130 new and 250 existing) residential and small commercial customers.

Cost: \$9,800,000

Covel Waterline Extension Project

Project Location: Wyoming County, West Virginia

Client: Eastern Wyoming PSD

Project Description: The project consists of the construction of approximately 54,660 linear feet of 8-inch and smaller diameter water main, one 50 gallons per minute booster station, one 158,000 gallons storage tank, one 64,000 gallons storage tank, fire hydrants, valves, individual customer services and other related appurtenances. The project will make service available to approximately 59 potential residential and small commercial customers.

Cost: \$5,600,000

Barkers Ridge Basin Phase I Waterline Extension Project

Project Location: Wyoming County, West Virginia

Client: Eastern Wyoming PSD

Project Description: The project consists of the construction of approximately 78,980 linear feet of 8-inch and smaller diameter water main, two 100 gallons per minute booster stations, one 130,000 gallons storage tank, one 15,000 gallons transfer tank, fire hydrants, valves, individual customer services and other related appurtenances. The project made service available to approximately 130 potential residential and small commercial customers.

Cost: \$5,600,000

Bud/Alpoca Water System Upgrade Project

Project Location: Wyoming County, West Virginia

Client: Eastern Wyoming PSD

Project Description: The project consists of the construction of approximately 9,350 linear feet of 6-inch and smaller diameter water main, one small constant-run booster station, fire hydrants, valves, individual customer services and other related appurtenances and will upgrade/replace the existing failing water system serving approximately 170 existing residential and small commercial customers.

Cost: \$5,600,000

SECTION 3: PROJECTS

Mingo County PSD Emergency Intake Project

Project Location: Mingo County, West Virginia

Client: Mingo County PSD

Project Description: The project involved the construction of three emergency intake structures that tied in to the existing MCPSD's water treatment plants raw water intake line along the Tug Fork River as well as numerous valves and reconnections. The construction of these emergency intake structures allowed the MCPSD to provide dependable potable water to approximately 4,119 existing residential customers and 118 existing commercial customers as well as the ability to continue to provide those same services to their bulk rate users being Crum PSD and the Town of Kermit.

Cost: \$389,935

Pluto Bragg Water Project

Project Location: Raleigh County, West Virginia

Client: Raleigh County PSD

Project Description: The project involved an extension of water to the communities of Pluto and Bragg and the surrounding area. The project included making improvements to portions of Beckley Water Company's existing system on Pluto Road and providing water storage for the new PSD customers and the existing Beckley Water Company customers. The project involved construction of one 138,000 gallon water storage tank, a master meter, a pressure reducing station, 4,900 LF of ten-inch waterline, 49,600 LF of eight-inch waterline, 54,500 LF of six-inch waterline and 16,600 LF of two-inch waterline to serve 184 new customers.

Cost: \$7,100,000

Elkhorn Creek Phase I Water Project

Project Location: McDowell County, West Virginia

Client: McDowell County PSD

Project Description: This phase of the project involved construction of a new 600 gpm water treatment facility at Maybeury and replacement of the existing water systems serving Maybeury, Switchback and Elkhorn. The project also included construction of a 400,000 gallon water storage tank.

Cost: \$8,000,000

Town of Rupert Backwash Water Disposal Facility

Project Location: Greenbrier County, West Virginia

Client: Town of Rupert

Project Description: The Town of Rupert's backwash disposal facility was in very poor condition and in need of replacement. This project provided the Town with a new backwash water disposal facility including dual decant basins and dual sludge drying beds.

Cost: \$825,000

SECTION 3: PROJECTS

Mt. View/Streeter Water Project

Project Location: Raleigh County, West Virginia

Client: Cool Ridge-Flat Top PSD

Project Description: This project involved the extension of water service to several areas of Raleigh County including largest area, Mt. View/Streeter, which lends it's name to the entire project. There were approximately 170 new customers served in the nine areas. The project involved over 17 miles of eight-inch and smaller diameter water mains, three pressure reducing stations and control work.

