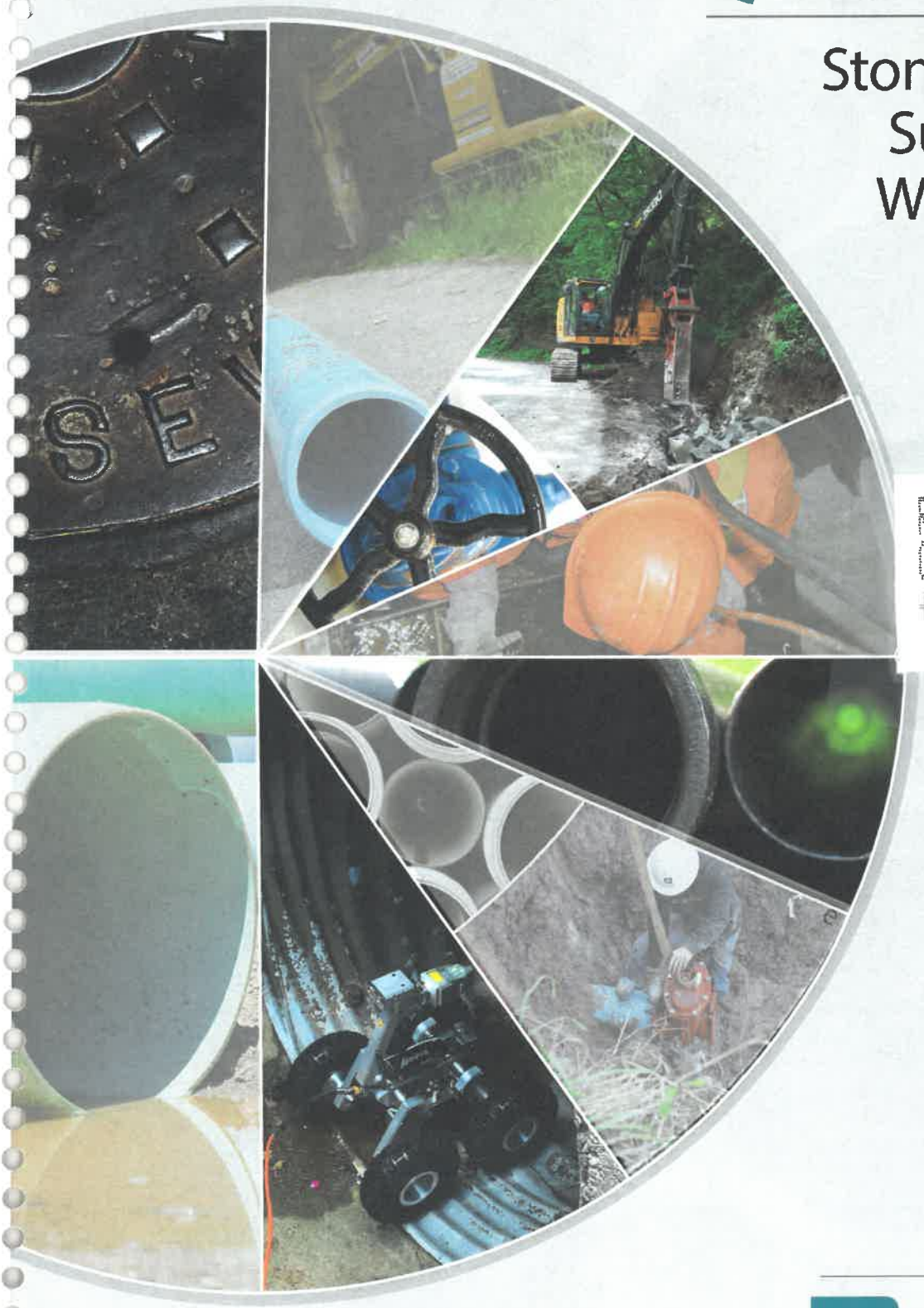
STATEMENT OF QUALIFICATIONS



Stonewall Resort Supplemental WWTP System

West Virginia Division of Natural Resources

CEOI 0310 DNR2100000002

PROJECT CONTACT:
Eric Coberly, P.E.
5088 Washington Street West
Charleston, WV 25313
304.776.7473

E.L. ROBINSON ENGINEERING

www.elrobinsonengineering.com

E.L. ROBINSON
ENGINEERING

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July 13, 2021

Mr. Joseph E. Hager III, Buyer
State of West Virginia
Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305

Re: Stonewall Resort Supplemental Wastewater Treatment Plant System
Expression of Interest
CEOI 0310 DNR2100000002

Dear Mr. Hager;

E.L. Robinson Engineering Co. (ELR) is please to submit this Expression of Interest for providing engineering, planning and design services for the above 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 43 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 treatment plant project.

Sincerely,

E.L. Robinson Engineering
Eric J. Coberly, P.E.
Project Manager

COMPANY PROFILE

WHO WE ARE.

E.L. Robinson provides a full range of quality engineering services, from planning and analysis to design and implementation. Over the past four decades, E.L. Robinson has grown to be a highly respected firm, offering a diverse scope of services.

Founded in 1978 and named after our president, Edward L. Robinson, PE, PS, we come from humble beginnings. The company began as a small surveying firm with only four employees and has grown to a highly-diversified engineering and surveying firm with more than 200 employees.

WHAT WE ARE.

200+ employees

100% employee owned

54 licensed PEs

WHERE WE ARE.

