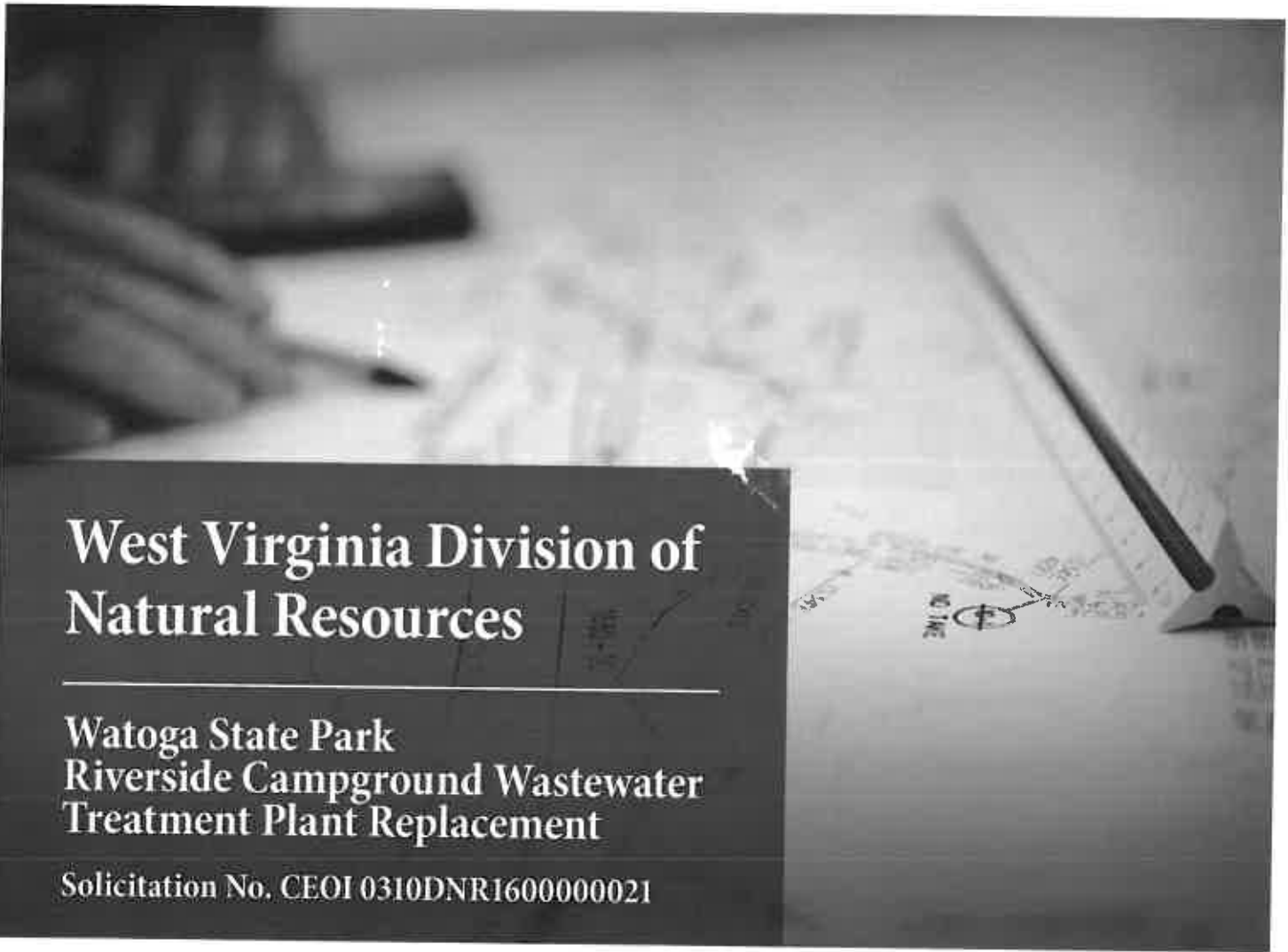




E.L. ROBINSON
ENGINEERING

Expression of Interest

JUNE 16, 2016



**West Virginia Division of
Natural Resources**

**Watoga State Park
Riverside Campground Wastewater
Treatment Plant Replacement**

Solicitation No. CEOI 0310DNRI600000021

06/14/16 14:06:33
\\WV Purchasing Division

ESTABLISHED EXPERIENCE. PROVEN PERFORMANCE.