Cost: \$4,100,000

WV 82 Anthony Creek Water Project

Project Location: Nicholas County, West Virginia

Client: Birch River PSD

Project Description: This project involved the extension of the existing Birch River PSD Water System to the east along WV 82 and then south along Anthony Creek. The project included constructing approximately 32,000 lineal feet of eight-inch and smaller diameter water lines and the construction of a small constant pressure booster station to serve the last few homes on Anthony Creek.

Cost: \$1,800,000

Airport/Ameagle Water Project

Project Location: Raleigh County, West Virginia

Client: Raleigh County PSD

Project Description: E.L. Robinson Engineering assisted the Raleigh County PSD in the upgrade of its Airport Water System and in the extension of its Clear Creek Water System to serve the community of Ameagle and to provide a new source of water to the Sycamore Water System. The Airport Water System upgrade primarily includes replacing an existing 300 gpm booster station and constructing a 400,000 gallon water storage tank. The total project will provide new water service to approximately 70 customers and provide improved pressure and adequate available storage capacity to hundreds more.

Cost: \$2,300,000

Jolo Phase I Water Project

Project Location: McDowell County, West Virginia

Client: McDowell County PSD

Project Description: This project involved upgrading the Bartley Water Treatment Plant from a flow rate of 230 to 460 gpm, constructing approximately 38,000 lineal feet of 10-inch and smaller diameter water lines, and constructing a 200,000 gallon water storage tank to serve 130 new customers and provide the basis for further phases.

Cost: \$3,618,000

SECTION 3: PROJECTS

Jolo Phase II Water Project

Project Location: McDowell County, West Virginia

Client: McDowell County PSD

Project Description: This project involved constructing approximately 61,000 lineal feet of eight-inch and smaller diameter water lines, two booster stations and two storage tanks (53,000 gallon and 125,000 gallons) to serve 150 new customers.

Cost: \$4,258,000

Jolo Phase III Water Project

Project Location: McDowell County, West Virginia

Client: McDowell County PSD

Project Description: This project involved replacing (2) existing 50+ year old water storage tanks located on Pike Hill. These tanks were in poor condition and did not provide required water turnover. The Village also desired to upgrade water service to a recently annexed area of commercial growth along Shyville Road..

Cost: \$3,900,000

Jolo Phase IV Water Project

Project Location: McDowell County, West Virginia

Client: McDowell County PSD

Project Description: This phase of the project involved the service of 142 new customers by pumping water from Jolo up Bradshaw Mountain to a 164,000 gallon storage tank. Water is provided from the Bartley Treatment Plant.

Cost: \$3,600,000

Green Valley Glenwood PSD Water System Improvements Project

Project Location: Mercer County, West Virginia

Client: Green Valley Glenwood PSD

Project Description: The project involved planning, design, funding acquisition, permitting, bidding and construction administration for the project which included: Contract 1- Upgrade to the existing WTP to increase capacity and provide for higher quality of treatment including installing a new chemical feed building, two sedimentation basins, two gravity filters, a new high service / backwash pump building, construction of a new / larger clearwell, new piping, electrical and telemetry. Contract 2 - Installation of approximately 15,220 LF of 16-inch water line, 14 16-inch butterfly valves, and 13 raw water cleanouts. Contract 3 - Installation of approximately 7,800 LF of 6-inch water line and four fire hydrants to serve 25 previously unserved customers. Contracts 4&5 - Purchase and installation of nearly 4,000 radio read meters.

Cost: \$15,711,000

SECTION 3: PROJECTS

Heaters-Weyerhaeuser Waterline Upgrade

Project Location: Braxton County, West Virginia

Client: McDowell County PSD

Project Description: This project consists of the construction of approximately 32,000 lineal feet of new 10-inch waterline to replace the existing 6-inch waterline, 22 water main reconnections, 78 water meter reconnections and other related appurtenances. The existing waterline to the Flatwoods/Heaters area of the system is not capable of supplying the flow needed to provide fire protection to the resident and the Weyerhaeuser Mill simultaneously. The main line that serves the area is a 6-inch waterline that is under-sized and degraded.