Located in twelve offices throughout West Virginia, Kentucky, Ohio, Virginia, North Carolina and South Carolina, ELR is within reach.

TOP 500 DESIGN FIRMS 2012
EL Robinson Engineering Co.

TOP 500 DESIGN FIRMS 2019
EL Robinson Engineering Co.

TOP 500 DESIGN FIRMS 2020
EL Robinson Engineering Co.

TOP 500 DESIGN FIRMS 2021
EL Robinson Engineering Co.

SITE UNDERSTANDING

Our team members have decades of combined experience working with West Virginian entities.

Our firm's office in Charleston will provide the identified scope of services. This team of professional engineers, project designers, and construction inspectors has been specifically assembled because of their experience relating to your project and others like it.

ABOUT THE PARK.

Stonewall Resort State Park is one of West Virginia's newest state parks being completed in 1990 as a project of the U.S. Army Corps of Engineers. The lake and state park are named after Confederate General Stonewall Jackson, who was born in Clarksburg and raised in nearby Jackson's Mill. Since 2002, Stonewall Resort has been operated by a private developer in partnership with the state.

The park features 1,900 acres of grounds featuring hiking trails, biking trails and golf courses. Stonewall Resort State Park is also utilized as a unique venue for celebrations such as weddings and reunions.

NEEDS.

This project consists of the design and installation of a new supplemental treatment system and all related appurtenances; the connection of the new system to the existing wastewater treatment system; all permitting; any other work necessary to effectively remove copper and zinc from the waste stream; reduce their concentrations to levels below the limits as set forth in the existing NPDES permit, and help bring plant into compliance. We understand the existing infrastructure is under construction for improvments, but still will be incapable of removing copper and zinc efficiently and reliabily. This additional project is necessary to ensure the efficency of the completed system to serve the entire park and resort.

WHAT WE'LL DO.

The following is an outline of ELR's approach to this project:

Evaluation of existing wastewater system
Preliminary engineering
Assessment and assistance in the obtaining of project funding
Design and construction related services
Preparation/revisions of bidding and contract documents
Participation in the evaluation of bids received
Monitoring and inspection of construction activities to ensure compliance with plans and specifications
Assist in the system start-up
Assist in maintaining construction records
Development of As-Built drawings

PHASE 1 – INITIAL INVESTIGATION

Task 1 – Review existing plants and system and identify upgrades needed to develop a recommended project scope

Task 2 – Project Planning Meetings
We will schedule a meeting(s) with the WVDNR to discuss the needs and possible solutions. We will also schedule a meeting(s) with the various regulatory agencies to present the preliminary ideas and receive their input.

PHASE 2 – PRELIMINARY AND FINAL DESIGN

The following tasks will be accomplished as part of the preliminary and final design of the project.

Task 1 – Selection of Alternative
ELR will recommend specific alternatives/revisions for this project. The decision will be based on cost, feasibility of construction, operation and maintenance issues, and input from the WVDNR and regulatory agencies.

Task 2 – Preliminary Design
ELR will perform preliminary design of the proposed alternatives/ revisions, including hydraulic analysis. We will then review the design with the WVDNR.

Task 3 – Investigate Environmental Impacts
ELR will contact review agencies in the pursuit of waiver and/or environmental clearance

Task 4 – Final Design
ELR will incorporate any comments offered by the WVDNR as well as the regulatory agencies into the final design. We will then proceed with detailing the preliminary design which will include:

- System Profiles
- Design of System Components
- Selection of Equipment
- Preparation of Details
- Preparation of Specifications
- Preparation of Contract Documents
- Preparation of a Final Cost Estimate
- Preparation of Design Report

We will then review the final design with the WVDNR and make any necessary changes.

PHASE 3 – BIDDING PHASE

ELR will assist the WVDNR in preparing and placing the advertisement for construction of any project deemed necessary. We will conduct a pre-bid meeting, address all contractor questions, issue addendum, if any, conduct the bid opening, certify the bids, and make a recommendation to the WVDNR.

PHASE 4 – CONSTRUCTION ADMINISTRATION AND INSPECTION

ELR will provide construction administration and inspections services for the duration of any project. ELR will provide the following services during construction (if applicable):

- Conduct a Pre-Construction Meeting
- Process Monthly Pay Requests
- Review Shop Drawings
- Attend Monthly Meetings
- Conduct a Semi-Final and Final Inspection
- Preparation of As-Built Drawings
- Preparation of O&M Manuals

HOW WE'LL DO IT.

COMMUNICATION PROCEDURES

Eric Coberly, P.E. will be the Project Manager for this Supplemental Wastewater Treatment Plant System. He will be WVDNR's point of contact from preliminary design through the construction phase. He will rely on Jack Ramsey, P.E., Jeff Petry, P.E., and Brandon Conley, 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. One such example is the Forks of Coal Claudia L. Workman Wildlife Education Center Phase I. The project involved preparing the site for the future Center and the existing District 5 Offices. The project features upgraded access from U.S. Route 119 as well as a new access road. Sewer was provided via a new sewer system along with a treatment plant, and water service was extended from a nearby Public Service District. Another such project was the Beech Fork State Park Lodge Development which included providing 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 to stay in budget and on schedule until the construction documents phase was put on hold due to funding related issues for its construction. Further, ELR successfully completed the Watoga Wastewater Plant Replacement Project, Blackwater Falls State Park Sewage Treatment Plant Replacement and the Chief Logan State Park Recreational Facility on time and within budget. E.L. Robinson Engineering has a long history working with not only the WVDNR but also for towns, PSDs and counties across the State of West Virginia. Our projects have ranged from 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 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. 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.

