



EXPRESSION OF INTEREST

State of West Virginia Purchasing Division Solicitation No. CEOI 0310 DNR1600000012 Tygart Lake State Park Boating and Parking Improvements

Providing Innovative, Timely, Cost-effective Engineering Solutions



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BACKGROUND

Introduction

Potesta & Associates, Inc. (POTESTA) appreciates the opportunity to submit this Expression of Interest (EOI) to the West Virginia Purchasing Division for the West Virginia Division of Natural Resources (WVDNR) for design services relating to the boat ramp and parking improvements at Tygart Lake State Park in Taylor County. Our commitment is to provide quality service, rapid response and project completion, and to exceed your expectations for services performed under this project.



Understanding of Project

It is POTESTA's understanding that the existing boat ramps and parking areas at Tygart Lake State Park make it difficult for lake access and the flow of seasonal traffic to occur efficiently. The existing ramps and parking areas are in need of improvement to facilitate the safe and effective launching of recreational boats as well as increase the availability of temporary recreational parking. POTESTA envisions improved boat ramps, parking areas, and pedestrian lake access that take into the account the needs of the public as well as the durability requirements of a dynamic lake shore location.

POTESTA understands that this project must meet the constraints of a specified budget and at the same time conform to the Division of Natural Resources' (DNR) vision, objectives, and applicable codes (such as ADA compliant pedestrian access). The ideal lakeside facility should provide safe, efficient, and attractive access for the public as well as stand up to erosion and abuse, all the while making the most of available space and project budget. POTESTA understands the various project constraints and aims to provide a design that exhibits a balance between function, budget, and constructability that will serve West Virginia for generations to come.

APPROACH AND METHODOLOGY

Approach and Methodology

POTESTA's plan for developing a design can be broken down into the following stages:

- Conceptual Design and Feasibility
- Design Development
- Bid Documents
- Construction

Conceptual Design and Feasibility - During this stage we will work with DNR to establish options for several conceptual designs, as there will likely be various potential configurations for the improved boat ramps and parking areas. POTESTA anticipates completing a topographic survey of existing conditions to develop site mapping (or utilize existing mapping), as well as conduct a site visit and a preliminary geotechnical investigation (or utilize previous geotechnical information) to inform the conceptual designs. A project "kick-off" meeting with the DNR at the project site will initiate this stage.



After working with DNR to develop the options for improvements, POTESTA will prepare a summary report that describes each conceptual design, lists the relative advantages and disadvantages, and provides preliminary estimates of probable construction costs for each option.



Throughout this "brainstorming" stage of conceptual design, POTESTA anticipates major changes as the design evolves and options are weighed by their feasibility, cost, and the degree to which they meet the project objectives. Based on POTESTA's summary report of the conceptual design options, DNR can provide comments and select the preferred option before proceeding to the next stage of design development.

Design Development - During this stage of design, POTESTA will begin to develop detailed drawings for the design. Typically, items such as parking layout, pedestrian access, boat ramp anchoring materials, preliminary site grading, and miscellaneous construction details are developed.

Based on the conceptual design and DNR's previous input, POTESTA will provide DNR with a design development drawing submittal that will include preliminary drawings including a site layout, grading plan, roadway and boat ramp profiles, site cross section(s), storm water management plan, erosion and sediment control plan, and miscellaneous details. Along with the preliminary drawing package, POTESTA will refine the estimate of construction costs and work with DNR to make necessary material/layout changes to allow for the design to stay within the project budget.

APPROACH AND METHODOLOGY (CONT.)

The level of detail of this drawing package is typically sufficient for most permit applications/submittals (e.g., Army Corps of Engineers, WVDEP, WV SHPO, county/city floodplain coordinators, WVDOH - dependent on site). During this stage, POTEESTA will prepare the required permit applications to allow for adequate review and comment periods before construction. Once DNR has reviewed the design development submittal and provided comments, POTEESTA will prepare to move to the next stage of the design, Bid Documents.

Bid Documents - Following the design development stage, POTEESTA will work to progress the drawings to "bid-level" detail. DNR will only be required to provide minor input while POTEESTA puts the finishing touches on the plans and prepares technical specifications (or drawing notes as specifications) and contract documents to allow the project to move to bid.

Once the permit applications that were submitted in the previous stage have been approved and the drawing set is finalized, POTEESTA will assemble a bid package and provide to the DNR for review prior to the advertisement for bid.

Once DNR has approved for the bid documents to be finalized, POTEESTA will assist in conducting the pre-bid meeting, respond to bidders' questions, issue the necessary addenda, and assist DNR in evaluating the bids throughout the bidding process.

Construction - POTEESTA also offers construction administration and monitoring services that will allow construction to progress smoothly. We have found that facilitating communication between the owner, contractor, and engineer during construction helps lead to quick resolution of issues that can arise during the construction phase. POTEESTA can provide quality assurance testing (e.g. soil compaction, concrete, asphalt), construction observation, as well as review of pay applications and shop-drawings to ensure that products and materials conform to the design and that the specified material standards are met.

As the design process follows the steps outlined above, POTEESTA will emphasize regular communication with the DNR to ensure that expectations are being met, the project timeline is being maintained, and the project budget remains intact. We believe that through regular communication with DNR, we can exceed the project expectations and provide a cost-effective design solution for the Tygart Lake State Park improvements.



EXPERIENCE

Experience

POTESTA was founded in 1997 as a full service engineering and environmental consulting firm headquartered in Charleston, West Virginia. We have now expanded to a diverse staff of more than 100 experienced engineers, scientists, and support personnel with branch offices in Morgantown, West Virginia and Winchester, Virginia. Among our staff are 17 Licensed Engineers, 5 Licensed Remediation Specialists as recognized by the West Virginia Department of Environmental Protection, 3 Geotechnical Engineers, 9 CADD Designers, 15 Surveyors, and 14 field technicians. Approximately 80 percent of our business is from returning clients with a high level of satisfaction. Staff resources from both our Charleston and Morgantown offices will be utilized for the successful completion of this project.