Cost: \$8,000,000

Drews Creek Water Project

Project Location: Raleigh County, West Virginia

Client: Raleigh County PSD

Project Description: This project consisted of the extension of its Arnett Water System to serve 140 new customers. The project involved constructing approximately 57,000 lineal feet of eight-inch and smaller diameter water lines, a booster station and a 105,000 gallon storage tank.

Cost: \$2,300,000

Exchange Road Waterline Extension Phase I

Project Location: Braxton County, West Virginia

Client: Flatwoods-Canoe Run PSD

Project Description: This proposed project will extend water service to the surrounding areas. It will also provide an upgraded service and fire flow to the development at the Flatwoods exit along with a water storage tank.

Cost: \$3,100,000

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

SECTION 3: PROJECTS

Miller Mountain Water Main Extension Phase I

Project Location: Webster County, West Virginia

Client: Webster County Economic Development Authority

Project Description: This project provided water service via West Virginia American Water to approximately 82 residential and small commercial customers in the surrounding areas. The construction included a water main, two booster stations, one 163,000 gallon storage, one 15,000 gallons transfer tank, fire hydrants, valves, and other related appurtenances.

Cost: \$2,500,000

Miller Mountain Water Main Extension Phase II

Project Location: Webster County, West Virginia

Client: Webster County Economic Development Authority

Project Description: Project consisted of providing water service via West Virginia American Water to approximately 14 residential and small commercial customers in the surrounding areas. Also included construction of a water main, one pressure reducing station, fire hydrants, valves, and other related appurtenances.

Cost: \$1,000,000

Blue Knob Water Project

Project Location: Clay County, West Virginia

Client: Town of Clay

Project Description: The proposed project extends water service to 51 customers located along County Routes 26, 26/1, 18 and 18/1. The extension would tie into the existing Town of Clay system at the intersection of State Route 4 and County Route 26. The project will include a water storage tank and a booster pump station.

Cost: \$2,300,000

Dingess Phase I Waterline Extension Project

Project Location: Mingo County, West Virginia

Client: Mingo County PSD

Project Description: This project was keystone in providing water to surrounding areas by installing a new waterline system for twenty-nine miles. Along with three water storage tanks, three booster pump stations and two pressure reducing stations to serve approximately 695 homes and business.

Cost: \$12,400,000

SECTION 3: PROJECTS

Dingess Phase II Waterline Extension Project

Project Location: Mingo County, West Virginia

Client: Mingo County PSD

Project Description: This project connects to the Dingess Phase 1 Water Project. 16 homes and businesses in the surrounding areas of Mingo are benefitting from these services. Additionally, this project provided a source of water to both the Mingo County PSD's Jennies Creek Project and subsequently the Crum PSD's Route 152 Phase I Project.

Cost: \$2,200,000

Putnam Clarification Enhancement Project

Project Location: Putnam County, West Virginia

Client: Putnam PSD

Project Description: This project consisted of the replacement of the clarification facilities at the Poplar Fork Water Treatment Plant. The project involved the construction of a 4.5 MGD mixing/flocculation/settling basin. A concrete tank was constructed having three treatment trains to allow the plant to produce 3.0 MGD with one train down for cleaning.

Cost: \$6,900,000

Chapmanville Water System Replacement Project Phase I

Project Location: Logan County, West Virginia

Client: Town of Chapmanville Water and Sewer Board

Project Description: This project consisted of the construction of approximately 10,240 linear feet of 10-inch and smaller diameter water main, demolition of two existing 100,000 gallons storage tanks, restoration and painting of one existing 300,000 gallons storage tank, construction of one new 200,000 gallons storage tank, fire hydrants, valves, individual customer services/reconnections and other related appurtenances.