THE TEAM

Eric Coberly, P.E.

Project Manager

Jack Ramsey, P.E.

Project Engineer

Jeff Petry, P.E.

Project Engineer

Brandon Conley, P.E.

Project Engineer

Todd Garnes

Project Designer

Scott Bria

Project Designer

Shawn Fore

Project Designer

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 37 years of experience as an infrastructure and mining engineer. He has extensive experience in project planning, funding coordination and design. Mr. Coberly has served as Project Manager in various engineering disciplines including site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation, building construction, active surface mining, insurance investigations, 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. Mr. Coberly has spent his career working to better the State of West Virginia in both the private and public sectors.

Representative Projects
Wastewater:

- Frank-Bartow Sanitary Sewer Extension
- Poca Belt Press
- Bergoo Wastewater Collection and Treatment System Project
- WVDNR Watoga and Chief Logan State Parks Sewer Plant Upgrades
- Putnam PSD Deer Valley Sewer Extension

Water:

- Heaters-Weyerhaeuser Waterline Upgrade
- Scott Findley Road Waterline Extension Project
- Exchange Road Phase I Waterline Extension
- Exchange Road Phase II Waterline Extension
- Kenova Downtown School Waterline Improvements
- Prichard Waterline Upgrade
- Route 18 South-Snowbird Road Waterline Extension Project
- Town of Clay Water Storage Tank Replacement
- Blue Knob Waterline Extension Project
- Harts Run Water Project
- Cow Creek Waterline Extension Project
- Blandville West Union Waterline Extension Project
- WVDNR Waterline Improvements- North Bend, Watoga, Babcock & Chief Logan State Parks

Economic Development:

- City of Bluefield Commercialization Center
- Greenfield Cabinetry Building Expansion
- Putnam Business Park Utility Extension Phase II
- Raleigh County Memorial Airport Industrial Park Site Preparation Project

JACK RAMSEY, P.E.

Project Engineer

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

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

Recognitions
America's Registry of
Outstanding Professionals
2002 / 2003

Cambridge Who's Who
2007 / 2008

Cambridge Who's Who - VIP
2009 / 2010

Professional Experience
Mr. Ramsey has 27 years of experience in water and wastewater engineering. Mr. Ramsey is responsible for the daily management of infrastructure projects. He works on the planning, coordination, design, and construction of utility projects to meet the expectations and needs of the client. Mr. Ramsey has experience in environmental engineering, civil engineering, wastewater collection, storm water conveyance, and water distribution systems, as well as wastewater and water treatment plants and storm water pollution control. Duties have included line layout, hydraulic analysis, pump and booster station designs, water storage tank design, pressure reducing station design, and plant layout and design. Mr. Ramsey has vast experience in dealing with funding and regulatory agencies. He has been instrumental in helping clients obtain loans and grants for their projects.

Representative Projects
Wastewater:

- Buffalo Creek PSD – Lorado WWTP Improvements
- City of Catlettsburg WWTP Upgrade
- City of Hinton CSO Abatement Project
- Kanawha Falls PSD Wastewater Treatment Plant and Collection System Improvements
- Matoaka Wastewater Treatment Plant and Collection System Improvements Project
- Snowshoe Regional Wastewater Project
- Village of Cadiz North Trunk Collection System Improvements – High Priority
- Village of Cadiz South and Center Trunk Collection System Improvements Project
- Village of Cadiz Water System Improvements Project – Phase I
- Village of Rio Grande Wastewater Treatment Plant and Collection System Improvements
- Village of Woodsfield Long Term Control Plan – Phase 3
- Bergoo Wastewater Collection and Treatment System Project
- Mercer County PSD Wastewater System Phase I

Water:

- Buffalo Creek PSD Man Water Treatment Improvements
- Eastern Wyoming PSD Water Treatment Plant Upgrade
- Green Valley Glenwood PSD Water Treatment Plant Upgrade
- Green Valley Glenwood PSD – Raw Water Line
- Green Valley Glenwood PSD Harmon School Road Extension
- Green Valley Glenwood PSD – Radio Read Meters
- Kanawha Falls PSD Gauley River Water Line Replacement Project
- Village of Jewett Water System Replacement
- Village of Jewett Water Treatment Plant Improvements
- Village of Cadiz Water System Improvements – Phase II
- Village of Cadiz North Trunk Collection System Improvements – Phase II

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 more than 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. Mr. Petry oversees wastewater collection system studies including system mapping compilation, smoke testing, flow monitoring and CCTV inspections which is critical in developing successful system rehabilitation projects. He is proficient in a multitude of areas such as project planning, design, modeling, bidding and construction monitoring.