Areas of Expertise:

- Civil/Site Design
- Geotechnical Analysis and Design
- Surveying/GIS Mapping
- Permitting
- Environmental Site Assessments and Remediation
- Water and Wastewater Engineering
- Environmental Sampling
- Biological and Toxicological Services

POTESTA's engineers and environmental scientists have successfully participated in numerous lake and river projects, including design of a boat ramp in the Town of Granville, on the Monongahela River. POTESTA was selected by the West Virginia Department of Natural Resources to prepare design documents and a bid package to pave a parking and boat launch area at Cheat Lake in Monongalia County. We also provided subsurface exploration, coordination of laboratory testing, and preparation of a geotechnical report in support of the Waterfront Marina on the Monongahela River in Morgantown.

Brief descriptions of these projects among other related projects are included in the Project Abstracts which are included in **Appendix A**.

POTESTA carries a full line of insurance coverage as listed on Page 19 of the EOI documents. These certificates and any addition insurance requirements contained in the specifications will be provided prior to Contract award. **Appendix C** contains a sample certificate of insurance.

CLOSING

Closing

POTESTA is grateful for the opportunity to be considered for the Tygart Lake State Park improvements project. We are proud to be involved with local community projects of all sizes. Our employees are active in the community and take pride in developing safe access to, and protection of, the natural resources of West Virginia. We will make sure this project receives priority and that regular communication and project updates are provided to the DNR to allow for a project that both moves quickly and stays under budget. We know that communication is the key to successful projects like this one. Our key personnel will remain in close contact with DNR personnel throughout the entire project. Please see attached resumes of POTESTA's key personnel and the project organizational chart located in **Appendix B** of this EOI.

POTESTA's experienced engineers, scientists, and technical professionals have successfully completed many river, lake, and reservoir projects and know that each pose unique challenges. We believe the combination of our approach and our experience makes us the most qualified group for this project. We look forward to serving the West Virginia Department of Natural Resources and working together to improve Tygart Lake State Park.

References

Ronald Snyder:

Town of Granville
Municipal Administrator
Phone: 304-599-5080
Email: rwsnyder301@comcast.net

Nick Estes:

WVDEP-AML
Phone: 304-926-0499, Ext. 1521
Email: Nick.R.Estes@wv.gov

David McCoy:

WVDEP-Special Reclamation
Phone: 304-457-3219, Ext. 43218
Email: David B. McCoy@wv.gov



GRANVILLE BOAT RAMP MONONGAHELA RIVER

*Town of Granville
Monongalia County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Granville to provide civil engineering design services for a new public boat ramp and river access area in Granville, West Virginia. The single lane, 100-foot by 20-foot, ArmorFlex® paving boat ramp also includes a paved access roadway and turnaround area, providing public access to the Monongahela River off of Main Street (Route 100) in downtown Granville. The project also included a non-potable dry hydrant assembly for filling fire trucks and municipal equipment.



Monongahela River – Project Site Before Construction

- **Surveying** – Topographic mapping of the project area.
- **Coordination and Consulting** with Various Groups/Agencies – Working with the City of Morgantown Floodplain Coordinator, coordination with landowner(s), the Army Corps of Engineers, and contractors to facilitate communication and compliance during the design process. Also, attendance of pre-bid and pre-construction meetings to assist the client in bid review and decision making.
- **Civil Site Design and Construction Documents** – Entrance/roadway design and grading plan including cut/fill for the construction site, roadway and boat ramp profile, and construction documents.
 - Construction Detail Drawings – Site plan and profile; ArmorFlex® paving section and profile; pavement plan and detail; dry-hydrant plan, profile, and pipe trench detail; erosion and sediment control details.
 - Engineer's Cost Estimate – Probable estimate of construction costs, including line items and estimated unit prices, and miscellaneous costs to estimate the total cost of project completion.
 - Technical Specifications – For project work/materials such as asphalt pavement, ArmorFlex® paving, dry hydrant assembly, earthwork, drainage, and expectations of the contractor.
 - Bid Documents – Preparation of bid tables, contract documents, and review of contractors' bids.
- **Construction Observation/Administration** – Various services during the construction phase including shop drawing review, schedule coordination between client and contractor(s), review of pay applications, and on-site inspection and materials testing (compaction, concrete, etc.).

POTESTA & ASSOCIATES, INC.

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Project Abstract

WATERFRONT MARINA

Paradigm Architecture

Morgantown, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Paradigm Architecture to provide geotechnical engineering associated with the proposed Waterfront Marina to be located in Morgantown.



POTESTA's scope of services included a subsurface exploration, coordination of laboratory testing, and preparation of a geotechnical report. The drilling activities involved drilling adjacent to a rail trail managed by the Morgantown Board of Parks and Recreation, as well as borings located within the Monongahela River. POTESTA subcontracted drilling to Pennsylvania Drilling which drilled three (3) borings from a barge along with several locations along the river bank and adjacent to the trail..

Foundation recommendations were provided for the proposed buildings, as well as anchors for the proposed docks. Recommendations were also provided for site work including earthwork and infiltration for possible storm water management devices.



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DAM INSPECTIONS FOR COOLFONT (LAKE SIRI) DAM

Coolfont Resort

Berkeley Springs, Morgan County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Coolfont Resort to perform a dam inspection for the Coolfont (Lake Siri) Dam near Berkeley Springs, Morgan County, West Virginia. Lake Siri is a large recreational lake at the Coolfont Resort. The Lake Siri Dam is an earth fill embankment that has dam height of approximately 23 feet and has a maximum capacity of 301 acre-feet that impounds Sir John Run, a tributary of the Potomac River.

POTESTA's services included:

- Submitted Freedom of Information Act (FOIA) request to the West Virginia Department of Environmental Protection Dam Safety Section (Dam Safety), and performed file reviews to obtain copies of past inspection reports, drawings and other pertinent information available in order to obtain a better understanding of the dam.
- Met with client's representatives familiar with the dam, to obtain additional information pertaining to the operation, maintenance, and history of the dam.
- Visited the site to conduct visual observation of the Dam's crest, upstream/downstream embankment slopes, abutment areas, and principal and emergency spillway structures to identify deficiencies and potential hazards.

