



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: 544954

Doc Description: A/E Services-Canaan Valley Resort Wastewater Improvements

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
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BID RECEIVING LOCATION

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

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 2019 FEB 22 AM 10:12
 WV PURCHASING
 DIVISION

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN #

55-063-1834

DATE

2/21/19

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



EXPRESSION OF INTEREST
Engineering Services for Canaan Valley Resort
Wastewater Improvements

February 22, 2019





EXPRESSION OF INTEREST

Engineering Services

Canaan Valley Resort

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SECTION 1

EXPRESSION OF INTEREST



February 22, 2019

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305

Attention: Guy Nisbet

Subject: Expression of Interest
Engineering Services for the Canaan Valley State Park

CTL Engineering, Inc. (CTL) is pleased to submit these qualifications for Engineering Services for the Canaan Valley State Park. Mr. Timothy Darrah, as the CTL Team Project Manager, is authorized to negotiate and commit CTL's resources for this assignment. The enclosed qualifications demonstrate the CTL Team's capabilities and experience for this project assignment.

CTL offers the following unique qualifications for this assignment:

- Established experience in providing professional engineering services for multiple projects including projects or permitting for Army Corps of Engineers, EPA, West Virginia DEP, West Virginia DOT, Ohio Department of Natural Resources, Ohio DOT, West Virginia University, West Virginia University Hospitals, Mon Health Systems, City of Morgantown, MUB and other Municipalities.
- CTL is currently providing engineering services for a WWTP upgrade at the Cacapon Resort, in Berkeley Springs West Virginia.
- A proven record of over 90 years of providing engineering consulting, testing, and geotechnical engineering services for the tri state area.
- Multi-disciplined offices within the region staffed with qualified and experienced personnel. Offices in Columbus, Cincinnati, Cleveland, Akron, Ohio; Indianapolis, Indiana, Manassas, VA and Morgantown, WV available to support the project for this assignment and future needs.
- An Internet accessible, web-based reporting system that is secure and accessible 24 hours/day-7 days/week to project team members and CTL's client.
- Capability to perform in-house all the services required to complete the project. This allows CTL to be timely and efficient throughout the project.

Responsible Office

1091 Chaplin Road
Morgantown, WV

- CTL provides **Best Value** by leveraging existing resources with proven performance to achieve timely & cost effective solutions.
- Extensive capabilities & demonstrated experience in the ability to provide engineering services for the City of Fairmont.

CTL understands that simplicity, speed and flexibility are critical to the success of the project and we are confident that our team has the capability to bring the projects to their successful fruition. We appreciate this opportunity to submit our qualifications and look forward to a favorable reply to our submittal. Please do not hesitate to call either of the undersigned at (304) 292-1135 if you have any questions or need additional information.

Respectfully submitted,
CTL ENGINEERING, INC.

Joseph Stanley
Business Development Manager



Executive Summary

LEGAL NAME OF PROPOSER:
CTL ENGINEERING, INC.

OFFICE RESPONSIBLE FOR WORK:
1091 CHAPLIN ROAD
MORGANTOWN, WV 26501

TELEPHONE NUMBER:
PH: 304.292.1135

TYPE OF ENTITY:
Corporation

DUE DATE OF SUBMITTAL:
February 22, 2019

PROJECT MANAGER:
Timothy Darrah
tdarrah@ctleng.com

CLIENT RELATIONS:
Joseph Stanley
jstanley@ctleng.com

**CTL WAS BUILT ON THREE
FOUNDATIONAL PILLARS:**

COMMUNICATION

TEAMWORK

LEADERSHIP IN

TECHNOLOGY

COMPETENCE TO PERFORM THE REQUIRED SERVICE. *CTL's goal is to show that our work is transparent and lean. We treat every project, every dollar as if it were our own because we are not a service but a business partner. Our mantra is "It is our project also".*

CTL is a multidisciplinary Consulting Firm that provides **Municipal Engineering, Civil Site Design, Surveying, Construction Inspection, Materials Testing and Geotechnical** services for private development and local agencies and municipalities. Our highly qualified Team is capable of providing all the services outlined in this Request; We have a wide range of experience that can be called upon as seen fit by the client in order to deliver all projects assigned to our Team on time, within budget, and as per contract documents and specifications. Our Team possesses the depth of resources, staff and knowledge to insure quick and efficient furnishing of qualified personnel as dictated by the client's needs.

ABILITY TO PERFORM EXPEDITIOUSLY. Seamless collaboration with the Project Managers/Engineers in all Divisions is essential for project success. We practice partnering on all projects by engaging and communicating with all members of the project team and all stakeholders involved with the project. Our Team possesses the depth of resources, staff and knowledge to insure quick and efficient furnishing of qualified personnel as dictated by the City's needs.

LOCAL WORKFORCE. 100% of the Team's key personnel are located in the Morgantown, WV office.

CLOSING. We hope this submittal gives an indication of our qualifications, experience, and abilities. You are invited to visit our office and laboratory facilities at your convenience or we are willing to meet with members of the project team so that we can further demonstrate the quality of our operation.



Description of the Firm

CTL Engineering, Inc. is a full service **consulting engineering, testing and inspection company** with a significant amount of experience in the construction industry. We have over 250 employees including Registered Professional Engineers, Geologists, Metallurgists, Chemists, and a variety of Certified Engineering Technicians. CTL Engineering is qualified to provide services in the following disciplines: Civil and Municipal Engineering, Surveying, Observation and Testing of Construction Materials and Processes, Geotechnical Engineering, Environmental Services, Mechanical and Metallurgical Analysis, Non-Destructive Evaluations, Chemical Analysis, Roofing Design and Inspection, Building Envelope Evaluation, Pavement Design, Structural Steel and Product Testing.



CTL Engineering was established in 1927 and has maintained a presence within the State of West Virginia for over 30 years and throughout the State of Ohio for over 90 years. We have one of the most diverse firms in the region, a complete construction materials laboratory, a diversified local staff, and experience with large-scale local projects.

CTL Engineering operates under the guidance of our Quality System Manual, which addresses all requirements of ASTM E 329 "Standard Practice for Use in Evaluation of Testing and Inspection Agencies as Used in Construction," and AASHTO R18 "Establishing and Implementing a Quality System for Construction Materials Testing Laboratories."