**T: 304.776.7473
F: 304.776.6426**

5088 Washington Street, West
Charleston, West Virginia 25313

elrobinsonengineering.com

Table of Contents



Section 1: Project Approach

Site Understanding

Design Approach

Communication Procedures

Budget & Schedule Approach

Section 2: Qualifications

Firm Overview

Team Qualifications

Organizational Chart

Resumes

Section 3: Project Team Experience

Project Profiles

Section 4: References

Section 5: Required Attachments

Section 6: Certifications



June 16, 2016

Mr. Guy Nisbet, Buyer Supervisor

Department of Administration, Purchasing Division

2019 Washington Street, East

Charleston, West Virginia 25305-0130

Re: Watoga State Park Riverside Campground Wastewater Treatment Plant Replacement
Expression of Interest
CEOI 0310 DNR160000021

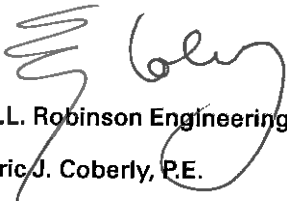
Dear Mr. Nisbet:

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 Cross Lanes, West Virginia office. We have completed a multitude of wastewater projects during our 38 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 this wastewater and water supply improvements project.

Sincerely,



E.L. Robinson Engineering

Eric J. Coberly, P.E.

Project Manager

Section 1: Project Approach

Site Understanding

The Watoga State Park Campground was constructed in the early 1980's. A 10,000 gpd package plant was installed to treat sewage from the campground facilities. The plant is in poor condition and is in need of replacement. The facility consists of two bath houses for the campground each having a pump station at each bath house. In addition, there is a camper dump station. There is a welcome check in center that also has a laundry service that flows by gravity to the lower bath house pump station.

The design loading will be calculated for the facilities per the Bureau of Health standards and an adequately sized facility will be designed. We were advised that there are no Inflow & Infiltration issues. There have been issues with the pump at the upper pump station and a replacement is ordered. The motor at the package plant has recently been replaced. The scope of the project will primarily be the replacement of the treatment facility.



Section 1: Project Approach

Site Understanding



Section 1: Project Approach

Design Approach:

- Project kick off includes meetings at Watoga State Park with WV State Parks engineering staff and park's operation staff to verify the project scope, existing well and utility services and locations, and expected budget for each park's upgrades.
- A topographic scan of the project area will be required. This 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 design and develop a cost estimate of construction.
- Present preliminary design for review by WVDNR and assist in selection of project final scope 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 be the project manager for this wastewater treatment plant replacement project. He will be WVDNR's point of contact from preliminary design through the construction phase. He will rely on Rick Roberts, P.E., Tim Cart, P.E., Ray Tilley, P.E., and Bob Hazelwood, P.E. for support during the infrastructure design phase. Our design team will meet periodically on site with WVDNR staff 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 history with WVDNR and other clients across the state meeting the owner's budget and schedule. Our most recent 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 design has progressed only through the design development phase the project was managed to stay in budget and on schedule until the construction documents phase was put on hold due to funding related issues for its construction. Additionally, ELR successfully completed both 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 working with not only the WVDNR but also on wastewater projects for towns, PSDs and counties across the State of West Virginia. Our projects have ranged from all package plants for gas stations to multi million dollar wastewater extension and upgrade projects. We have the capacity to work on many projects at the same time delivering the high quality you expect.

Our project management of projects are 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. Although not perfect we have found this allows the owners to take some responsibility for day to day observation during construction because they will have to maintain the project after completion and ELR performs periodic observation and all the construction administration.



Section 2: Qualifications

Firm Overview

E.L. Robinson is a multi-disciplined engineering and planning firm with a staff of over 135 full-time professionals and support personnel located in eight offices throughout West Virginia (Beckley, Charleston, Bridgeport, and Chapmanville), Kentucky, and Ohio. Over the last 38 years, E.L. Robinson has grown to be one of the most respected firms in the region, offering a diverse scope of services. Since 1978, E.L. Robinson has provided a full range of quality engineering services, from planning and analysis to design and implementation.

Named for its founder and president, Edward L. Robinson, P.E., P.S., the firm has based its success on a commitment to quality projects and superior client service. Finding new and creative ways to say yes to challenges has brought the firm's vision of excellence into reality. Along with this "yes, we can do it" attitude, the firm has grown to understand the ingredients of a professional service firm include not only brick and mortar, but also leading edge technology and a talented, motivated staff that is continually growing and advancing their skills. This dedication rewarded ELR with being named one of the Engineering News Record's top 500 engineering firms in the country.