POTESTA then prepared and submitted dam inspection reports in accordance with the Dam Safety Regulations. The report included visual observations made during the site visit, photographs, our opinions and conclusions relative to the condition of the dam, recommendations for correcting deficiencies and suggestions for future maintenance of the dam, and an engineer's certification statement.



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WEST FORK RIVER WATERSHED SURVEY

Client Confidential

West Fork River - Lewis, Harrison and Marion Counties, West Virginia

Potesta & Associates, Inc. was retained to assess the water quality and determine potential sources of impairment in a 73-mile reach of the West Fork River. A survey of the West Fork River watershed was conducted to determine potential sources of impairment to the water quality and biota in the river. The basin wide study involved water quality and benthic macroinvertebrate surveys throughout the watershed, as well as compilation and review of historical water quality and flow data. A compilation of existing data from the US Army Corps of Engineers and the USGS gaging stations on the river show a significant correlation between flow and some water chemistry parameters which may result in impairment of the in-stream biological community. The historical data which has been compiled will be compared with ongoing monitoring in the watershed to establish water quality trends in the West Fork River.



This project illustrates POTESTA's ability to develop and implement watershed scale monitoring programs. The ongoing monitoring in the watershed further illustrates our ability to develop and implement monitoring programs which are acceptable to the regulatory agencies.

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EDUCATION

- M.S. Civil Engineering, 1979
West Virginia University
- B.S. Civil Engineering, 1978
West Virginia University

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon
1979-1994 GAI Consultants, Inc.
1978-1979 West Virginia University
1976-1977 West Virginia Department of Highways
(summers)

PROFESSIONAL REGISTRATIONS

- Professional Engineer – West Virginia, Illinois
Professional Surveyor – West Virginia

PROFESSIONAL CERTIFICATIONS

40-Hour Health and Safety Training

AREAS OF SPECIALIZATION

Management of design and permitting of civil, environmental, geotechnical, and mining engineering projects. Siting, design, and permitting of industrial and municipal waste disposal sites; reclamation of abandoned mine lands; and development of stormwater management

plans and groundwater sampling programs. Environmental/reclamation liability assessments. Development of site plans for commercial and industrial facilities including hydrologic and hydraulic analyses. Expert witness testimony. Directs engineering division including day-to-day operation of headquarters and three branch offices concerning staffing, coordination, training, business development; and overall management of technical and support staff.

PROFESSIONAL EXPERIENCE

Civil/Site Design

University of Charleston – Principal-in-Charge for the following projects:

- Development of topographic mapping of campus
- Evaluation of storm sewer system
- Civil site services – UC Pharmacy School, New Hall, Middle Hall, and Brotherton Hall
- Design of new campus entrance roadway

Marshall University – Principal-in-Charge for the following projects:

- 400 bed housing project
- Biotechnology Center
- Fifth Avenue parking and 6th Avenue parking facility
- Jomie Jazz Center
- Childcare Center
- Mid-Ohio Valley Center
- Campus landscape master use plan
- Campus improvements project
- MU Graduate College South Charleston campus
- Student Center and Henderson Center
- Bookstore addition
- University Heights

Glenville State University – Principal-in-Charge for the following projects:

- Student Residence Hall
- Athletic Convocation Center and Forestry/Survey Class Center

The Villages at Coolfont – Principal-in-Charge to provide environmental and engineering consulting services for the redevelopment of the Coolfont Recreation property in

Morgan County, West Virginia to create a second home community with high-end amenities.

Tucker County Industrial Park – Principal-in-Charge for the design which included water and sewer lines, stormwater management design, roadway design, pavement design, site grading plan, master plan, and geotechnical exploration/foundation recommendations.

Principal-in-Charge for site grading plans, stormwater management system, site surveying, roadway/parking lot design, wetland delineation/mitigation, and construction monitoring for the 400,000 square foot Coldwater Creek distribution center in Parkersburg, West Virginia.

Principal-in-Charge for the civil/site design for the new Sissonville Middle School in Kanawha County, West Virginia. Project included site grading plan with more than 230,000 cubic yards of earthwork to obtain 20 acres of level ground for a 74,000 square foot school, football field, soccer field, baseball field, access roadways, and parking areas. Project included utility designs for water service and sanitary and sewer. Stormwater collection systems and erosion and sediment control plan/permit completed.

Principal-in-Charge for civil/site design for new Riverview High School and Bradshaw Elementary School in McDowell County, West Virginia. Project included 2,500 linear feet of relocated WV Route 80, relocation of 1,200 feet of Oozley Branch, and site work (grading, stormwater drainage, geotechnical recommendations, sanitary sewer, water, and electrical services) to serve the two schools. Project design included site survey, geotechnical exploration, foundation recommendations, design of excavation slopes, layout of schools, parking areas and athletic fields, utility design, roadway relocations plans, and stream relocations plans. Responsible for the design and preparation of contract bid documents (specifications and drawings) for civil/site work. POTESTA served as a subconsultant to ZMM on this project.

Principal-in-Charge for civil/site design and permitting associated with the construction of three synthetic fuel pellet plants in McDowell County, Nicholas County, and Kanawha County, West Virginia.

Carmeuse Lime & Stone – Principal-in-Charge of engineering and environmental services for the expansion of current quarry operations at Winchester quarry in Winchester, Virginia. The expansion includes the addition

of two new vertical lime kilns and associated equipment, increasing their current aggregate crushing operation, and expanding their rail system to allow for increased shipping of product.

Geotechnical

Subsurface exploration, evaluation, and design of remedial measure for landslides:

- Soldier beam and lagging retaining walls
- Gabion walls
- Grade/drain/compact in-place
- Geo-grid reinforcement with grade/drain/compact in-place

West Virginia University – Principal-in-Charge for the following projects:

- WVU Intermodal Parking Garage on the Medical Center Campus – geotechnical and civil engineering
- WVU Engineering Building – geotechnical evaluation

Principal-in-Charge for Williamson Landslide Project involving an abandoned mine land site. Geotechnical exploration and design of 480-foot long soldier beam and lagging retaining wall with tiebacks to support loose mine spoil backfill along the edge of a previously mined area with steep terrain. Project was required to protect an existing 125-bed nursing home facility.