CTL Engineering is regularly inspected by agencies such as the State Transportation Departments, the Cement and Concrete Reference Laboratory (CCRL) and the U.S. Army Corps of Engineers. Also, the National Institute of Science and Technology (NIST) and AASHTO accredit us in testing of concrete, soils, aggregates and asphalt.

- CTL is regularly retained to provide services for private and public entities, (West Virginia University, West Virginia University Hospitals, Mon Health Systems, City of Morgantown, MUB and other Municipalities
- CTL personnel are fully trained and equipped to perform the required task throughout the project
- CTL Engineering **emphasizes good communication and interpersonal skills** that make our personnel valuable assets
- CTL takes pride in completing projects in a **cost effective and timely manner**





Consulting Engineering • Testing • Inspection • Analytical Laboratory Services
Employee Owned • Established 1927

PROFESSIONAL SERVICES



Analytical Chemistry

- Organics
- Metals
- Liquid and Solid Fuels
- Soil and Water
- Oils and Sludge
- Solid and Hazardous Wastes
- Construction Materials

Computer Technology

- Drafting Services
 - AutoCad
 - Digitizing
 - Microstation
- Software Development
 - Internet and Intranet
 - Application Software

Construction Administration

- ODOT LPA Projects
- County and Municipal Projects
- Daily On-Site Inspections
- Owner's Representative

Construction Services

- Floor Flatness
- Soils, Concrete, Asphalt, Masonry, Fireproofing, and Steel
- Earth and Concrete Dams
- Pavements for Streets and Airports
- Pre and Post Construction Inspection
- Embankments, Fill, and Cut

Environmental

- Phase I and II ESAs
- RCRA Closure and Site Remediation
- Asbestos/Lead/Mold Surveys
- Abatement Design/ Monitoring
- Wetlands Delineation, Permitting and Mitigation
- Endangered Species/ Ecological Surveys
- Stormwater Management
- Water Resource Engineering
- Underground Storage Tank Management per BUSTR
- Hydrogeologic Studies and Aquifer Characterization

Existing Structure Evaluation

- Delamination Determination
- Bridges/Buildings
- Sonic Velocity Testing
- Half Cell Potential Testing

Forensic Science

- Roofing Failures
- Building Failures
- Legal Testimony
- Product Liability

Forensic Investigations

- Landslide, Soil and Foundation Failures
- Accident Reconstruction

Geotechnical

- Site Selection
- Pavement Design (including CBR Study)
- Foundation Analysis and Design
- Embankment and Earth Dam Analysis
- Slope Stability Analysis
- Subsurface Exploration - Drilling Services

Ground Penetrating Radar

- Concrete Inspection and Evaluation
- Bridge Inspection
- Utility Detection and Mapping

Materials Testing

- Concrete
- Aggregates
- Soils and Rock
- Clay and Masonry Products
- Bituminous Materials
- Petrographic Studies
- Concrete and Asphalt Mix Designs

Metalurgy

- Metallography
- Failure Analysis
- Fracture Analysis
- Corrosion Studies
- Tensile and Hardness
- Application Recommendations

Mining Engineering

- Mine Plan Design
- Permit Preparation
- Refuse Disposal Design
- Mine Reclamation Design
- Environmental Monitoring
- Subsidence Investigation
- Drainage Control Structures

Nondestructive Testing and Inspection

- Level II Services
- Ultrasonic Inspections
- Liquid Penetrant Inspections
- Magnetic Particle Inspections

Pavement Management

- Budgeting
- Prioritization
- Deterioration Rates
- Condition Assessment
- Maintenance and Rehabilitation Strategies
- Network Needs and Long Range Goals

Product Testing

- Calibration
- Design Analysis
- Safety Evaluation
- Hydrostatic Testing
- Mechanical and Physical Property Testing
- Load and Strength Testing

Roofing Engineering and Building Envelope Services

- Infrared and Nuclear Testing
- Air/Water Infiltration
- Quality Control
- Roof Surveys Evaluation
- Design and Construction Administration

Roof Management Systems

- Budgeting
- Prioritization
- Deterioration Rates
- Condition Assessment
- Maintenance and Rehabilitation Strategies

Security and Safety Systems

- Design
- Construction
- Paging Systems
- Video Surveillance
- Intrusion Detection
- Card Access Control
- Audio/Visual Solutions
- Digital Video Recording

Site/Civil Engineering

- Commercial Land Development
- Infrastructure Planning
- Residential/Community Planning

Surveying and Mapping

- Topographic Mapping Development
- Property Surveying and Boundary Determination
- Global Positioning System

Telecommunication Services

- Design
- Construction
- Existing Structure Analysis and Maintenance
- Lighting Systems
- Inventory and Warehousing

Welding and Quality Control

- QA/QC Programs
- Certified Welding Inspection
- Welding/Brazing Qualification
- Procedure Development