Representative Projects

- Town of Beverly Wastewater System Upgrades
- City of Salem Comprehensive Sanitary Sewer Evaluation Survey
- City of Salem Stormwater Elimination Project
- Iaeger Regional Sewer Project Phase I
- Ashland/Crumpler Sanitary Sewer Project
- Town of Bradshaw Comprehensive Sanitary Sewer System Evaluation Survey
- Town of Bradshaw Sanitary Sewer Upgrade Project
- Elkhorn Sewer Study
- Town of Burnsville Wastewater Collection System Rehab Project
- Town of Wayne Waste Water Treatment Plant Project
- Branchland-Midkiff PSD - Two Mile Creek Water Extension Project
- Upper Gilbert Creek Water Extension Project
- River Bend Road Water Extension Project
- Mozart Sewer Extension Project
- City of Williamson Sewer System Upgrade Project

BRANDON CONLEY

Project Engineer

Education
M.S.E. Engineering Management, Marshall University, 2016

B.S. Civil Engineering, West Virginia Institute of Technology, 2009

Registrations
Registered Professional Engineer in West Virginia, Kentucky and Ohio

Professional Experience
Mr. Conley has more than 10 years of experience in project conception, planning, design, computer modeling, preparation of plans and specifications, permitting, coordinating with other utilities, land acquisition, easements, bidding, preparing invoices, construction management, site inspections and updating client's board members for a variety of projects ranging from small extensions to complete system upgrades. His training includes preliminary engineering reports, line layout, hydraulic design, lift and booster station design, water storage tank design, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.

Representative Projects

- Eastern Wyoming PSD Barkers Ridge/Basin Phase I & II Waterline Extension Project
- Eastern Wyoming PSD Beartown-Herndon Heights AML Waterline Extension Project
- Eastern Wyoming PSD Bud/Alpoca Water System Upgrade Project
- Eastern Wyoming PSD Covel Waterline Extension Project
- Eastern Wyoming PSD Otsego Waterline Extension Project
- Lincoln PSD Lower Mud River Waterline Extension Project
- Logan County PSD Big Harts Phase I through IV Waterline Extension Project
- Logan County PSD Big Ugly Creek Road Phase I through III Waterline Extension Project
- Logan County PSD Frances Creek Waterline Extension Project
- Logan County PSD Hidden Valley/Airport Road Water System Upgrade Project
- Mingo County Redevelopment Authority Mingo County Air Transportation Park Water and Sewer Extension Project
- Town of Chapmanville Water System Upgrade Project Phase I & II
- Town of Williamson Water System Upgrade Project
- West Virginia Division of Natural Resources Claudia L. Workman Wildlife Education Center Phase I
- Town of Pax Willis Branch Sewer Extension Project
- Town of Gilbert River Bend Road Waterline Extension Project

TODD GARNES

Project Designer

Education
A.A.S. Architectural Drafting Technology
West Virginia State College, 1999

A.A.S. Computer Aided Drafting and Design
West Virginia State College, 1999

Professional Experience

Mr. Garnes has more than 20 years of experience as a civil draftsman and designer. He is proficient in numerous drafting and mapping software. His proficiency spans multiple drafting platforms such as Civil 3D, Auto CADD and Microsoft InRoads. Further, Mr. Garnes has experience in GIS, construction inspection, waterline planning and design, sanitary sewer planning and design, site development, cathodic protection planning, county-wide planning,, and document preparation.

Representative Projects

- Village of Rio Grande Wastewater System Improvements and Wastewater Treatment Plant
- Camp Caesar Infrastructure Improvements Project
- Doddridge County PSD 2015 County Wide Water Study
- Pocahontas County PSD: Cheat Mountain Water Acquisition; Dominion Waterline Extension
- Village of Cadiz Water System Improvements Project
- Bluefield Commercialization Station
- WVDNR North Bend State Park Waterline Extension
- Rahall Transportation Institute Land Use Master Plans – Boone, Clay, Fayette, Lincoln, Logan, McDowell, Mercer, Wayne, Wyoming, Raleigh, Upshur, Webster, and Marshall Counties
- Webster County PSD Bergoo Wastewater System and Wastewater Treatment Plant Improvement
- Town of Gilbert: Slabtown, Tamcliff and Paynter Bottom Waterline Extension Project; Horsepen, Gilbert Creek and Browning Fork Waterline Extension; River Bend Road Waterline Extension; Upper Gilbert Creek Waterline Extension
- Logan County PSD: Upper Little Harts Creek Waterline Extension; Big Harts Creek Waterline Extension; Marsh Fork Waterline Extension; Hidden Valley/Airport Road Waterline Extension; Ridgeview Sewer – Railroad Permits
- Lincoln EDA Lower Mud River Waterline Extension
- Town of Chapmanville Water Upgrade Project
- City of Charleston Lee Street Sidewalk Enhancements
- King Coal Highway Water and Sewer Project
- Putnam County Business Park Utilities Extension Project
- Norton Harding Jimtown PSD Scott Run/Findley Road Waterline Extension Project

SCOTT BRIA

Project Designer

Education
Drafting CADD Certificate
Ben Franklin Career and Technical Center, 1997

Autodesk Civil 3D Essentials Course Certificate

Professional Experience
Mr. Bria has over 22 years of experience in the Civil and Environmental engineering field. His representative experience includes Civil Site Development, Abandoned Mine Lands, Ash Disposal Landfills, Solid Waste Landfill Expansion and Closure, Water/ Wastewater, Site Characterization/Remediation, Landscape Masterplans, Rails to Trails.