NPDES Industrial/Municipal Permitting

Completed NPDES renewal permitting and associated agency negotiations for several facilities.

Plasma Processing Corporation – Management of numerous projects in Ravenswood, West Virginia including:

- Subsurface exploration and preparation of soils report
- NPDES Permit
- Development of sampling program for Plasma to follow in obtaining samples for NPDES Stormwater Analyses
- Development of hazardous waste operations manual
- Acquisition of WV Air Pollution Commission permits
- Environmental audit of facility operations



EDUCATION

- M.S. Civil Engineering, 1995
West Virginia University
- B.S. Civil Engineering, 1993
West Virginia University

EMPLOYMENT HISTORY

- 2003-Present Potesta & Associates, Inc.
2000-2003 CTL Engineering, Inc.
1997-2000 Potesta & Associates, Inc.
1994-1997 Terradon Corporation

PROFESSIONAL REGISTRATIONS

Professional Engineer – West Virginia, Pennsylvania,
Maryland, Ohio, and Kentucky

AREAS OF SPECIALIZATION

Involved with many aspects of civil engineering with a special interest in the geotechnical/environmental aspects. Responsibilities have included projects involving Civil Site Design, Geotechnical Design; Solid Waste Management Facility Design including geosynthetic applications; hydrologic, hydraulic design; transportation/highway projects, including geotechnical and right-of-way plans; and municipal water and wastewater projects.

PROFESSIONAL EXPERIENCE

Geotechnical

Engineer responsible for performing subsurface investigations, preparation of geotechnical reports, coordinating laboratory analysis programs, providing recommendations for lateral earth pressures, bearing capacities, modulus of subgrade reactions, settlements, and construction specifications for multi-story structures. Foundations considered have included steel H-piles, auger-cast piles, drilled piers, spread footings, and mat foundations.

- Rubbermaid Distribution Center Addition – Winchester, VA
- WVU Transportation Center/Parking Garage – Morgantown, WV
- Sunnyside Commons Student Housing (included three multi-story buildings, parking, and 43,000 sq. ft. of retaining walls) – Morgantown, WV
- WVU Engineering Building East Addition – Morgantown, WV
- Glenville State College Health & Sciences Building – Gilmer County, WV
- Glenville State College Residence Hall – Gilmer County, WV
- Christy Street Office Building – Morgantown, WV
- Harry Green Nissan Dealership Building Addition – Harrison County, WV
- Elkins Dodge Dealership – Randolph County, WV
- Cheat Lake Elementary School Building Addition – Monongalia County, WV
- West Run Student Housing (including 16 buildings, parking areas, and 50,000 sq. ft. of retaining walls) – Morgantown, WV
- Fairmont Federal Credit Union – Bridgeport, WV
- Morgantown Waterfront Marina – Morgantown, WV
- Suncrest Executive Office Plaza and Parking and Garage – Morgantown, WV
- WVU Research Park – Morgantown, WV
- Marriott Hotel – Morgantown, WV
- Bucks Tavern – Morgantown, WV
- Wendy's Restaurant – Morgantown, WV
- Sunoco Service Station – Robinson Township, PA
- Oak Hill Public Library – Oak Hill, OH
- Westside High School – Oceana, WV
- U.S. Equipment Distributors – Huntington, WV
- WVU Luxury Box for Mountaineer Field – Morgantown, WV

- Marshall University Mid-Ohio Valley Center – Point Pleasant, WV
- Arbor Terrace Assisted Living Facility – Charleston and Huntington, WV
- Pocahontas County PSD Wastewater Treatment Plant – Snowshoe, WV
- Monongalia General Hospital Expansion and Access Road – Morgantown, WV
- Kasson Elementary/Middle School Repair Project – Kasson, WV
- North Marion Vocational/Technical Center School Repair Project, Marion, County, WV

Responsible for the coordination of subsurface investigation, laboratory testing program, slope stability analysis and preparation design documents associated with the repair of landslide at various site throughout West Virginia. Representative designs have included soldier beam and lagging retaining walls, gabion basket retaining walls, segmental block retaining walls, rock toe keys and buttresses, and drainage improvements. The following provides a list of representative projects:

- Bowser Street Landslide Repair - Town of Granville – Monongalia County, WV
- Marshall Portal Access Road Landslide Repair – Greene County, PA
- Weekley Well Pad Landslide Repair – Wetzel County, WV
- Shupbach Ridge Road Landslide Repair – Wetzel County, WV
- Mills Wetzel # 2 Well Pad Landslide Repair – Wetzel County, WV
- Potts Well Pad Landslide Repair (2 separate landslides) – Wetzel County, WV
- Haynes Branch Gas Line Landslide Repair – Wetzel County, WV
- Decker's Creek Mine Stockpile Area Landslide Repair – Preston County, WV
- Columbia Gas Transmission – Well #7331 Slide Repair, Elkview, WV

Involved with the layout of the boring plan, staking borings in the field, preparation of the boring contract documents, soliciting bids, awarding drilling contracts, monitoring of drilling operations, coordination of laboratory testing programs, preparation of boring diagrams, and preparation of subsurface exploration report foundation recommendations and slope reviews for various West Virginia Department of Transportation Projects:

- Platinum Drive Urban Connector – Bridgeport, WV
- Segment of WV State Route 2 – Moundsville, WV
- Segment of National Road – Wheeling, WV
- Segment of North Bridgeport Bypass – Bridgeport, WV
- Corridor H, Section IV – Davis, WV
- Sulphur Springs Bridge – Hundred, WV
- Dry Run Interchange – Martinsburg, WV
- Interstate 81 Hainsville, Bessemer & Tuscorora Creek Bridges – Martinsburg, WV

Civil/Site Design

Project Manager/Engineer on numerous projects involving most aspects of site development. Involvement has included civil/site design, geotechnical aspects, hydrology/hydraulics, permitting, erosion/sediment control/ permitting, etc.