OFFICE LOCATIONS

2860 Fisher Road
Columbus, OH 43204
Phone: (614) 276-8123
Fax: (614) 276-6377

1310 S Franklin Road
Indianapolis, IN 46239
Phone: (317) 295-8650
Fax: (317) 295-8395

3085 Interstate Parkway
Brunswick, OH 44212
Phone: (330) 220-8900
Fax: (330) 220-8944

3902 New Vision Drive
Fort Wayne, IN 46845
Phone: (260) 482-4503
Fax: (260) 482-2002

633 High Street
Murfreesboro, TN 37132
Phone: (740) 820-8365
Fax: (740) 820-5698

102 Commerce Drive
Wapakoneta, OH 45895
Phone: (419) 738-1447
Fax: (419) 738-7670

1091 Chaplin Hill Road
Morgantown, WV 26501
Phone: (304) 292-1135
Fax: (304) 296-9302

2105 Schappelle Lane
Cincinnati, OH 45240
Phone: (513) 722-8665
Fax: (513) 834-6650

450 Grant St. Suite 110
Akron, OH 44311
Phone: (330) 994-1590

7655 Coppermine Drive
Manassas, VA 20109
Phone: (571) 229-5244

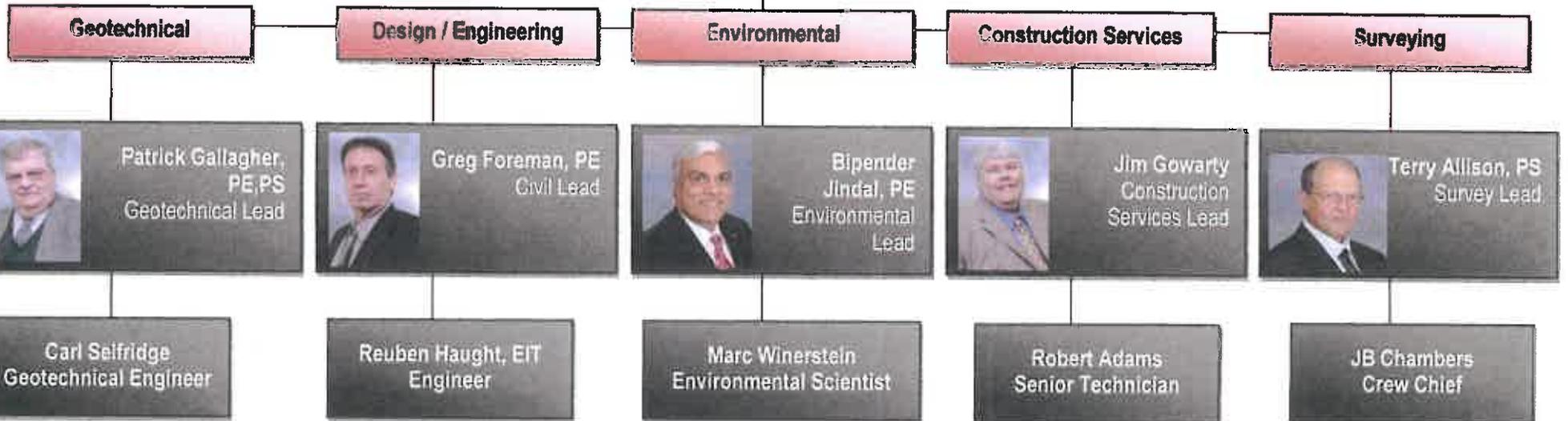
Sachina Engineering
407 "B" Block
SNS Arcade, Airport Road
Bangalore, India
560017
011-91-80-526-8615

www.ctleng.com



SECTION 3 QUALIFICATIONS OF THE FIRM

CTL TEAM ORGANIZATION





Personnel Matrix

Name	Education	Years of Experience	Water	Sewer	Stormwater	Design	Bidding	Construction Management
Timothy Darrah *	B.S. Civil Engineering Technology	29	X	X	X	X	X	X
Pat Gallagher PE *	B.S. Civil Engineering /Minor in Geology	42	X	X	X	X	X	X
Gregory Foreman *	B.S. Civil Engineering Technology	28	X	X	X	X	X	X
Millard "Bucky" Nicholson *	B.S. Civil Engineering Technology	17	X	X	X	X		
Jim Gowarty *	B.S. Civil Engineering Technology	28	X	X	X		X	X
Matthew Kairouz PE *	B.S. Civil Engineering /M.S. Geotechnical	29	X	X	X		X	X
Hassan Zahran PE *	B.S. Civil Engineering	30	X	X	X	X	X	X
Reuben Haught EIT *	B.S. Civil Engineering Technology	6	X	X	X	X		
Dave Breitfeller PE *	B.S. Civil Engineering	40	X	X	X	X	X	X
Carl Selfridge *	B.S. Civil Engineering	21	X	X	X			
Rueben Mick *	B.S. Engineering Technology	42	X	X	X			X
Hillary Cale	Civil 3D Advanced Training	13	X	X	X	X		
J.B. Chambers *	Garrett CCC	27	X	X	X			
Robert Adams *	Salem College	25	X	X	X			X
Derrick Surret	B.A. Environmental Studies	12	X	X	X			
Kevin Crites	B.S. Civil Engineering	5	X	X				
Danny Wolfe	MTECH	23	X	X	X	X		
Christopher Mitchell	B.S. Landscape Architecture	4	X	X	X	X		
Bruce Sine	A.A.S. Graphic Art	18	X	X	X	X		
Don Jaggie	WVDOT Certified Technician	17	X	X	X	X		X

Key Personnel and Additional Staff

Key Personnel shown in **Bold**

* - indicates resume is included

CTL Team Key Personnel / Experience

Tim Darrah | Civil/Site and Surveying Department Manager

Education: B.S. Civil Engineering

Summary: Mr. Darrah will serve as the project manager for CTL. Mr. Darrah is presently responsible for department management for municipal engineering, civil site design and surveying projects including topographic, property and construction layout. Mr. Darrah also serves as project manager on various types of civil engineering projects including water, sewer and stormwater designs as well as residential, commercial developments and reclamation design projects. Office work includes site designs, hydrology calculations, quantity calculations, and various other forms of engineering related duties.



Relevant Project Experience

- Maple Drive WVDOH road design and utility relocations.
- Scotts Run Water Line, Wiles Hill Tank & MUB Access Road Survey-Surveying & Layout. Morgantown, W.V.
- Linwood Street Stormwater-Stormwater System. Morgantown, W.V.
- Dorsey Knob Public Services District As Built Survey-Surveying Services. Morgantown, W.V.
- WVUH Stormwater Analysis-Stormwater Analysis. Morgantown, W.V.
- Mon General Hospital Development-Site Design. Morgantown, W.V.
- Fairmont (Jackson Addition) Subsidence Project-AML
- Reclamation, Subsidence Investigation & Geotechnical. Marion County, W.V.
- University Place-Geotechnical, Surveying, Civil Site & Environmental Services. Morgantown, W.V.
- University Park-Geotechnical, Surveying & Civil Site Services. Morgantown, W.V.
- Pee Wee Hill Water Line Design, Kitzmiller, MD
- Farmington Box Culvert, Stormwater & Hydraulic Modeling. Farmington, W.V.
- Farmington Floodplain Expansion, Stormwater, Hydraulic Modeling and Floodplain Analysis, Farmington, W.V.
- Harvest Ridge Subdivision, Sewer, Water and Stormwater Design & WWTP. Morgantown, W.V.

Patrick E. Gallagher, PE, CPGS | President

Education: B.S. Civil Engineering, Minor in Geology

Summary: Mr. Gallagher will serve as the geotechnical lead for the project. Projects successfully completed under Mr. Gallagher's direction include: Civil Site Design, Foundation Design, Stormwater Management, Waste Water Design, Roadway Design, Parking Lot Design, Geotechnical Investigations & Design, Site Stability Analyses, Mine Subsidence Evaluations, Failure Investigations and Environmental Investigations and Expert Witness Testimony. Prior to joining CTL Engineering, Mr. Gallagher was the chief of the Abandoned Mine Reclamation Program for the State of Maryland, Department of Natural Resources, and Bureau of Mines. In addition, he was also responsible for overall engineering/geologic support to the Maryland Bureau of Mines Program. His career began in Pittsburgh as a project geotechnical engineer with Orbital Engineering.