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.

E.L. Robinson has been providing its clients with quality products and superior service since 1978. Our staff combines state-of-the-art technology, experienced professionals, and innovative methods to help our clients meet their challenges.

- Infrastructure
- Transportation
- Bridge Design
- Structural Engineering
- Geotechnical Engineering
- Environmental Engineering
- Site Development
- Right-of-Way Services
- Construction Administration/Observation
- Surveying/Global Positioning
- Landscape Architecture



Section 2: Project Team Qualifications

Team Qualifications

Our team will be led by **Mr. Eric Coberly, P.E.**, who heads our Infrastructure Department and has substantial experience in the management and design of wastewater systems. Having spent 22 years of his 32 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. Rick Roberts, P.E., Mr. Roberts has more than 25 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. Tim Cart, P.E. is a Civil, Structural and Geotechnical Engineer who has provided all the reports, plans and specifications for the referenced demolition projects previously identified. Tim has over 30 years of experience with landslide and abandoned mine land design solutions, infrastructure design for sewer and water line extensions and structural design for many buildings across the state.

Mr. Ray Tilley, P.E., has worked as a regulator, a PSD Manager and operator, and as a consulting engineer. 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.

Mr. Bob Hazelwood, P.E., has more than 37 years of experience as a civil engineer with specific experience in a multitude of engineering subfields. His extensive background includes water source distribution and treatment facilities, wastewater collection systems, storm water management, industrial and business parks, access roads, bridges, airports, various land development and structure renovations.

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.

Ms. Heather Woods-Shaffer, Construction Manager, has 20 years experience in all phases of construction projects. She has worked as inspector on WV Highway and Bridge projects throughout the state and has extensive knowledge and certification in all aspects of field testing for soils, concrete and aggregates.

Mr. Michael Hodges, Construction Inspector, has provided construction observation for the non traditional transportation project and other projects in West Virginia and will provide that same service for this project.



Section 2: Project Team Qualifications

Team Qualifications

Capacity to do Work

We are currently preparing plans for WVDOH, local Public Service Districts, WVDNR and other clients. E.L. Robinson assures West Virginia Division of Natural Resources that the Watoga State Park Riverside Campground Wastewater Treatment Plant assigned to us 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. The short outline of each project addresses cost control, project schedules and the quality of work is reflected in projects completed within budget and with limited changes orders.

Additional detail within the project profiles will be found later in this expression of interest.



Section 2: Project Team Qualifications
Organizational Chart

**West Virginia Division of
Natural Resources
Parks & Recreation Section**

Chief, Engineering
Brad Leslie, P.E.

QA/QC

Ed Robinson, P.E., P.S.

Project Manager
Eric Coberly, P.E.

Surveying

J. Tom Rayburn, P.S.
Jack Worstell

Engineering

Rick Roberts, P.E.
Tim Cart, P.E.
Ray Tilley, P.E.
Bob Hazelwood, P.E.

**Construction
Inspection**

Heather Woods-Shaffer
Michael Hodges
Ronnie Williams



Edward L. Robinson, P.E., P.S.
President



Education

M.S. Civil Engineering, 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, Virginia and North Carolina

Registered Professional Surveyor in West Virginia

Professional Experience

Mr. Robinson founded E. L. Robinson Engineering Co. 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 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 85 engineers, landscape 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 Board

President of West Virginia Council of Engineering Companies

Chairman Transportation Committee – WV Association of Consulting Engineers



Edward L. Robinson, P.E., P.S.

(continued)

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 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, Kentucky, 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, specifically in mining, site development, water and wastewater projects.

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 the operations of the Abandoned Mine Lands Office. This program is responsible for reclaiming lands damaged due to coal mining that occurred prior to 1977. The Office investigates, plans, designs, bids and oversees construction projects reclaiming these abandoned mines. The budget for the Office is approximately \$66 Million with a staff of nearly 60 employees.

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.

Representative Projects

Project Manager on over 80 West Virginia Department of Environmental Protection Abandoned Mine Lands reclamation projects

Glen Rogers waterline replacement Project: Project Manager responsible for design and construction oversight of waterline replacement project.

Lavalette PSD Route 52 Waterline Extension Project: Project Manager responsible for design and construction oversight of \$5 Million waterline extension project.