Representative Projects

- Cadiz Water System Improvements Project Phase II
- Harrisville WWTP Improvements Project
- Hinton Phase I Sewer Project
- I-64 Cable Median Barrier
- Jefferson Road Design Build
- Jewett WTP Improvements Project
- Woodsfield Asset Management Plan
- Town of Belle Wastewater Treatment Plant Upgrade
- Village of Rutland, Oh Wastewater System Improvements
- Village of Holloway, Oh Water System Improvements
- Village of Jewett, Oh Water Treatment Plant Upgrade
- Glenville State College, Pioneer Center Site Development
- Charleston Coliseum and Convention Center Renovation and Expansion
- Charleston Coliseum and Convention Center Sanitary Sewer Relocation
- Cabela's Site Development
- Putnam County Commission, Valley Park Improvements
- AEP Ravenswoord, WV Sub-Station Expansion
- NRG Keystone Generating Station, Ash Filter Pond Replacement
- First Energy, Fort Martin Power Station CCR Landfill Expansion
- WVDEP LCAP, Fleming Landfill Closure

SHAWN FORE

Project Designer

Education
Drafting CADD Certificate (Microstation),
Ben Franklin Career and Technical Center, 2000

CADD Certificate (Autocad),
Carver Career and Technical Center, 1999

CADD Certificate (Civil 3D)

Professional Experience

Mr. Fore has over 20 years of experience as a CAD Designer in numerous areas of civil engineering. His representative experience includes civil site development, water and wastewater line treatment plants, abandoned mine lands reclamation, highway design, bridge inspection, utility location and mapping, hydrographic surveying, land surveying, environmental, wind energy, water sampling, GPS and RTK.

He is adept in AutoCad Civil 3D (Version 2006 thru 2015). Further proficiency includes Autocad Land Desktop, Microstation, Inroads, Autodesk Vault Explorer, Eagle Point, TGO, Pathfinder Office, Hydro-Pro, Microsoft Access, Excel and Word. He provides training/support and workstation configuration, as well as data management of CAD and GIS related material.

Representative Projects

- Green Valley Glenwood PSD Raw Water System Upgrade
- Village of Cadiz South and Center Collection System Improvements
- City of Catlettsburg Wastewater Treatment Plant Upgrade
- Kanawha Falls PSD Wastewater Treatment Plant Improvements
- Kanawha Falls PSD Wastewater Collection System Improvements
- Kanawha Falls PSD Gauley River Waterline Crossing Replacement
- Village of Woodsfield Long Term Control Plan Phase 3
- City of Salem Stormwater Elimination Project
- Logan County PSD Holden Wastewater System Extension and Upgrade
- Logan County PSD Mud Fork Wastewater System Extension and Upgrade
- Excela Westmoreland Hospital Secondary Disinfection System
- Buffalo Creek PSD Wastewater System Improvements
- Lincoln County PSD Alum Creek Sewer
- McDowell County PSD Elkhorn Creek Clean Stream and Trout Habitat Initiative

STATE PARK EXPERIENCE

WATOGA WASTEWATER TREATMENT PLANT

Project Location: Pocahontas County, West Virginia
Completion Date: 2017
Client: WVDNR
Project Description: This project involved the replacement of the existing treatment plant with a new package plant, with new controls and electrical equipment. The new plant serves the campground area.

HOLLY RIVER WASTEWATER TREATMENT PLANT

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.

BLACKWATER FALLS SEWAGE TREATEMT 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.

FORKS OF COAL STATE NATURAL AREA-
CLAUDIA L. WORKMAN WILDLIFE EDUCATION CENTER

Client: West Virginia Division of Natural Resources

Project Location:
Alum Creek, WV

Key Personnel:
Brandon Conley, P.E.
Tim Cart, P.E
Scott LeRose, P.E.
Todd Schoolcraft, PLA

Project Cost:
$5,000,000

Year Completed:
Current

WVDNR retained E.L. Robinson Engineering to prepare a master plan for this 100 plus acre site donated to the State of West Virginia for the development of the state's first natural area. The site is located at the forks of the Big Coal and Little Coal River, approximately twenty miles from downtown Charleston.

Additionally, the WVDNR retained the team of ELR and ZMM Architects to prepare construction documents for the Forks of Coal Natural Area and the Wildlife Education Center.

This site related elements ELR will design are:

- Access road off US 119 and car and bus parking area for the Claudia L. Workman Wildlife Education Center
- Site development for the Education Center including entry courtyard and outdoor classroom/amphitheater
- Entry sign
- Trailhead parking
- Waterline extension from Lincoln County PSD and an onsite sewage treatment facility for 5,000 gpd with two Orenco AX100 AdvanTex treatment pods, 8,000-gallon septic tank for the Visitor Center, 2,000-gallon septic tank for the District 5 Office, 4,000-gallon recirculation tank and chlorine disinfection system with outfall to the Big Coal River. Construction was finished in July 2019.
- Landscape plans for the center

WILLIS BRANCH SEWER EXTENSION PROJECT

Client: Town of Pax

Project Location:
Pax, WV

Key Personnel:
Brandon Conley, P.E.
Randall Lewis
Todd Garnes

Project Cost:
$2,291,000

Year Completed:
Current

The Willis Branch Sewer Extension Project was constructed to allow the Town of Pax to provide public sewer service to approximately 52 customers in the area locally known as Willis Branch.

These residents had never had public sewer and had requested that the Town of Pax construct the infrastructure required to provide public sewer. In the future, the Town would also like to provide sewer service to the Holly Lane and Pax Tipple Road areas north of the this project. In addition, the Town was having difficulty meeting discharge limits for ammonia at their existing treatment lagoon, and this project addressed that issue.