- University Place Parking Garage – Morgantown, WV
- Sunnyside Commons Student Housing Project (included 5 multi-story buildings, 268 parking spaces, and 43,000 sq. ft. of retaining walls) – Morgantown, WV
- Coombs Farm Residential Development – Morgantown, WV
- Morgan Point Residential Subdivision – Morgantown, WV
- Town of Granville Boat Ramp Project – Granville, WV
- West Run Student Housing – 1,000 bed student housing project, Morgantown, WV
- Copper Beech Student Housing – 1,000 bed student housing project, Morgantown, WV
- Summit at Cheat Lake Residential Development – Morgantown, WV
- Sleepy Hollow Residential Development – Morgantown, WV
- Shiloh Residential Development – Morgantown, WV
- Mayfield Estates Residential Development – Morgantown, WV
- Cheat Landing Residential Development – Morgantown, WV
- Churchhill Village Complex – Morgantown, WV
- Trinity Christian School Football Field – Morgantown, WV
- Morgantown Technical Services Industrial Expansion – Mt. Morris, PA
- WVU Beechhurst Parking Lot – Morgantown, WV

CHRISTOPHER A. GROSE, L.R.S.

Senior Engineering Associate



EDUCATION

- M.S. Geological Engineering, 1990
University of Missouri-Rolla
- B.S. Civil Engineering, 1988
West Virginia Institute of Technology

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon Corporation
1990-1994 GAI Consultants, Inc.
1989-1990 University of Missouri-Rolla
1989 Triad Engineering Consultants
(summer)
- 1988 West Virginia Institute of Technology
1983-1988 Clint Bryan & Associates Architects
(summers)

PROFESSIONAL REGISTRATIONS

Licensed Remediation Specialist – West Virginia

PROFESSIONAL CERTIFICATIONS

Hazardous Waste Site Operations and Superfund Worker Protection Training
American Red Cross Standard First Aid and CPR
Troxler Moisture-Density Gauge

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Association of Engineering Geologists
Society of America Military Engineers

AREAS OF SPECIALIZATION

Geological/Geotechnical engineering related to subsurface exploration studies, soil and rock slope design, landslide causation studies, foundation system design, surface/subsurface hydrogeology, ground subsidence, contaminant transport and groundwater flow modeling. Geological study of hazardous waste remediation sites, CERCLA/SARA, RI, and FS report compilation, geological and geotechnical aspects of siting and design of municipal and industrial waste landfills.

PROFESSIONAL EXPERIENCE

Geotechnical

Forensic study, expert testimony, and legal support related to the failure of numerous soil/rock slopes throughout West Virginia. This work included extensive review of relevant project case documents, site reconnaissance visits, interviews with project personnel, and deposition testimony.

Crichton & Crichton – Landslide formed along a wooded hillside below a residential driveway on Pleasant Lane in Wood County, West Virginia. The slope failure was noted during a substantial leak in an existing water main. The work included a review of case documents, interviews with various residents (plaintiffs in the case) and the development of supporting causation theory for the formation of the landslide. The work also includes the development of repair alternatives and associated construction estimates to be considered during the dispute hearing between the plaintiff and defendants.

Responsible for development of geotechnical and geological recommendations as well as development of stabilization designs for a number of failed soil/rock slopes in West Virginia. This work included initial site reconnaissance visits, development of a subsurface exploration study and materials testing program, evaluation of stabilization alternatives, and construction plan preparation.

Travelers Insurance/City of Charleston – Project included a subsurface exploration study, engineering design, and global stability evaluation of a failed soil slope in a residential neighborhood on Bona Vista Drive for the City of Charleston, West Virginia. The slide was caused by a water main break along an existing residential neighborhood paved roadway. The recommended slope stabilization method was to install a soldier beam and lagging retaining wall along an existing paved roadway (supporting the buried utilities) with the remainder of the failed slope below being removed and replaced with compacted soil backfill.

Stone Energy Pribble Tank – Work included the exploration and study of a failed soil/weathered rock slope which was loaded through the placement of fill near the top of the slope to provide adequate area for the construction of 2- 2,400,000 gallon water storage tanks in New Martinsville, West Virginia. Shortly following the installation of the tanks a large section of the hillside failed leaving one of the tank foundation partially unsupported. Following the subsurface exploration and drilling work, a stabilization plan was developed which included the removal of the failed soil mass (>50,000 CY) followed by the replacement of compacted soil material behind a large toe key and buttress. The repair also included surface diversion drainage ditches and numerous bond benches along the underlying rock line which were fitted with under drains to collect subsurface seepage.

NiSource/Columbia Gas Pipeline Group SM-80 Loop Gas Transmission Line – Development of a subsurface exploration and drilling plan to determine the extent and depth of a soil and weathered rock slope failure which threatened the performance and stability of a 30-inch high pressure natural gas transmission line in Kanawha County, West Virginia. The slide location was remote and situated along a steep hillside. The stabilization plan recommended the use of soil nail technology due to the remote location and rather inaccessible nature of the location. This repair and stabilization technique allowed for the insitu repair of the failed slope without extensive excavation and backfill which was deemed difficult and would have required more land disturbance resulting in additional slope stability concerns.

City of Charleston – Geotechnical assessment and development of regrading construction plans for the repair of a failed soil slope below Grandview Drive for the City of Charleston, West Virginia. The slope failure occurred between two adjacent residential structures and

encompassed a sanitary sewer main as well as a storm drainage pipe receiving storm drainage from Grandview Drive. The stabilization plan involved the removal of the failed mass beginning at the toe of the slope and then working progressively upslope to result in a stabilized and regraded slope surface. The work require the removal of all failed material to the underlying rock surface and included the installation of a shot rock toe buttress which was installed along a natural topographic bench near the toe. Following completion of the work the affected utilities were installed either below the fill material or outside the regraded slide area.