Relevant Project Experience

- I-79 Interchange Morgantown – Geotechnical Project Manager on this Design Build to the Town Centre.
- Lonaconing, MD - Camera Evaluation of 2,000 LF of Stormwater System evaluation to assess condition for replacement of portions of the system
- Mon General Site Development-Site Design. Morgantown, W.V.
- Ambulatory Care Center-Geotechnical Services. Morgantown, W.V.
- Grand Central Apartments-Geotechnical Services. Morgantown, W.V.
- Gateway Development-Site & Civil Services. Morgantown, W.V.
- Federal Correctional Institute-Variou Services. Hazelton, W.V.
- Fairmont Subsidence-AML Reclamation & Geotechnical Services. Fairmont, W.V.
- Mr. Gallagher has been involved in numerous Failure Investigations and Forensic Projects over the past 40 years. He has been approved as an expert in the areas of Foundation Failures, Blasting, Flooding, Slope failures, Construction Defects, Structural, and Residential Construction Defects.

Gregory Foreman, P.E. | Civil & Municipal Engineer**Education:** B.S. Civil Engineering**Professional Registrations:** Professional Engineer, WV, PA

Summary: Mr. Foreman will be the Design Lead for the project. Mr. Foreman has been with CTL Engineering for more than 10 years and has served as Project Manager and Design Engineer for a multitude of design projects for municipal, commercial, and private developer clients. He has over 25 years of experience with consulting engineering organizations. Prior to joining CTL, Mr. Foreman's career involved project engineering roles for Horner Brothers Engineers and Greenhome & O'Mara. Mr. Foreman's experience includes roadways and streets including design, permitting, bid package development, and construction oversight. Representative experience includes:

**Relevant Project Experience**

Mr. Foreman's experience includes roadways and streets including design, permitting, bid package development, and construction oversight. Representative experience includes:

- Mount Morris Municipal Authority, Pennsylvania. Lead engineer for design of sewer system remediation design. Effort involved coordination of design for requirements of PennDOT as related to system components within PennDOT right of way.
- Fairview, West Virginia. Project engineer for sidewalk improvements within WVDOH right of way. Effort involved design and preparation of construction plans and specifications for the removal and replacement of 1,000 square yards of concrete sidewalk including the installation of handicap access ramps along Main Street and a construction cost of over \$500,000.
- Star City, West Virginia. Project Engineer for Industrial Avenue and Boyers Avenue Streetscapes. Effort involved design and preparation of construction plans and specifications for the construction of concrete sidewalks in WV DOH right of way. Responsibilities included site evaluation, utility relocation and removal, preparation of specifications and construction bid packages. Projects involved over 870 linear feet of public streets widening and improvement, 1,000 LF of sidewalk replacement and a capital cost in excess \$470,000.
- Fairmont, West Virginia. Project engineer for sanitary sewer improvements including field investigation and evaluation of the existing sewer system. Responsibilities included design and specifications, and permitting, for the sewer replacement and force mains in the WVDOH right of way including aspects related to replacement of impacted pavements. Construction costs for the improvements were in excess of \$9,000,000 and involved over 10,000 linear feet of impacted public roads.

Bipender Jindal, P.E., C.P. | Project Engineer/Certified Professional**Education:** B.ChE.in Chemical Engineering; B.Sc. in Biological Sciences

Summary of Experience: Mr. Jindal is the Director of Environmental Services for CTL, with over 30 years of experience in providing and managing Environmental Site Assessments (ESAs), Hazardous Waste Management, UST Services and other aspects of environmental services. Mr. Jindal's innovative approach to project management has resulted in substantial cost savings for clients. Under Mr. Jindal's management, CTL's execution of ESAs for all the ODOT roadway improvement projects, ODOT rest areas, and the Nelsonville By-Pass project were completed on time and under budget. In addition, 99% of CTL's ODOT District 3 and 6 task order projects were completed on time and under budget.



In 2007, Mr. Jindal obtained accreditation as an Asbestos Project Designer in the State of Ohio and completed abatement project designs for the Ohio State University and Kent State University projects. As a Certified Professional under the Ohio EPA's VAP, Mr. Jindal has conducted VAP compliant Phase I & II ESAs, including remediation and has issued one No Further Action (NFA) letter and obtained Covenant Not to Sue (CNS). Mr. Jindal has experience with in-situ & Ex-situ treatment of organic/petroleum contaminated soil & groundwater & has completed several projects successfully.

Relevant Project Experience**Davis Wince Architects, Ltd; Columbus, OH; 2007**

Conducted site visit for developing the hazardous material survey plan for the OSU Jones Graduate Tower Renovations project.

Braun & Steidl Architects, Inc., Columbus, OH 2007-2008

Managed the hazardous material survey for the abandoned City of Columbus water treatment laboratory facility.

Harris Design, Columbus, OH; 2008

Conducted site visit for developing the hazardous material survey plan for the former City of Columbus Police Building renovation project.

Davis Wince Architects, Ltd; Columbus, OH; 2006-2008

Conducted hazardous material survey for the former 6-story, Ohio Department of Job and Family Services Building

James P. Gowarty | Construction Services Manager

Education: B.S. Civil Engineering, 1990; A.S. Mechanical Engineering, 1990

Summary: Mr. Gowarty will serve as the Construction Services Lead for the Project. As the Construction Services Manager for CTL Engineering of West Virginia Inc., Mr. Gowarty is responsible for supervising field and laboratory technicians. He is also responsible for report writing for field and laboratory testing, project management, client contact, estimating, proposals and invoicing for Construction Services Department. Mr. Gowarty's experience also includes surveying, pre-mining and pre-blast surveys, field supervision of drilling crews, Phase I Environmental Site Assessments and radiation safety officer and corporate safety officer. In addition, Mr. Gowarty is the Construction Materials Testing



Supervisor, providing concrete, compaction, and aggregate testing and has over twenty (20) years of experience with Nuclear Gauge Operation.

Mr. Gowarty has been CTL's Corporate Safety Officer since the Fall of 2008. Mr. Gowarty is CTL's USNRC Safety Officer.