Mingo County Redevelopment Wood and Belo Industrial Parks: Project Manager responsible for design and construction oversight of \$4.5 million site development project that involved over 2 million cubic yards of earthwork and infrastructure development of over 120 acres.

Williamson DHHR Facility: Project Manager responsible for design and construction oversight of \$2.5 million office facility. Project included the geotechnical analysis, foundation design, site grading, water, sewer and storm water design for the facility.

Mason County 911 Facility: Project Manager responsible for design and construction oversight of \$1.5 million office facility. Project included the geotechnical analysis, foundation design, site grading, water, sewer and storm water design for the facility.

Flatwoods Canoe Run PSD - Exchange Road Waterline Extension Project Phase I: Project Manager responsible for the design of a \$3 million waterline extension project.



Eric Coberly, P.E.

(continued)

Norton Harding Jimtown PSD - Scott Road/Findley Orad Waterline Extension Project: Project Manager responsible for design of \$1.2 million waterline extension project.

Putnam Development Authority - Business Park Utility Extension Phase II: Project Manager responsible for design of \$1 million multiple utility extension.

Wayne County 2010 Plan - Project Manager responsible for the development and implementation of a county wide plan for waterline extensions.

Additionally, Mr. Coberly was the initial Project Manager through funding on several projects including Lavalette Route 37, Crum PSD Route 152, Dingess Phase I, Twin Branch Racetrack and Holden Water 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 25 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 30 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.



Rick Roberts, P.E.

(continued)

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

Logan County PSD	Upper Little Harts Creek Water Extension	\$2,710,000	Complete
Logan County PSD	Marsh Fork Water Extension	\$2,910,000	Construction
Logan County PSD	Hidden Valley Water Upgrade	\$590,000	Complete
Logan County PSD	Regional Wastewater Project	\$154,000,000	Planning
Town of Delbarton	Wastewater Upgrade and Extensions	\$10,693,420	Construction
Town of Gilbert	Slabtown Water Extension	\$2,889,478	Complete
Town of Gilbert	Horsepen/Gilbert Creek Water Extension	\$4,843,000	Construction
Town of Gilbert	Browning Fork Water Extension	\$1,486,000	Construction
Lubeck PSD	Lake Washington Wastewater Extension	\$3,400,000	Construction
Town of Matewan	Red Jacket Wastewater Upgrade	\$5,324,000	Design
Mingo County Redevelopment Authority			
	King Coal Hwy Water and Sewer Extensions	\$6,278,000	Complete
Mingo County Redevelopment Authority			
	Mingo Co. H.S. Water and Sewer Extensions	\$1,950,000	Complete
Queen Shoals PSD	Water System Upgrade and Extension	\$1,900,000	Complete
City of Williamson	Wastewater Improvement Project	\$1,055,000	Complete



Timothy B. Cart, P.E., P.S.
Project Engineer



Education

B.S. Civil Engineering, West Virginia University, 1981

Registrations

Registered Professional Engineer in West Virginia and Ohio

Registered Professional Surveyor in West Virginia

Professional Memberships

American Society of Civil Engineers

Professional Experience

Mr. Cart has over 25 years of experience in providing consulting engineering services. Clients served have included Industrial, Public and Private Institutions and State and Federal Agencies.

Mr. Cart has served as Project Engineer on numerous geotechnical investigations over the years. These projects have included highways, bridges, industrial sites and private development.

Mr. Cart has been involved in numerous projects where demolition of an existing structure was deemed the best way to alleviate dangers to the public. These projects have ranged from providing structural inspections of existing structures for government agencies, for single family dwellings in rural areas and multi-story hotels in urban areas.

Mr. Cart has also served as the Sewer Project Engineer for numerous projects revolving new structures where the existing property was occupied by an existing building. Demolition of the existing structure was necessary to prepare the site for the new facility.

He has designed numerous waterline extensions and sewer collection systems. These extensions have included providing service to many residential as well as industrial customers. The sewer collection systems have included design of systems to collect sewage from residential and industrial sites. Mr. Cart served as project engineer on several major waste water treatment plant upgrades for industrial clients in the Kanawha Valley. He has designed several plants to serve industrial as well.

Mr. Cart has performed over 100 Abandoned Mine Land Reclamations projects throughout Appalachia. These projects have been mainly in Ohio, West Virginia and Eastern Kentucky. These projects have involved draining flooded mine workings, support of ground experiencing or subject to Mine subsidence and the stabilization of landslides.