The extension included furnishing all materials, labor, and necessary items for the construction and installation of approximately 15,800 feet of 8-inch gravity sewer line, 1,200 feet of 6-inch gravity sewer line, one hundred seven manholes, nine cleanouts, a lift station pump upgrade and all other items.

The treatment plant upgrade included furnishing all materials, labor, and necessary items for the construction and installation of one sewer treatment plant upgrade consisting of blowers, controls, programming, valves, aeration modules, bioreactor/ aeration modules, air lines, and all other items.

The Willis Branch area is composed of County Route 23/2 – Coal River Mountain Road, County Route 23/13 – Bee Branch Road and Georges Creek Road. The Project is located near the Town of Pax in Fayette County, West Virginia.

KING COAL HIGHWAY WATER AND WASTEWATER PROJECT

Client: Mingo County Redevelopment Authority

Project Location:
Mingo County, WV

Key Personnel:
Rick Roberts, P.E.
Todd Garnes

Project Cost:
$6,300,000

Year Completed:
2012

E.L. Robinson Engineering was contracted by the Mingo County Redevelopment Authority to provide planning, design and construction services for a project that extended water and wastewater service to a 9 mile segment of King Coal Highway. The King Coal Highway was constructed as a Post Mined Land Use project and consists of a 4-lane highway along the mountain tops of Mingo County and created 750 acres of developable property and 300 direct jobs.

The water extension consists of approximately 49,700 feet of 10" water main, valves, fire hydrants and other related appurtenances. The extended sewer system consists of approximately 34,000 feet of 10" diameter gravity sewer pipe, 21,600 feet of 6" and smaller diameter force main, manholes and other related items. A 221,000 gallon water storage tank will be constructed in a future project. The project ultimately provided fire protection to the properties. Matewan owns, operates and maintains the system following completion of construction. Treatment is provided by the Town of Matewan's existing wastewater treatment plant.

FRANK-BARTOW SANITARY SEWER EXTENSION PROJECT

Client: Pocahontas County PSD

Project Location:
Pocahontas County, WV

Key Personnel:
Eric Coberly, P.E.
Randall Lewis
Todd Garnes

Project Cost:
$2,766,000

Year Completed:
Current

The Frank-Bartow Sanitary Sewer Extension Project will extend sanitary sewer service to approximately 104 customers in the communities of Frank and Bartow in northern Pocahontas County, West Virginia. Treatment will be provided by the Town of Durbin's existing wastewater treatment lagoon. Pocahontas County PSD currently provides potable water service to the aforementioned areas.

Currently, sewage disposal in the project area is by individual septic tanks and/or direct, untreated discharge to nearby waterways. Many of these systems are failing and contribute to the degradation of water quality in the project area.

This project will provide sanitary sewer service to 95 new residences, 7 commercial and 2 industrial properties with the construction of a cluster gravity wastewater collection system, thus eliminating the raw sewage and inadequately treated wastewater that is currently being discharged into the local waterways.

The extension will include approximately 27,600 LF of gravity sewer pipe, 900 LF of 2-in force main, 103 manholes, 20 gravity line cleanouts, 2 lift stations, 9 grinder station and all necessary appurtenances.

COALWOOD SEWER PROJECT PHASE I

Client: McDowell County PSD

Project Location:
McDowell County, WV

Key Personnel:
Bob Hazelwood, P.E.
Randall Lewis
Craig Cobb
Jeff Fleming

Project Cost:
$3,250,000

Year Completed:
Current

The Coalwood Sewer Project is derived from the Coalwood Sewer Study that was completed by ELR in 2015. Based on that study, he project cost estimate to provide public sewer to serve the entire Coalwood area consisting of 209 potential customers is $6,718,000. The initial phase of the proposed project (Coalwood Sewer Project - Phase 1) has an estimated cost of $ 3,250,000 and would serve approximately 72 potential customers (65 bonafide customers) in the most populated areas generally along Route 16 and a small area along Route 2 in Coalwood. The residents in the project area have no public sewer and are currently utilizing failing septic system and old mining community collection lines with no treatment. The current sewerage disposal methods in the area are a potential health threat and negatively contribute to the water quality of Tug Fork, Clear Fork, and its tributaries.

Based on preliminary design, it is anticipated that the Coalwood Sewer Project Phase I will consist of the following: 5,000 feet of 8" gravity sewer main, 650 feet of 6" gravity sewer main, 3,200 feet of forcemain(4"), 38 manholes, 7 cleanouts, 72 lateral services, 1 lift station, (- 80 gpm), 1 17,500 gpd package MBBR WWTP, emergency generators for WWTP and lift station and other related work.

MOZART SANITARY SEWER PROJECT

Client: Marshall County Sewerage District

Project Location:
Marshall County, WV

Key Personnel:
Rick Roberts, P.E.
Randall Lewis
Jeff Petry
Todd Garnes

Project Cost:
$9,389,000

Year Completed:
Current

This project consists of the construction of approximately 31,918 feet of 12-inch and smaller diameter gravity sanitary sewer pipe, 2,150 feet of 18-inch gravity storm sewer pipe, 11,366 feet of 4-inch and smaller diameter force main, 276 sanitary sewer manholes, 13 storm sewer manholes, five main pumping stations, nine grinder pump stations, one mastering metering station, cleanouts, service laterals and other related appurtenances.