Relevant Project Experience

- Water Treatment Plant Correctional Action Design-Geotechnical & Construction Services. Marion County, W.V.
- Fairmont Airport-Variou Services. Fairmont, W.V.
- Hazelton Federal Correctional Institute-Variou Services. Hazelton, W.V.
- U.S. Department of Energy Facility-Geotechnical, Construction, Surveying Services. Morgantown, W.V.
- I-81 Martinsburg to Marlow Interchange-Design Build. Martinsburg, W.V.
- Mileground Roundabout-Construction Services. Morgantown, W.V.

Matthew Kairouz, P.E. | Project Manager

Education: M.S. Geotechnical Engineering, 1989; B.S. Civil Engineering, 1988

Professional Registrations: Professional Engineer, State of Ohio

Summary: Mr. Kairouz will serve as a senior geotechnical engineer for the project. He will provide strategic project input as needed and peer review for key design documents. Mr. Kairouz has over 22 years of experience in the fields of Geotechnical Engineering and Subsurface Exploration. He regularly develops site-specific procedures and specifications for subsurface improvement and stabilization on geotechnical projects. He is responsible for planning, developing, and supervising geotechnical investigations. His experience includes investigation and analysis for water and sewer systems, site development, design of deep and shallow foundations for various structures, bridges, highways, pavements, and airports.

**Relevant Project Experience**

Mr. Kairouz has experience with a number of Water/Wastewater Treatment Plants, Sewer Lines and Water Tanks including:

- NEORS D Subsurface Investigation – Westerly; City of Brecksville – Chagrin River Road Sewer; City of Brecksville – Snow Vile Road Sewer; City of Twinsburg – SR 91 Water Main; City of Cleveland – N. Royalton Pump Station; City of Cleveland – Middleburg Hts. Pump station; City of Cleveland WPC – 2010 Capital Improvement Various Street Sewers; City of Cleveland – Morgan Plant Basin 1 & Chemical Building; The Flats E. Bank – Sewer and Pump Station; City of Twinsburg – Water Tower.

Millard "Bucky" Nicholson | Civil Engineer**Education:** B.S. Civil Engineering

Summary: Mr. Nicholson will serve as the Stormwater Modeling Lead. Mr. Millard L. Nicholson Jr. is a Staff Engineer, Project Manager, and CAD Designer in the Morgantown, West Virginia office of CTL Engineering, Inc. His responsibilities include assisting in the planning and design of civil site design projects involving land planning and site development aspects, stormwater for MS4 communities and permitting. He is proficient in AutoCAD Civil 3D, HEC-RAS, TR-55, Hydraflow Hydrographs, Microsoft Word, and Microsoft Excel. His projects include commercial and residential properties, mine and energy sites, and, also, state, county, and local roads. Mr. Nicholson expertise in stormwater and hydraulic modeling are crucial for any project CTL completes. All site development designs are coordinated through Bucky and rely on his calculations and analyses for site specific specifications. Bucky has completed numerous studies and analyses in support of modification to FEMA Flood Maps via LOMR (Letter of Map Revision) process. He has modeled several sites using HEC-RAS to determine the actual floodplain limits. Bucky also is our lead for green design in stormwater, such as biocells and rain gardens. Ditch calculations and drainage areas are other examples of Bucky's experience.

**Relevant Project Experience**

- Aquatic Center – Site Design / Stormwater, Monongalia County, West Virginia
- LOMR and FEMA permits various locations in West Virginia
- Site Development stormwater design, various locations in West Virginia
- Hydraulic Modeling for Bridge Analysis, Monongalia County, West Virginia
- Mylan Park – NPDES Permit, Monongalia County, West Virginia

Hassan Zahran, P.E. | Construction Administrator/Engineer**Education:** B.S. Civil Engineering**Professional Registrations:** Professional Engineer, State of Ohio

ODOT Construction Engineer, Level 2 (pending)

Summary: Mr. Hassan will serve as a senior engineer for construction management for the project. He will provide strategic project input as needed and peer review for key design and bidding documents. He has 30+years of experience in managing complex construction projects working for the City of Columbus and Ohio Department of Transportation (ODOT, D-06). Hassan has experience with all facets of construction administration ranging from the jobsite documentations, inspection of work and materials (PBOM), dispute resolution, investigating and mitigating contract claims, analyzing CPM schedule (P-6), contract interpretation issues as well as a thorough understanding of ODOT specifications, policies and procedures.

**Relevant Project Experience**

Mr. Zahran has experience with a number of roadway projects that included sewer upgrades as part of the scope including: 2012 Bicentennial Construction Program, Downtown City of Columbus; Parsons & Livingston Improvement Streetscape Gateway Project; Hard Road Phase Improvement (PH A, B & C); Joyce Avenue Improvements corridor. Mr. Zahran has experience on the following sanitary/stormwater/water main projects: Third Ave Sanitary improvements (PART-1); East 25th Ave/Joyce Ave Stormwater Improvements; Idlewild Drive Stormwater System Improvements; Stafford/Union Area Stormwater and Waterline improvements; Maryland Ave/Denver Ave Stormwater improvements; Marion Rd and Lockbourne Rd Stormwater System Improvements; Barthman/Parsons Integrated Solution, PH-1; Compost Facility Stormwater Diversion Swale Improvements; Kinnear Road Area Water Main Improvements; Sexton Area Water Line improvements; Johnstown Road Area Water Line Improvement; Innis Area Waterline Improvements.

Reuben Haught, E.I. | Civil Engineer**Education:** B.S. Civil Engineering Technology**Summary:** Mr. Haught will provide engineering support to stormwater modeling and design for the project. Mr. Haught is a Staff Engineer and CAD Designer whose responsibilities include site design, site grading, stormwater design in and out of MS4 communities, permitting, retaining pond design, and impoundment stability inspections. He is proficient in AutoCAD Civil 3D, Hydraflow Hydrographs, Microsoft Word, and Microsoft Excel.**Relevant Project Experience**

WVU Track and Aquatic Center in Morgantown, WV: Site Layout, Site Grading, Stormwater Design, Erosion and Sediment Permitting, Retaining Pond Design.