Cost: \$3,005,000

Chapmanville Water System Replacement Project Phase II

Project Location: Logan County, West Virginia

Client: Town of Chapmanville Water and Sewer Board

Project Description: This project consists of the construction of approximately 13,960 linear feet of 10-inch and smaller diameter water main, 14 fire hydrants, valves, individual customer services/reconnections and other related appurtenances.

Cost: \$2,529,000

REFERENCES



Mr. Jim Boggs

Wayne County Commission
700 Hendricks Street
Wayne, WV 25570
(304) 272-6350
jimmyboggs@waynecountywv.org

Mr. Richard Smith

Lavalette Public Service District
5308 WV 152
Lavalette, WV 25535
(304) 525-3771
RichardSmith@lavalettepsd.com

Mr. Lloyd Coleman

Pocahontas County Public Service District
14066 Back Mountain Road
Bartow, WV 24920
(304) 456-3127
lcoleman@pcpsd.org

Mr. Curtis Elmore

Norton Harding Jimtown PSD
104 Hayes Street
Norton, WV 26285
(304) 636-3457

Mr. Rodney Pritt

Flatwoods Canoe Run Public Service District
406 Main Street
Sutton, WV 26601
(304) 765-2300
fcrpsd@yahoo.com

Mr. Jimmy Nichols

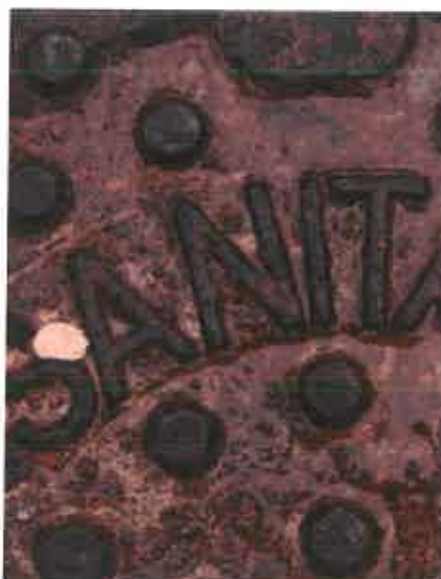
Town of Rupert
Drawer B
Rupert, WV 25984
(304) 392-5682
townofrupert@suddenlinkmail.com

Mr. William Baisden

Logan County Public Service District
P.O. Box 506
Logan, WV 25601
(304) 946-2641
wb@lcpd.com

Mr. Mike McNulty

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





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: 545312

Doc Description: A/E Services-Water Line Replacement at Various State Park

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-02-08	2019-02-25 13:30:00	CEOI 0310 DNR1900000005	2

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:

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X

FEIN# 55-0594633

DATE 2-22-219

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.

Eric J. Coberly, Project Manager

 (Name, Title)

 (Printed Name and Title)
 5088 Washington Street, West Charleston, WV 25313

 (Address)
 304-776-7473 304-776-6426

 (Phone Number) / (Fax Number)
 ecoberly@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)

Eric J. Coberly PROJECT MANAGER

 (Authorized Signature) (Representative Name, Title)

Eric J. Coberly, Project Manager

 (Printed Name and Title of Authorized Representative)

2-22-2019

 (Date)

304-776-7473 304-776-6426

 (Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

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

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


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

2-22-2019
Date

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

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

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 Street, West Charleston, WV 25313

Name of Authorized Agent: Eric I. Coberly Address: 5088 Washington Street, West Charleston, WV 25313

Contract Number: CEOI DNR 1900000005 Contract Description: Various State Parks

Governmental agency awarding contract: WVDNR

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: *Eric I. Coberly*

Date Signed: 2/21/19

Notary Verification

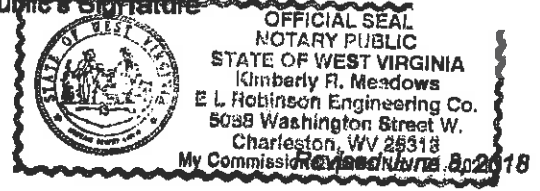
State of West Virginia, County of Kanawha:

I, *Eric I. Coberly*, 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 21 day of February, 2019.