Additionally, there is a stormwater component to Contract 1 of this project. This contract replaced a number of stormwater manholes and stormwater collection system which was located within close proximity to an aging wastewater collection system promoting inflow and infiltration. This project resulted in two independent systems ensuring the adequate collection and conveyance of both wastewater and stormwater in the project area resulting in a reduction of flow to the wastewater treatment facility.

Construction and project costs are estimated at $8,448,000 and $9,389,195, respectively. Anticipated funding consists of a State/Tribal Assistance Grant of $800,000, a Marshall County Commission Grant of $1,500,000, an Appalachian Regional Commission Grant of $1,500,000, a WV Infrastructure Fund Grant of $500,000, a WV Infrastructure Fund Loan of $2,160,000 at 1.0 percent interest for 40 years, a USDA-Rural Development Grant of $750,000 and a USDA-Rural Development Loan of $2,179,195 at 2.5 percent interest for 38 years

ASHLAND-CRUMPLER WASTEWATER COLLECTION AND TREATMENT SYSTEM

Client: McDowell County PSD

Project Location:
McDowell County, WV

Key Personnel:
Jeff Petry, P.E.
Dave Cole
Randall Lewis
Shawn Fore

Project Cost:
$4,115,000

Year Completed:
Current

The McDowell County Public Service District's, Ashland-Crumpler Wastewater Collection and Treatment System Project is located in the rural communities of Ashland and Crumpler in McDowell County, West Virginia. For a number of years the communities have utilized outdated on-site wastewater treatment methods, unpermitted community collection lines with direct discharges to the North Fork of Elkhorn Creek and a problematic effluent collection system with lagoon treatment facility.

The scope of the project is to provide effective, reliable and cost effective wastewater collection and treatment services to the communities to not only reduce health hazards associated with discharge of untreated wastewater but also improve overall water quality in the area as well as downstream along Elkhorn Creek. The project will provide service to approximately 115 potential customers as well as allow additional collection and treatment capacity to serve further development Hatfield and McCoy Trail tourism in the area.

The Project consists of approximately 15,000 feet of eight-inch and smaller diameter gravity collection line, 80 sanitary manholes, 7,000 feet of forcemain, two pumping stations, five grinder pumping stations, and one 30,000 gallon per day wastewater treatment facility. The result of this project will provide the communities with a modern wastewater collection and treatment facility, eliminate longtime public health hazards present in the area associated with past wastewater disposal practices, significantly improve water quality in the project area as well as downstream along Elkhorn Creek and promote tourism development in the along the already established Hatfield and McCoy Trail system.

BERGOO WASTEWATER COLLECTION AND TREATMENT SYSTEM PROJECT

Client: Webster Spring Public Service District

Project Location:
Webster County, WV

Key Personnel:
Eric Coberly, P.E.
Randall Lewis
Jack Ramsey, P.E.
Todd Garnes

Project Cost:
$2,692,500

Year Completed:
2020

The Bergoo Wastewater Collection and Treatment System provided sanitary sewer service and treatment to approximately 62 customers in the community of Bergoo. Wastewater treatment is now provided by the treatment plant operated by Webster Springs Public Service District.

Previously, sewage disposal in the project area was by individual septic tanks and/or direct discharge into Leatherwood Creek and the Elk River. Many of these systems were failing and contributing to the degradation of water quality in the project area.

The project provided sanitary sewer service to 51 existing residences, 5 commercial properties, and 6 future home sites. The cluster gravity wastewater collection system carries the sewage to the proposed treatment plant for proper treatment and discharge along Leatherwood Creek.

The project included approximately 4,890 LF of gravity sewer pipe, 4,035 LF of force main, thirty-one manholes, four gravity cleanouts, three force main cleanouts, four duplex lift stations, one triplex lift station, one 10,000 gpd packaged treatment plant, UV disinfection system, flow meter, control building, emergency generator, and all other necessary appurtenances.

BURNSVILLE WASTEWATER COLLECTION SYSTEM REHABILITATION PROJECT

Client: Burnsville Public Utility Board

Project Location:
Burnsville, WV

Key Personnel:
Jeff Petry, P.E.
Eric Coberly, P.E.
Randall Lewis
Dale Proctor

Project Cost:
$2,839,000

Year Completed:
Current

With the goal of meeting the requirements set forth in the NPDES permit, the Burnsville Public Utility Board undertook a system wide sewer system evaluation and subsequent smoke testing study and flow monitoring. The evaluation found flows to the plant routinely exceed the design capacity of the plant and result in violations of the Town's effluent permit limits. The smoke testing study found a total of 71 violations throughout the system.

Based on the findings of the study, the Burnsville Wastewater Collection System Rehabilitation Project originated. This project has many components which include the disconnection of five noted storm water drop inlets needed to reduce the amount of direct inflow into the system, the replacement of the main wastewater collection interceptor , relocation of the main interceptor and the addition of two pumping stations. Additionally, the project will address a number of other smaller critical components within the collection system that have become problematic for the Town involving outdated lines, gravity river crossing and existing pump stations upgrades.

CALDWELL SEWER PROJECT

Client: City of White Sulphur Springs

Project Location:
White Sulphur Springs, WV

Key Personnel:
Eric Coberly, P.E.
Jack Ramsey, P.E.
Randall Lewis
Todd Garnes

Project Cost:
$4,500,000 (approximately)

Year Completed:
Current

The City of White Sulphur Springs, Rt. 60 East Sewer Project is located at Caldwell to the west of White Sulphur Springs in Greenbrier County, West Virginia. The area currently is without proper functioning sewage systems.