Mr. Cart has designed numerous retention and retaining ponds for sites. These designs have involved the determination of storm runoff and design of structures to safely retain and pass the required storm peak flows.



Timothy B. Cart, P.E., P.S.

[continued]

His experience includes permitting activities for projects which have included:

- Railroad Occupancy Permits for Utilities
- NPDES Permits for Industrial and Public Wastewater Facilities
- Highway Permits for Utility Occupancy and Access Road Tie Ins
- Health Department Permits for Water and Sewer Projects
- US Corps of Engineers Permits - Nationwide and Individual
- West Virginia Public Lands Permits

Representative Projects

WVDOH - Nicholas County - Maintenance Headquarters Facility: Mr. Cart performed a structural analysis on wall panels, garage door headers and pre-fabricated truss system for a wood framed building. Panels and trusses were originally designed by 84 Components Company. St. Albans West Virginia and E.L. Robinson Engineering Staff determined loads based on BOCA and ASCE-7 and performed check calculations of all wall panels, trusses and other building components. Where stresses were found to be too high, additional members or alternative members were added. After correction a summary report of the analysis was provided to the WVDOH for review.

Pump Station Buildings - South Putnam PSD: Mr. Cart designed several pump station buildings to house the potable water pumps for the South Putnam PSD – Water System. These designs included overhead rail systems To assist maintenance personnel in the removal of pumps from the facilities.

Preston County - Buckwheat Express - Bus Storage Facility: Mr. Cart designed the concrete foundation system for the 132' x 80' metal building to be erected in a high snow load and high wind load environment. Building loading was based on the International Building Code and applicable portions of the ASCE-7 for wind loading.

Blackwater Falls State Park: He has designed 75 x 60 timber framed building to provide shelter and screening of a WWTP in a state park. The design included a foundation system capable of resisting both vertical, lateral and uplift loading. The design incorporates rough timber to blend the building into the natural surroundings.

Mr. Cart has performed numerous structural inspections of homes and buildings throughout the Kanawha Valley and State of West Virginia. He has also prepared reports which detail the structural deficiencies and recommendations on necessary repairs.



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.



Ray Tilley, P.E.

(continued)

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.

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



Ray Tilley, P.E.

(continued)

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.

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.

Lincoln PSD: Oversaw design of the Garrett's Bend/Molly Branch water system extension, design of an upgrade to the water treatment plant and booster stations and design of the Pine Grove/Priestley Ridge water project.

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.



Bob Hazelwood, P.E. Project Engineer



Education

M.S. Sanitary Engineering, VPI and State University (Virginia Tech), 1976

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

Registrations

Registered Professional Engineer in West Virginia

Registered Professional Surveyor in West Virginia

Professional Experience

Mr. Hazelwood has more than 37 years of experience as a civil engineer with specific experience in a multitude of engineering fields. His extensive background includes water source distribution and treatment facilities, wastewater collection systems, storm water management, industrial and business parks, access roads, bridges, airports, various land development and structure renovations.

Mr. Hazelwood served as senior design engineer for 30 years vice president for 14 years for the Pentree/Thrasher Company. In the latter position, he was responsible for project design and management, quality control and construction administration.

Representative Projects

Town of Union - Water System Upgrade Project (\$2 million) - Consisted of water distribution system extensions along Route 3 to Gap Mills in Monroe County, Raw spring water development, water treatment plant, and two water storage tanks.

Gap Mills PSD - Water System Upgrade and Extensions Project (\$1.7 million) - Consisted of water distribution system extensions along Moncove Lake Road, water distribution system upgrades, upgrade of raw spring water facilities, water plant building and one water storage tank.

Red Sulphur PSD - Water System Upgrade and Extensions Project Phase 1 (\$2.8 million) - Consisted of upgrading water treatment plant settling basin, raw water intake and pumping station, one water storage tank, and water distribution system extensions in the Pine Grove and Dry Pond areas.

Red Sulphur PSD - Water System Upgrade and Extensions Project Phase 2 (\$5 million) - Consisted of water distribution system extensions in the Bozoo, Cashmere, Rock Camp and Back Valley Road areas and one water storage tank.

Red Sulphur PSD - Ballard Water Project (\$0.6 million) - Consisted of water distribution system facilities to take in the Ballard Water Works system and water distribution system extensions in the Ballard area.

Red Sulphur PSD - Lindside Valley Water Project (\$2.5 million) - Consisted of water distribution system extensions to the Lindside area, 700 gpm water treatment plant, 100 gpm water treatment plant, and three water storage tanks.