WVU Medicine Clinic in Fairmont, WV: Site Grading, Stormwater Design, Erosion and Sediment Permitting, Retaining Pond Design

Mon General Outpatient Facility in Fairmont, WV: Site Grading, Stormwater Design, Erosion and Sediment Permitting, Retaining Pond Design

David Breitfeller, P.E. | Construction Engineer Level 2**Education:** B.S. Civil Engineering**Professional Registrations:** Professional Engineer, State of Ohio
ODOT Construction Engineer, Level 2**Summary:** Mr. Breitfeller will serve as a senior engineer for construction management for the project. He will provide strategic project input as needed and peer review for key design and bidding documents. He is a Principal Engineer with over 40 years of experience in construction materials inspection and testing and more than 20 years of experience managing ODOT Consultant Inspection contracts. His responsibilities include coordination, management, supervision and reporting of construction related testing and inspection services.**Relevant Project Experience**

Mr. Breitfeller has experience with the following sanitary/stormwater/water main projects: Parsons Ave Water Plant; Gallipolis WWTP; City of New Albany Elevated Water Storage Tank; Scioto County Regional Water District No. 1 - New Recarbonation Tank; WRF Step Feed Phase 2; Dublin Road Water Treatment Plant.

Carl Selfridge | Geotechnical Engineer**Education:** B.S. Civil Engineering Technology**Summary:** Mr. Selfridge will serve as a geotechnical engineer and provide geotechnical oversight and review for the project. Annually manages 100+ various geotechnical projects including; education, transportation, commercial development and a variety of public and private clients. Mr. Selfridge is responsible for directing all aspects of the Geotechnical Engineering Department for CTL Engineering of West Virginia, Inc.

This includes the management of field drilling activities, field classification of soil and rock, field and laboratory safety procedures, the assignment of a laboratory testing program, and performing geotechnical evaluations. Engineering evaluations include foundation recommendations, settlement analysis, slope stability analysis, earth pressure coefficients and report preparation.

Relevant Project Experience

Water Treatment Plant Corrective Action Design-Geotechnical Services. Marion County, W.V.

Benedum Airport Towers-Geotechnical Services. Harrison County, W.V.

I-81 Martinsburg to Marlowe Interchange-Design Build. Jefferson County, W.V.

Oak Valley Garden Apartments-Geotechnical Services. Gilmer County, W.V.

West Minister Apartments: Phase I & II-Civil Site, Environmental, Geotechnical & Surveying Services. Jefferson County, W.V.

University Place-Civil Site, Environmental, Geotechnical & Surveying Services. Morgantown, W.V.

WVU Stewart Hall Retaining Wall-Geotechnical Services. Morgantown, W.V.



Ruben Mick | Civil Engineer

Education: B.S. Civil Engineering Technology

Summary of Experience: As a Project Manager, Mr. Mick's responsibilities include structural and foundation evaluations and design, retaining wall design, new construction inspections, mine subsidence investigations, flood investigations, impoundment stability inspections, civil site design project management, technical report and specification preparation and letter writing.

Relevant Project Experience:

Mr. Mick has performed quality control inspection services for Morgantown Utility Board's (MUB) major expansion of the Cheat Lake Wastewater Treatment Plant System and Pump Station, along with new water tank installation, gravity, force main sewage and main water line extensions from Granville to the Chaplin Hill Business Park in addition to sanitary and water line extensions for the Northpointe Townhouse Development located in Morgantown, WV. Performed energy efficiency upgrade and structural modifications to the Star City Town Hall Building Complex.

**J.B. Chambers | Surveyor**

Education: Garrett County Community College

Summary: Mr. Chambers will be responsible for field surveying for the project. Mr. Chambers presently serves as a Surveying Supervisor and Party Chief for the Morgantown office. He is responsible for working directly with the Department Manager to coordinate projects and schedule personnel necessary to perform the required scope of services. Typical projects successfully completed by Mr. Chambers include a variety of surveying services such as; ALTA and ARSM surveys, utility locates, oil and gas line surveying, topographic, boundary, construction, site layout, mining, route, flood plan, as well as wetland delineation and control.

**Relevant Project Experience**

- Piedmont Water Treatment Plant, *Piedmont, West Virginia*
- Scotts Run Public Service District, *Morgantown, West Virginia*
- Reedsville Sewer Project, *Reedsville, West Virginia*
- Jefferson Street Bridge, *Fairmont, West Virginia*
- I-81 Cross Sections, *Berkeley County, West Virginia*
- Scotts Run Water Line, *Wiles Hill Tank & MUB Access*
- West Virginia University - Various Projects - Surveying Services, *Monongalia County, West Virginia*
- West Virginia University Hospital, *Morgantown, West Virginia*

Robert Adams | Senior Technician

Education: Salem College

Summary of Experience: Mr. Adams serves as Lab and Field Manager for the Morgantown, WV office. He is Senior Engineering Technician responsible for performing AASHTO and ASTM tests on soil and concrete including gradations, proctors, sieve analysis and compressive strength tests. Mr. Adams also serves as our primary mentor on the training of our new technician staff. In addition, Mr. Adams is our primary technician for commercial and WVDOH Projects, performing field nuclear density testing on highways and bridges throughout West Virginia.

**Relevant Project Experience**

- Benedum Airport, *Bridgeport, WV*
- Fairmont Airport, *Marion County, WV*
- Dunkard T-Beam Bridge, *Monongalia County, WV*
- Star City Bridge, *Morgantown, WV*
- Monongahela Avenue, *Morgantown, WV*
- WV Department of Highways, *Numerous Projects throughout WV*
- Harrison Power Station Phase V Step 1, *Harrison County, WV*
- Pond Slope Stabilization, *Various Locations in WV - Point Marion Lock & Dam Project, Pt. Marion, PA*

Past Project Experience

Project: Cacapon Resort State Park Wastewater Treatment Plant Upgrade

Owner: West Virginia Division of Natural Resources

Location: Berkeley Springs, West Virginia

Project Description: The project consisted of the design and construction of renovations to the Cacapon State Park. CTL Engineering of West Virginia, Inc. was retained to provide engineering services for the Wastewater Treatment Plant upgrade, Golf Cart Building and Path, review of the existing water lines, grading and stormwater around the resort. This included review of the existing systems, provide construction documents and specifications and help with the bidding and construction process.



Project: Retained Engineer

Client: Mount Morris Water and Sewage Authority

Contact: Charles Nutter

Phone: (724) 324-2186

Location: Mount Morris, Pennsylvania

Project Description: Mount Morris Municipal Authority, Pennsylvania. Lead engineer for design of sewer system remediation design. Effort involved coordination of design for requirements of PennDOT as related to system components within PennDOT right of way. As the retained engineer, CTL is responsible for any planning updates, engineering design, permitting, surveying, project management and construction inspection.