The scope of the project was to provide services to design, bid and oversee construction of the sewer system. The system will involve construction of approximately 16,000 linear feet of gravity sewer; 14,000 linear feet of force main, construction of pump stations and providing service to 95 customers.

CATLETTSBURG WASTEWATER TREATMENT PLANT UPGRADE

Client: City of Catlettsburg

Project Location:
Boyd County, KY

Key Personnel:
Jack Ramsey, P.E.
Shawn Fore
Todd Garnes

Project Cost:
$2,722,818

Year Completed:
2018

This project involved the upgrade of an existing wastewater treatment plant. Specifically, the upgrade included the replacement of the grit removal system, expansion of the splitter box and installation of a new 175,000 gallons per day package treatment unit. Further, there was a rehabilitation of the two existing 250,000 gallons per day package treatment units, construction of a centralized chlorine contact tank, installation of a belt filter press, replacement of the three existing aeration blowers and other miscellaneous improvements.

REFERENCES

E.L. ROBINSON ENGINEERING

Ms. Leasha Johnson, Executive Director
Mingo County Redevelopment Authority
1657 Fourth Avenue
Williamson, WV 25661
(304) 235-0042

Mr. Williams Baisden, Manager
Logan County Public Service District
P.O. Box 506
Logan, WV 25601
(304) 946-2641
wb@lcpsd.com

Mr. Ronnie Davis, City Manager
City of Salem
229 West Main Street
Salem, WV 26426
(304) 782-1318
salemmanager@frontier.com

Mr. Andy Burns, Mayor
Town of Beverly
5 Walnut Avenue
Beverly, WV 26253
(304) 636-5360

Mr. Brian Rotenberry, General Manager
Bluewell PSD
4146 Coal Heritage Road
Bluewell, WV 24701
(304) 589-3470
brotenberry@frontiernet.net

Ms. Linda Coleman, Manager
City of White Sulphur Springs
589 Main Street West
White Sulphur Springs, WV 24986
(304) 536-1454
wss34@suddenlinkmail.com

Mr. Jeremy Drennen, City Manager
City of Philippi
P.O. Box 460
Philippi, WV 26416
(304) 457-3700
jeremy.drennen@philippi.org

Ms. Mavis Brewster, General Manager
McDowell County Public Service District
21901 Rocket Boys Drive
Welch, WV 24801
(304) 297-2622
mcdpsd@frontiernet.net

Mr. Lloyd Coleman, General Manager
Pocahontas County Public Service District
870 Snowshoe Drive
Slayfork, WV 26291
(304) 572-2566

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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder:	895004
Doc Description:	A/E Services-Stonewall Resort Supplemental WWTP System
Proc Type:	Central Contract - Fixed Amt
Reason for Modification:	

Date Issued	Solicitation Closes	Solicitation No	Version
2021-06-14	2021-07-13 13:30	CEOI 0310 DNR2100000002	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : E.L. Robinson Engineering

Address : 5088 Washington Street, West

Street :

City : Charleston

State : WV **Country :** USA **Zip :** 25313

Principal Contact : Eric J. Coberly, P.E.

Vendor Contact Phone: 304-776-7473 **Extension:** 262

FOR INFORMATION CONTACT THE BUYER
Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X EJ Coberly **FEIN#** 55-0594633 **DATE** 7/12/21

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division ("Purchasing Division") is soliciting Expression(s) of Interest ("EOI" or "Bids") for WV Division of Natural Resources ("Agency"), from qualified firms to provide architectural/ engineering services ("Vendors") as defined herein.
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 over, a supplemental treatment system to be added to the existing wastewater treatment system. This new supplemental treatment system will specifically remove copper and zinc from the effluent and reduce it to concentrations below that of current permit limits. Project shall include the installation of the new system and all appurtenances, and any other work to provide for a complete and properly functioning system to serve Stonewall Resort State Park in Lewis County, West Virginia. ("Project") per the attached specifications and terms and conditions.

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES STONEWALL RESORT STATE PARK 149 STATE PARK TRAIL ROANOKE WV 26447-8264 US	DIVISION OF NATURAL RESOURCES STONEWALL RESORT STATE PARK 149 STATE PARK TRAIL ROANOKE WV 26447-8264 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering		

Comm Code	Manufacturer	Specification	Model #
81101500			

Extended Description:
Architectural/engineering services and contract administration for the Stonewall Resort Supplemental WWTP System.

SCHEDULE OF EVENTS

Line	Event	Event Date

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, P.E., Project Manager
(Name, Title)

E J Coberly
(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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

E.L. Robinson Engineering
(Company)

E J Coberly PROJECT MANAGER
(Authorized Signature) (Representative Name, Title)

ERIC J. COBERLY PROJECT MANAGER
(Printed Name and Title of Authorized Representative)

7/12/21
(Date)

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0310 DNR 2100000002

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)

- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5
- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ 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

7/12/21
Date

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

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 exceed 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: _____ Date: 7/12/21

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 12 day of July, 2021.

My Commission expires November 21, 2021.

AFFIX SEAL HERE

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Kimberly R. Meadows
E L Robinson Engineering Co.
5088 Washington Street W.
Charleston, WV 25313
My Commission Expires Nov. 21, 2021

NOTARY PUBLIC Kimberly R. Meadows