Town of Union - Wastewater System Upgrade and Extensions Project (\$2 million) - Consisted of upgrades to pumping stations and generators, wastewater collection system extensions, wastewater collection and pumping system and upgrading existing 90,000 gpd wastewater treatment plant.



Bob Hazelwood, P.E.

(continued)

Town of Union - Main Street Sidewalk Streetscape Project (\$260,000) - Consisting of brick accented sidewalks, streetscaping, lighting and plantings on Main Street.

Town of Union - North Street Sidewalk Streetscape Project Phase I (\$150,000) - Consisted of brick accented sidewalks, streetscaping, lighting and plantings on North Street.

Town of Union - North Street Sidewalk Streetscape Project Phase II (\$150,000) - Consisted of brick accented sidewalks, streetscaping, lighting and plantings on North Street.

Town of Union - North Street Sidewalk Streetscape Project Phase III (\$100,000) - Consisted of brick accented sidewalks, streetscaping, lighting and plantings on North Street.

Town of Union - Fitness Trail Park Project (\$100,000) - Consisted of paved waling and biking trails, fitness stations and a parking lot near Union Health Center.

Town of Union - Log Home Relocation and Restoration Project (\$100,000) - Consisting of relocating an existing log home to the Town of Union and restoring the log home.



J. Tom Rayburn, P.S.
Chief Surveyor



Education

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

Registrations

Registered Professional Surveyor in West Virginia

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.

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 Board Project, 3D Laser Scan and mapping of the CAMC Parking Garage partial collapse, and 3D Laser Scanning of I64/I77 Retaining Wall for Monitoring.



J. Tom Rayburn, P.S.

(continued)

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:



J. Tom Rayburn, P.S.

[continued]

- 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.
- **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.



Heather Woods-Shaffer

Construction Inspection Administrator



Education

Meigs High School, Meigs County, Ohio, 1989

Certifications

Bridgmont, Transportation Engineering Technician Level III

Portland Cement Concrete Technician

Portland Cement Concrete Inspector

Aggregate Sampling Inspector

Compaction Inspector

Radiation Safety Officer (RSO)

OSHA 30-hour Occupational Safety & Health Training Course in Construction

E.L. Robinson Safety Officer

Professional Experience

Mrs. Woods-Shaffer has 20 years experience in all phases of construction projects. She has worked as inspector on WV Highway and Bridge projects throughout the state and has extensive knowledge in all aspects of field testing for soils, concrete and aggregates.

Mrs. Woods-Shaffer now works as E.L. Robinson Engineering's Construction Inspection Administrator. Her duties include, but are not limited to, providing for and overseeing the Construction Inspection portion of E.L. Robinson Engineering. She is charged with preparing for and securing construction inspection and the testing of jobs throughout the State of West Virginia, assigning personnel, and preparing invoices for reimbursement from inspection jobs.

Representative Projects

Corridor D Projects, Parkersburg, WV - Lead Field Inspector: 2 projects associated with the construction of a 4 lane highway as part of Appalachian Corridor D

Big Tyler Widening Project, Cross Lanes, WV - Lead Field Inspector: This project consisted of building a third lane through 1.5 miles of Cross Lanes with 109 driveways, pipe and inlets that ran the length of the project, along with curb and gutter, sidewalks and all utilities.

Hamlin Public Service District, Hamlin, WV - Lead Field Inspector: This project consisted of PSD sewer line upgrade for the new Lincoln County High School. Project consisted of a new pump station and wet well, 2 river crossings and 4900 LF of new sewer line.

Route 35 Design Build, Putnam County, WV Assistant Quality Control Manager: Manager of Field Quality Control Testing and Field Inspection for all phases of construction.

Quality Control Manager: Manager of Field Quality Control Testing and Invoices: Mason County Us 35 Project U-327-G-35-8.72; Mon Fayette Project X331-109-0.00; Corridor H Project APD - 0484 (308); and Corridor H Project APD - 0484 (305).

Michael Hodges
Inspector / Technician



Education

B.A. Finance, Marshall University, 1995

Completed right-of-way Acquisition seminar while employed by E.L. Robinson Engineering Co.