Kimberly R. Meadows
Notary Public's Signature

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



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), 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 contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

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

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

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

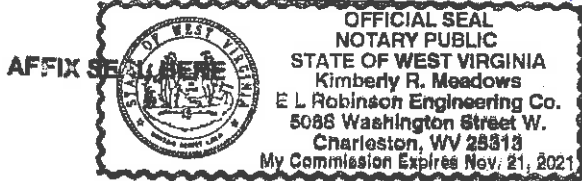
AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, 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: *[Signature]* Date: 2-22-2019
State of West Virginia
County of Kanawha to-wit:

Taken, subscribed, and sworn to before me this 22 day of February, 2019.

My Commission expires November 21, 2021



NOTARY PUBLIC *[Signature]*

ADDITIONAL INFORMATION:

Addendum

Addendum No.01 issued to add corrected bid opening information as attached that was wrong on initial page 4 of the advertised solicitation.
No other Changes.

Expression of Interest Request

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The Division of Natural Resources from qualified firms to provide necessary engineering, and other related professional services to design and specify for construction as well as provide construction contract administration, for the replacement of certain water lines at Babcock, Chief Logan, North Bend, and Watoga State Parks. The planned improvements may also include any other work necessary for, or related to, the aforementioned facilities, as well as any other necessary ancillary work; all located in Logan, Fayette, Ritchie and Pocahontas Counties, West Virginia.

* Online submissions of Expressions of Interest are Prohibited

BUYER TO	SHIP TO
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US	STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICATIONS No City WV 99999 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering	0.00000	

Comm Code	Manufacturer	Specification	Model #
81101500			

Extended Description :

Architectural/engineering services and contract administration for water line replacement at various West Virginia State Parks. Resort State Park.

SOLICITATION NUMBER: CEOI 0310 DNR1900000005

Addendum Number: 01

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

To republish page (4) of the original solicitation to clarify bid opening date as: 2/25/2019; 1:30 PM. EST.

No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

EXPRESSION OF INTEREST
WV Division of Natural Resources
Babcock, Chief Logan, North Bend and Watoga State Parks
Water Line Replacement

TABLE OF CONTENTS:

1. Table of Contents
2. Section One: General Information
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SECTION ONE: GENERAL INFORMATION

1. **PURPOSE:** The Acquisitions and Contract Administration Section of the Purchasing Division ("Purchasing Division") is soliciting Expression(s) of Interest ("EOI" or "Bids") for the West Virginia Division of Natural Resources ("Agency"), from qualified firms to provide architectural/engineering services ("Vendors") as defined herein.
2. **PROJECT:** The mission or purpose of the project for which bids are being solicited is to provide necessary engineering, and other related professional services to design and specify for construction as well as provide construction contract administration, for the replacement of certain water lines at Babcock, Chief Logan, North Bend, and Watoga State Parks. The planned improvements may also include any other work necessary for, or related to, the aforementioned facilities, as well as any other necessary ancillary work; all located in Logan, Fayette, Ritchie and Pocahontas Counties, West Virginia. ("Project").
3. **SCHEDULE OF EVENTS:**

Release of the EOI.....	02/01/2019
Written Questions Submission Deadline.	2/20/2019 at 8AM. EST.
Addendum Issued	TBD
Expressions of Interest Opening Date.....	2/25/19 at 1:30 PM. EST.
Evaluation Committee List of Three Highest Qualified Firms Provided.....	TBD
Estimated Date for Interviews of Three Firms.....	TBD
Price Negotiations Commence with Highest Ranked Firm	TBD

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: Fasten12

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 Robinson

Company


Authorized Signature

2-22-2019

Date

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