Greer Industries Cheat River Quarry Haulroad – Project included the development of stabilization and repair recommendations for a failed soil slope which impacted a critical haulroad utilized by the quarry operator to move raw shot rock material from the quarry to the crusher at the aggregate plant in Rowlesburg, West Virginia. The landslide occurred as a result of the failure of a cross drainage culvert in the haulroad. The failed soil mass was removed to the underlying bedrock and following installation of a stone toe buttress and toe key, the material was blended with aggregate material from the plant and placed in compacted lifts. The underlying rock surface was excavated to result in a series of “bond benches” allowing for the installation of underdrains below the compacted fill to collect groundwater and seepage from the underlying rock. This prevented saturation of the fill material.

Responsible for the design, management, and inspection of a geotechnical investigation of a proposed five mile rail extension located in Nicholas County, West Virginia. Investigation included study and design of planned rock cuts, and track foundation materials.

General Services Administration – Site evaluation, including continuous HNU scanning of collected soil samples and installation of piezometers for two proposed sites near Charleston, West Virginia.

West Virginia Department of Environmental Protection – Foundation design for a proposed 1,000,000 gallon potable water storage tank and valve pit near Cassidy, West Virginia.

Rhone Poulenc Ag Company – Subsurface sample collection, resistivity measurements, explosivity measurements, and decontamination procedures for an organic contamination study at Institute, West Virginia.

EDUCATION

B.S. Civil Engineering, 1982
West Virginia University

EMPLOYMENT HISTORY

2014-Present Potesta & Associates, Inc.
2006-2014 Hatch Mott MacDonald
1987-2006 CTL Engineering
1978-1987 George E. Pigott & Associates

PROFESSIONAL REGISTRATIONS

Engineer in Training – West Virginia

TRAINING/RELEVANT COURSE WORK

Natural Stream Channel Design Levels I-IV

AREAS OF SPECIALIZATION

Civil, environmental, surveying, and geotechnical engineering experience with an emphasis in project management and coordination of environmental permitting/compliance, hydraulic and hydrological analysis, slope stability analysis, geotechnical design, Phase I environmental audits, stormwater management, municipal water and sewer design, civil site design, water resources analysis/design, and construction monitoring/observation.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Senior Engineer/Project Director with experience on numerous civil/site design projects involving various aspects of site development for residential, commercial, and public development projects.

Lake Floyd Homeowners – Senior Engineer on dredging project for remediation of lake sedimentation at Lake Floyd. Project includes wetland and stream delineations, Section 404 Permit, sediment disposal area design, and coordinating bidding and construction phases of project.

American Campus Communities Student Housing – Senior Engineer for civil/site portion of this project at West Virginia University, Morgantown, West Virginia. Project

includes geotechnical investigations, survey, permitting, construction specifications, design drawings, city planning, and project coordination.

University Place Parking Garage – Senior Engineer for civil/site portion of this project at West Virginia University, Morgantown, West Virginia. Project includes geotechnical investigations, survey, permitting, construction specifications, design drawings, city planning, and project coordination.

Davis and Elkins College – Senior Engineer for civil site project at Davis and Elkins College in Elkins, West Virginia for the site development and permitting associated with a proposed amphitheater on campus.

Cirrus Energy Group – Project Director responsible for coordination and oversight of field and office activities associated with risk assessment study, environmental permitting, preliminary engineering studies, and conceptual planning for a 1,100 acre data center complex in Fox and Horton Townships in Elk County, Pennsylvania.

Harrison County Planning Commission - Project Director responsible for the coordination and design of Phases 1 – 3 of the Rail Trail project in Harrison County, West Virginia. Project included engineering design, modeling, permitting, and construction observation services.

Construction Monitoring

Project Manager/Senior Engineer with an understanding of construction observation on public, private and government construction projects.

Camp Dawson – Quality Control Manager for the construction of the Student Training Facility at Camp Dawson, Kingwood, West Virginia. The project included all quality control and construction monitoring for the six building facility along the airstrip at Camp Dawson.

University Place, LLC – Senior Engineer responsible for coordination of the construction monitoring and testing of the concrete and soils at this parking garage at West Virginia University, Morgantown, West Virginia.



EDUCATION

- M.S. Aquatic Ecology, 1990
Marshall University
- B.S. Biological Sciences, 1986
West Virginia State College

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1990-1997 Terradon Corporation
1990 Union Carbide Corporation
1988-1989 Marshall University

PROFESSIONAL CERTIFICATIONS

- OSHA Hazardous Waste Site Operations Supervisor Training
OSHA 40-Hour Hazardous Waste Site Operations Workers Training

AREAS OF SPECIALIZATION

Air and water pollution control permitting and regulatory compliance, SARA III reporting and regulatory compliance, wetland delineation and permitting, air pollution control permitting and regulatory compliance, and environmental compliance manual preparation and training.

PROFESSIONAL EXPERIENCE

Water Pollution

Preparation of pollution prevention plans for the control of storm water and ground water pollution for three synthetic fuel production facilities in West Virginia.

Evaluation, sampling, pre-treatment permitting, and treatment selection for process wastewater and storm water non-compliance issues at a bronze foundry in Preston County, West Virginia.

Evaluation of process wastewater sludge, sludge handling, and treatment alternatives for a poultry processing facility in Hardy County, West Virginia.

Notice of violation response and negotiation with the Division of Environmental Protection for a block-making facility in Charleston, West Virginia.

Evaluation and preparation of formal comments to the EPA on draft Total Maximum Daily Loads for the Blackwater River, the South Fork of the South Branch of the Potomac River, Lost River, and the South Branch of the Potomac River.

Prepared sampling plans and oversaw sampling activities for metals translator studies for various facilities in West Virginia:

- White Flame Energy
- Creo Manufacturing America, LLC
- City of Follansbee, West Virginia
- Greer Industries, Inc.

NPDES Industrial/Municipal Permitting

Prepared Industrial NPDES permit, modification, and renewal applications for various facilities in West Virginia:

- Hester Industries, Inc.
- City of Martinsburg, West Virginia
- Alpharma
- Ash Block, Inc.
- DTC Environmental Services
- WW Boxley Company
- Akzo Nobel Chemical, Inc.
- Go-Mart, Inc.
- Cytec Industries, Inc.