Certifications

Certified WVDOH Compaction Technician

Certified WVDOH Aggregate Inspector

ACI Concrete Technician

Certified Water Sample Collector

Professional Experience

Mr. Hodges has been with E.L. Robinson Engineering Co. since graduating from Marshall University. While still in school, he worked on E.L. Robinson Engineering Co.'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. He has experience running GPS units for aerial mapping and topographic surveys.

Representative Projects

Mr. Hodges has performed construction inspections on the following projects:

Putnam County Sewer line at I-64 Interchange, Pigeon Creek Waterline for DEP in Mingo County, 18 Mile Creek Waterline for Putnam County Commission West Virginia American Water Company and Coolridge PSD Waterline.

In 1998, he inspected a \$1 million waterline project in Kanawha County. In addition, he has extensive experience in pipe laying, and working with heavy machinery.

Mr. Hodges has inspected bridge construction including core drilling, pile driving, rebar placement and concrete pours. He has inspected cut and fill operations including compactions tests and has checked grade work and asphalt placement. Mr. Hodges has also inspected utility and lighting placement, erosion and sediment control projects as required by WVDEP. He has been involved in the inspection of at least seven bridges on the Corridor D project.

Mr. Hodges has been the inspector on the Charles Pointe project in Bridgeport, West Virginia. He has performed the inspection of infrastructure for a business park including utilities, storm, road, lighting, sidewalk, curbs, gutter, asphalt and landscaping.

Experience Wastewater

Holly River State Park Wastewater Treatment

Project Location: Webster County, West Virginia

Completion Date: 1999

Client: WVDNR

Project Description: This project involved the replacement of the existing treatment plant with a 2,000 gallon per day package plant, with new controls and electrical equipment. The new plant serves part of the campground.

Tygart Lake State Park Wastewater Treatment Plant

Project Location: Taylor County, West Virginia

Completion Date: 1998

Client: WVDNR

Project Description: This project involved the replacement of the existing treatment plant with a 8,000 gallon per day package plant, with new controls and electrical equipment. The new plant serves the lodge. A concrete retaining wall was also constructed due to poor soil conditions at the plant site.

Blackwater Falls State Park Sewage Treatment Plant Replacement

Project Location: Tucker County, West Virginia

Completion Date: 2008

Client: WVDNR

Project Description: The project consisted of a new concrete sewage treatment plant which eliminated the potential for rust and provides a sand filter prior to discharge into the Blackwater Canyon. Additionally, due to ELR's design, the existing plant was able to remain in service during construction.

Belo Industrial Park

Project Location: Mingo County, West Virginia

Completion Date: 2005

Client: Mingo County Redevelopment Authority

Project Description: This project involved site design including storm water drainage and a wastewater package plant. ELR prepared the plans and specifications, completed surveying and mapping, prepared all necessary permitting applications, evaluated bids and performed construction inspection.

Experience Wastewater

Lake Washington Sanitary Sewer System Extension

Project Location: Wood County, West Virginia

Completion Date: Summer 2013

Client: Lubeck PSD

Project Description: This project involved 16,000 feet of gravity sewer, 2 sewage lift stations and 4,000 feet of force main. Further, service was provided to approximately 100 homes and allowed for wastewater collection from an existing system that had been treated by a community lagoon.

Putnam PSD 2009 Sanitary Sewer Project

Project Location: Putnam County, West Virginia

Completion Date: 2015

Client: Putnam PSD

Project Description: This project was comprised of approximately 145,700 L.F. of gravity sewer lines; 14,611 L.F. of force main sewer lines; 6 lift stations, upgrade to two (2) existing lift stations, installation of manholes, cleanouts, etc.

Logan County PSD Regional Wastewater Extension Project

Project Location: Logan County, West Virginia

Completion Date: Current

Client: Logan County PSD

Project Description: The project consists of approximately 421,750 LF (80 miles) of 14" and smaller diameter gravity sewer mains, 10,450 feet of 12" and smaller diameter force main, 3 major pumping stations, 91 grinder pumping stations, 2,641 manholes, cleanouts, customer services and other related appurtenances.

Mozart Sanitary Sewer Project

Project Location: Marshall County, West Virginia

Completion Date: Current

Client: Marshall County Sewerage District

Project Description: This project involves 30,000 feet of gravity sewer, 9 sewage lift stations and 8,500 feet of force main.

Experience Wastewater

Town of Delbarton Sewer Replacement Upgrade

Project Location: Mingo County, West Virginia

Completion Date: Spring 2013

Client: Town of Delbarton

Project Description: The project included: Collection service to 397 residential and commercial customers in and around the town; 49,100 LF of sewer main line, 3 lift stations, upgrade to existing wastewater treatment facility, manholes, cleanouts, etc.