Project: Farmington Box Culvert Rehabilitation

Client: Monongalia Conservation District

Contact: Gene Saurborn

Phone: (304) 285-3118

Location: Farmington, West Virginia

Project Description: The town of Farmington has experienced occasional flooding from storms of short intense duration. CTL Engineering of West Virginia, Inc., in conjunction with an open-ended contract with the Monongahela Conservation District and the West Virginia Conservation Agency, provided design, specifications, bidding and construction observation and testing for the project consisting of demolishing and replacing the existing deteriorating concrete deck lid, repair spalling and cracking areas of existing sidewalls, and installation of a 8" diameter sanitary stub into the existing main line.



Project: Harvest Ridge WWTP

Client: Enroute Properties

Contact: Kevin Adrian

Phone: (304) 692-8402

Location: Morgantown, West Virginia

Project Description: CTL designed the sanitary collection system and 150,000GPD sewage plant to serve two subdivisions located on 220-acres with the potential to serve 535 single family homes treatment plant site. CTL provided all the design and permitting for this project and continues to provide services and technical support as the collection system and plant expand.



The collection system currently has over 26,590 feet of line, one lift station and 103 manholes. The subdivisions have plans to add to the collection system as the developments expand.

The sewage plant consists of a 15,084 gallon Pre-treatment chamber that will pump to three 50,000 GPD Sequencing Batch Reactors (SBR) at full build out. The SBRs will pump sludge to a 22,626 gallon aerated sludge holding tank. The SBRs will pump effluent to an Equalization tank that will pump to a 2,576 gallon chlorine contact chamber with a tablet chlorinator and de-chlorinator and a 1,218 gallon post aeration chamber. When the plant expands to 100,000 GPD the tablet disinfection unit will be replaced with an ultraviolet unit.

Project: Water Treatment Plant –Corrective Action Design

Client: City of Fairmont

Contact: David Sago

Phone: (304) 292-8443

Location: Fairmont, West Virginia

Project Description: CTL Engineering provided drilling and engineering services for the investigation, evaluation, and recommendations for the proposed Water Treatment Plant Corrective Action Design for the City of Fairmont. The work included multiple subsurface investigations, providing observation and design services for the construction of retaining walls on site, and conducting compaction and concrete testing services. CTL was also responsible for providing a slope stability analysis to confirm the sites suitability for the existing and proposed features.



Project: Cheat Lake WWTP

Client: Morgantown Utility Board

Contact: Tim Ball

Phone: (304) 292-8443

Location: Morgantown, West Virginia

Project Description: CTL provided services for Morgantown Utility Board (MUB) on a \$10M dollar Sanitary Sewer Improvement Project, located in Eastern Monongalia County. CTL provided 1 on-site engineer and 3 full-time engineering technicians on the project. This project included Quality Control Construction Observation Services for a new Waste Water Treatment Plant and Regional Collection System. Phase I of this project involved expanding the current treatment plant facility from an operating capacity of 250,000 gal/day to 750,000 gal/day in addition to a new pump station along with associated pipeline work. This increase enabled the Board to bring public sewer service to over 1,000 people living in the nine subdivisions surrounding the Cheat Lake area of Morgantown, thus eliminating numerous privately owned treatment plants throughout the subdivisions.



Phase II of this project brought sewer service to the homes in the rural areas outlying the subdivisions. Our client, the Morgantown Utility Board, also requested CTL to provide oversight observation service.



Project: Maple Drive Widening
Client: Mon Health Systems / WVDOT
Contact: Ed Phillips
Phone: (304) 598-1404

Location: Morgantown, West Virginia

Project Description: CTL Engineering, Inc. was responsible for design and permitting of the Maple Drive widening project. CTL was retained to develop plans and specifications in coordination with the WVDOT to widen 1,400 feet of the existing Maple Drive from a narrow two lane road to a 22' road with a sidewalk. The project also included a new stormwater system and the coordination and design for the relocation of all existing overhead utilities to underground. CTL also provided documents and staff support throughout the bidding process.



Project: Pee Wee Hill Water Supply
Client: Maryland Department of the Environment
Contact: Mike Gamer
Phone: (304) 689-1460
Location: Kitzmiller, MD

Project Description: The site consisted of 23 residences that had impaired water supply from existing wells and springs. The impairment was both quantity and quality based. Deep mines from the early 1900s to the 1950s in multiple seams underlaid the entire project area. Several of the residences had lost well supply totally and many others had seasonal reductions in available water. Most of the residents displayed adverse water quality. CTL investigated the project area to determine if water supply had been effected by abandoned deep mines. This included mine data review, well water sampling and well draw-down and surge testing. Design of full water supply and distribution system to all residences. Design included 5,900 LF of mainline supply, 7,100 LF of distribution lines with fire protection, 23 tap-in lines, 105,000 gallon supply tank, 60gpm booster pump station from existing system to new supply tank. Construction E&S control plans, Construction drawings and specifications, and As-Built drawings.



Project: Licking County Project Management
Client: Licking County
Contact: Licking County Engineer's Office
Phone: (740) 670-5280

Location: Licking County, Ohio

Project Description: CTL Engineering is currently providing total project management/procurement, construction administration, construction inspection and materials management services for the duration of the project that is located in Etna Township, Licking County, Ohio. The project consists of widening of SR 310 from 2 lanes to 5 lanes. The work includes construction of a 10 ft. Shared Use Path on the east side of the roadway construction of a new curb and gutter installation of new signals at the intersection of USR-40/SR-310 and Pike St./SR-310 as well as extension of a 10ft x 5ft precast concrete box culvert.



Project: City of Columbus, Department of Public Utilities

Client: City of Columbus

Contact: Department of Public Utilities

Phone: (614) 645-8276

Location: Columbus, Ohio

Project Description: CTL Engineering is currently providing construction administration services for various Divisions within the Department of Public Utilities. Typical projects include the replacement or rehabilitation of water distribution lines, water tank overflow improvements, and installation and/or replacement of water mains for the Division of Water; construction of green infrastructure and sanitary sewers, and replacement of hydraulic pump control valves for the Division of Sewerage and Drainage; traffic signal design and street lighting for the Division of Power; and general building rehabilitation for the Department of Finance and Management.