Calculated Reasonable Potential Values and Water Quality-Based Effluent Limitations, and negotiated NPDES permit terms and conditions for various facilities in West Virginia:

- GE Silicones WV, LLC
- Cytec Industries, Inc.
- Creo Manufacturing America, LLC
- City of Martinsburg, WV
- City of Follansbee, West Virginia

Prepared applications for registration, renewal and modification under the NPDES General Storm Water Permit for various facilities in West Virginia and Virginia:

- Parks Corporation
- Poor Charlie & Company
- Riverside Technologies, Inc.
- PC West Virginia Synthetic Fuels No. 1, LLC
- PC West Virginia Synthetic Fuels No. 2, LLC
- PC West Virginia Synthetic Fuels No. 3, LLC
- PC Virginia Synthetic Fuels No. 1, LLC
- Greer Industries, Inc.
- Enron Global Markets, LLC
- Potomac Construction Industries, Inc.
- Constellation Power Development
- J.F. Allen Company
- Tetra Technologies, Inc.
- Shelly & Sands, Inc.

Prepared applications for registration under the WV/NPDES General Storm Water Permit for Construction Activities for various facilities in West Virginia:

- Greer Industries, Inc.
- Sulphur Creek Development
- PC West Virginia Synthetic Fuels No. 1, LLC
- PC West Virginia Synthetic Fuels No. 2, LLC
- PC West Virginia Synthetic Fuels No. 3, LLC
- Enron Global Markets, LLC
- Constellation Power Development

Environmental Compliance

Prepared environmental compliance documents for facilities in West Virginia and Ohio:

- Greer Industries, Inc.

- CH2M Hill
- PC West Virginia Synthetic Fuels No. 2, LLC
- Creo Manufacturing America, LLC
- SDR Plastics, Inc.
- West Virginia Forestry Association
- Koppers Industries

Benthics

Benthic macroinvertebrate studies in the South Branch of the South Fork of the Potomac River related to the impact of the discharge from a poultry processing facility in Moorefield, West Virginia.

ESAs (Phase I and II)

Conducted Phase I Environmental Site Assessments on various properties in West Virginia (site contaminants included metals, fuels and organic chemicals):

- Hester Industries, Inc.
- Parks Corporation
- Juliana Glass
- Resource Developers and Consultants, Inc.
- Barrack's Auto
- Go-Mart, Inc.

Conducted Phase II Environmental Site Assessments and/or limited remediation of properties in West Virginia:

- Hester Industries, Inc.
- Juliana Glass
- Barrack's Auto



EDUCATION

- M.S. Biology (Emphasis in Aquatic Ecology and Toxicology)
Virginia Polytechnic Institute and State University
- B.S. Biology/Chemistry
Fairmont State College

EMPLOYMENT HISTORY

- 2000-Present Potesta & Associates, Inc.
1998-2000 Biological Monitoring, Inc.
1995-1998 Virginia Tech
1994-1995 Center for Environmental and Hazardous Materials Studies

PROFESSIONAL CERTIFICATIONS

- Certified Hydric Soil Investigator
Certified Wetland Botanist
Certified Wetland Delineator
Certified Wetland Hydrologist

TRAINING/RELEVANT COURSE WORK

- River Morphology and Applications, Wildland Hydrology
Applied Fluvial Geomorphology, Wildland Hydrology
Methods for Stream Assessment and Analysis, WVU
Introduction to Natural Stream Channel Design, WVU
Advanced Stream Design, WVU
Fluvial Geomorphology, WVU

PROFESSIONAL AFFILIATIONS

- Society of Freshwater Scientist
Society of Environmental Toxicology and Chemistry

AREAS OF SPECIALIZATION

Clean Water Act (CWA) permitting, compliance, including water pollution control permitting and regulatory compliance, stream and wetland delineation, and permitting (including mitigation), state water quality regulations, threatened and endangered species compliance, cultural and historic resource coordination, development of large scale environmental risk assessments, environmental assessments, biological assessments, environmental impact studies and other National Environmental Policy Act (NEPA) documents (noise, cumulative impacts, aesthetics), development of biological studies, toxicity evaluations.

PROFESSIONAL EXPERIENCE

NPDES Industrial/Municipal Permitting

Worked as part of a permitting team that prepared new, modified, and renewed (reissued) National Permit Discharge Elimination System (NPDES) permits for various clients in the energy and commercial sectors. Specific areas include water monitoring and narrative criteria applications, toxicity (standard bioassays, as well toxic identification studies), aquatic ecosystem protection, biological studies, watershed hydrology, water quality, groundwater and surface water inventories, long-term flow studies, site specific water quality criteria and or variances, mixing zones, database management and adaptive management plans.

Surface Water Sampling

Supervised multiple water quality monitoring programs. Projects have included oversight and management of sampling teams for pre-construction baseline, routine and special study water quality monitoring projects including non-traditional monitoring techniques such as sediment respiration. Many of the projects have included a database management and compliance component.

Risk Assessment

Completed large scale risk assessment in watersheds in Kentucky, West Virginia, and Virginia for associated with impacts to waters. Assessments included the use of biological monitoring (fish and benthic macroinvertebrates (including mussels)), acute and chronic toxicity testing, sediment toxicity testing, juvenile mussel toxicity testing, entrainment studies, water quality monitoring, water quality modeling, and specialized sediment sampling which included both physical and chemical characterizations. These projects have required large scale data integration, database management with an ArcGIS component.

Threatened/Endangered Species

Completed biological assessments for mussel species in the Kanawha and Gauley Rivers, as well as a document similar to a biological assessment for the Big Sandy River watershed. Completed biological assessments for bat species in West Virginia for various clients. Prepared appropriate documentation for Section 7 consultations with the United States Fish and Wildlife Service for various regulated entities.

Environmental Assessments/Impact Statements

Prepared and submitted environmental assessments for federal regulatory agencies. Reviewed and commented on Draft Environmental Impact Statements. Completed supplemental data reports for draft environmental impact statements. Completed assessments for federal agencies to determine the need for supplemental environmental documents.