Logan County PSD Phase III-A Wastewater Extension Project

Project Location: Logan County, West Virginia

Completion Date: December 2013

Client: Logan County PSD

Project Description: The project consists of the construction of approximately 35,900 feet of 12" and smaller diameter gravity pipe, 550 feet of 10" and smaller diameter force main, 304 manholes, one major pumping station, 9 grinder pumping stations, cleanouts, service laterals and other related appurtenances.

Mingo County Wood Products Industrial Park

Project Location: Mingo County, West Virginia

Completion Date: April 2010

Client: Mingo County Redevelopment Authority

Project Description: This project consisted of 22,000 feet of 12" water main, water booster stations(s), water storage tank(s); 22,500 feet of gravity sewer, sewage lift stations(s), and 4,000 feet of force main.

Twin Branch Racetrack Sewer

Project Location: Mingo County, West Virginia

Completion Date: 2009

Client: Mingo County Commission

Project Description: This project consisted of construction of water and sewer facilities for a proposed racetrack. The sewer was designed as a zero discharge system using an absorption field.

Business References

Ms. Vivian Livingood

Town of Gilbert
P.O. Box 188
Gilbert, WV 25621
(304) 664-9625

Ms. Mavis Brewster

McDowell County Public Service District
HC 31 Box 436 J
Welch, WV 24801
(304) 297-2622

Mr. Mike McNulty

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

Mr. William Baisden

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

Ms. Dwana Murphy

Town of Clay
P.O. Box 55
Clay, WV 25043
(304) 587-4233

Mr. J.B. Heflin

Mingo County Public Service District
1 Riverside Drive
Naugatuck, WV 25685
(304) 235-2244

Mr. Rodney Pritt

Flatwoods Canoe Run Public Service District
406 Main Street
Sutton, WV 26601
(304) 765-2300





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: 214528

Doc Description: Watoga-A/E services Riverside Campground Wastewater Plant

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-05-09	2016-06-16 13:30:00	CEOI 0310 DNR1600000021	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 ST W
 CHARLESTON, WV 25313
 304 776-7473

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN #

550 594 633

DATE

6-16-16

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

ADDITIONAL INFORMATION:

Expression of Interest

The West Virginia Purchasing Division is soliciting Expression of Interest for The Division of Natural Resources WVDNR, from qualified firms to provide architectural/engineering services to provide necessary engineering and other related professional services to design and provide construction contract administration services to replace a wastewater treatment plant at Watoga State Park as defined within the attached documentation.

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US	DIVISION OF NATURAL RESOURCES WEST VIRGINIA STATE PARKS 324 4TH AVE SOUTH CHARLESTON WV 25303-1228 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Wastewater engineering		

Comm Code	Manufacturer	Specification	Model #
81101527			

Extended Description :

A/E services for the replacement of the Riverside Campground at Watoga State Park.

DNR160000021	Document Phase Draft	Document Description Watoga-A/E services Riverside Campground Wastewater Plant	Page 3
--------------	--------------------------------	---	---------------

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)

- 1. PLAN AND DRAWING DISTRIBUTION:** All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.
- 2. PROJECT ADDENDA REQUIREMENTS:** The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.
- 3. PRE-BID MEETING RESPONSIBILITIES:** The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.
- 4. AIA DOCUMENTS:** Contracts for architectural and engineering services will be governed by the AIA document B101-2007, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein when procured under Chapter 5G of the West Virginia Code.
- 5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS:** In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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)

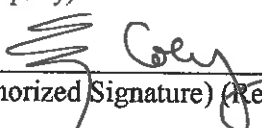
5088 WASHINGTON ST. CHARLESTON, WV 25313
 (Address)

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)

6/7/16
 (Date)

304 776 - 7473 304 776 6426
 (Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CEB1 0310 DNR1000000021

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

6-16-16
Date

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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 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: 6-7-16

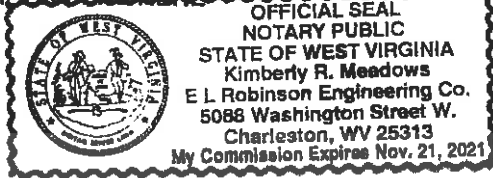
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 7 day of June, 2016

My Commission expires November 21, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]
Purchasing Affidavit (Revised 08/01/2015)