THE CITY OF
COLUMBUS
ANDREW J. GINTHER, MAYOR

Project: University Place

Client: West Virginia University

Contact: James Brown, General Contractor

Phone: (304) 363-4500

Location: Morgantown, West Virginia

Project Description: The project consisted of the design and construction of a new student housing complex for the growing West Virginia University student population. Project is a Public/Private Partnership between the Developer and West Virginia University and is located on University Avenue in the Sunnyside area. CTL was retained to provide the full asbestos evaluation of 22 structures & demolition plan, the geotechnical Analysis & Foundation design. CTL was also responsible for the stormwater management planning including bio-retention cell sizing and installation, utility coordination with local providers and construction observation including caisson inspections, concrete and compaction testing and structural steel inspection.



Project: University Park

Client: Paradigm Architecture

Contact: Paul Walker

Phone: (304) 284-5015

Location: Morgantown, West Virginia

Project Description: The project consisted of the design and construction of a new student housing complex for the growing West Virginia University student population. Project is a Public/Private Partnership between the Developer and West Virginia University and is located off University Avenue in Evansdale. CTL was retained to provide surveying, site grading & design, street annulments and relocation, geotechnical investigation reports, flood plain studies, and stormwater management permitting and design. CTL was also responsible for foundation recommendations and designs and the completion of an ALTA survey.



Project: WVU Medicine – Outpatient Primary Care Facility

Client: WVU Medicine

Contact: Alan Neptune

Phone: (304) 598-4125

Location: Fairmont, West Virginia

Project Description: The project consisted of the design and construction documents for an outpatient care facility in Fairmont WV. CTL Engineering of West Virginia, Inc. was retained to provide surveying and an ALTA survey, site grading & design, geotechnical investigation reports, and stormwater management permitting and design. CTL was also responsible for the Phase 1 ESA, the NPDS permitting and a design for sanitary sewer.



Project: Chaplin Hill Business Park

Client: Monongalia Co Economic Development Authority

Contact: Holly Childs, Director

Phone: 304-296-6684

Location: Morgantown, West Virginia

Project Description: CTL provided complete design and engineering services to the Monongalia County Development Authority for the Development of a 75-acre Light Industrial Park. CTL provided conceptual and final design layout for 10 – 2 to 6 AC+ building site including utilities, stormwater and sewerage collection systems, Grant Application assistance, construction management, and quality control construction observation. The Park currently has 10 active business structures and 13 property owners. The park has provided for over 500 jobs in light commercial and industrial buildings.



Project: The District – Student Apartment Complex

Client: EA Morgantown, LLC

Location: Morgantown, West Virginia

Project Description: This project is a 30-acre development for student housing that consists of 20 apartment buildings, a clubhouse with a pool and a walking trail.

CTL was responsible for permitting, including the following: Erosion and Sediment Control Permit; Highway Access Permit; Temporary Stream Crossing Permit; Right of Access and License Agreement for Temporary Culverts and Permanent Stream Crossing; 100 Year Flood Study for the Monongalia County Floodplain Development Permit; 401 Water Quality Certification; and the Section 404 Permit.

CTL also performed the Geotechnical Investigation and prepared the design for conceptual and final plans, road layout, and bridge location. CTL was also responsible for the design of a turning lane in accordance with West Virginia Department of Highways requirements, grading plans, retaining wall location, storm water systems and storm water detention.



Project: Gateway Development
Client: MAGCS, LLC
Contact: Cliff Sutherland, Owner
Phone: (304) 284-8244

Location: Westover, West Virginia

Project Description: This project is a 46-acre retail development featuring a Triple S Harley Davidson Shop, two hotels, a gas station/convenience store, various restaurants & retail stores. CTL was responsible for permitting, including the following: Erosion and Sediment Control Permit; Highway Access Permit, upgrading a county road and sanitary permitting. CTL also performed the Geotechnical Investigation and prepared the design for conceptual and final plans, road layout, and sanitary design, grading plans, survey and plat work including an Alta survey, storm water systems and storm water detention.



Project: City Engineering Services
Client: City of Westover, WV
Contact: Dave Johnson
Phone: (304) 296-6860

Location: Westover, West Virginia

Project Description: CTL Engineering of West Virginia, Inc. provided engineering services, mapping services, and storm water management services to the City of Westover for compliance to the Phase II Storm Water Permit (MS4) and for long term assessment for municipal planning. CTL also developed a Storm Water Utility to provide funding for the program. This program allowed the City to develop long and short term management plans for all storm water activity. CTL was also responsible for plan review to insure development within the City was in compliance with City code and engineering standards. CTL also provided engineering services and recommendations for the City's sewer system. CTL Engineering of West Virginia, Inc. was retained to provide sewer line surveying and mapping, sewer line capacity calculation, force main design and permitting. CTL also provided construction documents, bidding documents, meetings, awarding, and construction supervision and inspection.



Project: City Engineering Services (MS4)
Client: Town of Star City, WV
Contact: Herman Reid
Phone: (304) 599-3550

Location: Star City, West Virginia

Project Description: CTL Engineering of West Virginia, Inc. provided engineering services, mapping services, and storm water management services to the City of Star City for compliance to the Phase II Storm Water Permit (MS4) and for long term assessment for municipal planning. CTL also developed a Storm Water Utility to provide funding for the program. This program will allow the City to develop long and short term management plans for all storm water activity. CTL was also responsible for plan review to insure development within the City was in compliance with City code and engineering standards. CTL also provided engineering services and recommendations for the City's sewer system



STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CTL Engineering

Authorized Signature: *[Signature]* Date: February 21, 2019

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 21 day of February, 2019.

My Commission expires August 3, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC *[Signature]*

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.

Joe Stanley Project Manager, Business Development
(Name, Title)
Joe Stanley Project Manager and Business Development Manager
1091 Chaplin Road Morgantown, WV
(Printed Name and Title)
304-292-1135, 304-296-9302
(Address)
304-292-1135, 304-296-9302
(Phone Number) / (Fax Number)
jstanley@ctleng.com
(E-mail 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.

CTL Engineering
(Company)

Joe Stanley Project Manager, Business Development
(Authorized Signature) (Representative Name, Title)

Joe Stanley Project Manager and Business Development Manager
(Printed Name and Title of Authorized Representative)

February 21, 2019
(Date)

304-292-1135, 304-296-9302
(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CEOI 0310 DNR1900000001

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 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.

CTL Engineering

Company


Authorized Signature

February 21, 2019

Date

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