Regulatory and Litigation Support

Provided testimony as both a factual witness and expert witness in federal court and before the West Virginia Environmental Quality Board. Testimony included site conditions, evaluation of reasonable potential, water quality issues, mitigation, and stream structure and function. Negotiated with state and federal agencies regarding fines for non-compliance. This includes completing large scale after-the-fact delineations and associated reporting for Section 308 and 309 Orders, negotiating mitigation, and evaluating and assessing NPDES compliance issues. Compliance issues include discharge monitoring reports, non-compliance notices, toxicity, and narrative guidance concerns.

Additional litigation work has included work performed for meeting specialized permitting requirements, like those for the Public Service Commission. This work has included testimony regarding studies for wind energy development and its impact on birds and threatened and endangered species.

Biological Studies and Sampling

Responsible for managing and reporting biological surveys using State and federal protocols for permitting and compliance. Responsible for the development, managing, and reporting of special studies including functional assessment studies, algal studies, vegetative studies, wetland macroinvertebrate studies, avian studies, bat studies, benthic macroinvertebrate studies, mussel surveys, fish surveys and specialized trout surveys. Responsible for managing and reporting biological toxicity evaluations using standard testing species, as well as specialized studies like those completed using juvenile mussels.

Benthics

Completed benthic sampling for 18+ years. Capable of identifying most benthic macroinvertebrates at the genus level. Completed aquatic entomology coursework under Dr. R. Voschell at Virginia Tech.

Client#: 1114469

POTESASS

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/10/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Ins Svcs C/L Charleston 1 Hillcrest Drive East Charleston, WV 25311 304 347-0611	CONTACT NAME: Brenda Samples	
	PHONE (A/C, No, Ext): 304-347-0661	FAX (A/C, No): 304-347-0605
	E-MAIL ADDRESS: brenda.samples@usi.biz	
INSURED Potesa & Associates, Inc. 7012 MacCorkle Avenue SE Charleston, WV 25304	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Hartford Casualty Insurance Com	NAIC # 29424
	INSURER B: Trumbull Insurance Company	27120
	INSURER C: Catlin Specialty Insurance Comp	15989
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

NR LIR	TYPE OF INSURANCE	ADDSUBR INNR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> BI/PI GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC		40UUNZD3122	03/07/2015	03/07/2016	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		40UUNZD3122	03/07/2015	03/07/2016	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10000		40RHUZD2086	03/07/2015	03/07/2016	EACH OCCURRENCE \$9,000,000 AGGREGATE \$9,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	40WEBU6524	03/07/2015	03/07/2016	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Pollution Professional		CPV6743700316	03/07/2015	03/07/2016	5,000,000 5,000,000 Ded. 25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Potesa & Associates, Inc,
7012 MacCorkle Avenue SE
Charleston, WV 25304

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE





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: 159027

Doc Description: A&E SVCS Boating and Parking Improvements Tygart Lake

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2015-10-28	2015-12-03 13:30:00	CEOI 0310 DNR1600000012	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number: Potesta & Associates, Inc.
 125 Lakeview Drive
 Morgantown, WV 26508
 (304) 225-2245

FOR INFORMATION CONTACT THE BUYER

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

Signature X *Dana L. Burns*

FEIN # 311509066

DATE December 1, 2015

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

ADDITIONAL INFORMATION:

Expression of Interest

The West Virginia Purchasing Division for the Agency, the West Virginia Division of Natural Resources (WVDNR) is soliciting CEOI responses from qualified firms to provide necessary engineering, landscape architecture, and other related professional services to design and provide construction contract administration services to construct certain boating and parking improvements at Tygart Lake State Park per the specifications and terms and conditions as attached.

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

Line	Comm Ln Desc	Qty	Unit Issue
1	Architectural/Engineering Serives		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

A/E services for boating and parking improvements at Tygart Lake State Park.

DNR160000012	Document Phase Final	Document Description A&E SVCS Boating and Parki ng Improvements Tygart Lake	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0310 DNR1600000012

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)

(No addenda 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.

Potesta & Associates, Inc.
Company

Dana L Burns
Authorized Signature

December 1, 2015
Date

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

CERTIFICATION AND SIGNATURE PAGE

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.

Potesta & Associates, Inc.
(Company)

Dana L. Burns, PE / Vice President 
(Authorized Signature) (Representative Name, Title)

(304) 342-1400 / (304) 343-9031
(Phone Number) (Fax Number) (Date)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Potesta & Associates, Inc.

Authorized Signature: *Rhonda L. Henson* Date: December 1, 2015

State of West Virginia

County of Kanawha to-wit:

Taken, subscribed, and sworn to before me this 1st day of December, 2015.

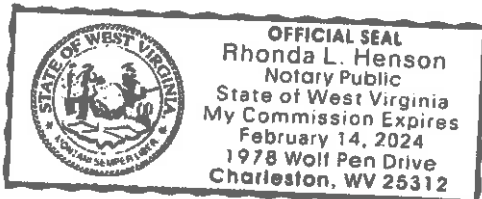
My Commission expires February 14, 2024.

AFFIX SEAL HERE

NOTARY PUBLIC

Rhonda L. Henson

Purchasing Affidavit (Revised 08/01/2015)



West Virginia Division of Natural Resources

Principal-in-Charge

Dana L. Burns, PE – 36 Yrs.

Project Manager

Dave Sharp, PE – 21 Yrs.

Field Reconnaissance, Preliminary and Final Design, Preparation of Construction Documents

Tim Rice, EIT – 32 Yrs.
 Everett Mulkeen, EIT – 3 Yrs.
 Kyle Diem – 1 Yr.
 Chad Griffith, PE – 11 Yrs.
 Jarrett Smith, PE – 14 Yrs.
 Patrick Ward, PE – 23 Yrs.
 Patrick Taylor, PE – 23 Yrs.
 Robert Ammirato, PE – 16 Yrs.
 Jason Gandee – 11 Yrs.

Soils, Geological, and Hydrological Evaluations

Dave Sharp, PE – 21 Yrs.
 Chris Grose – 25 Yrs.
 Jeremi Stawovy, EIT – 4 Yrs.

Subcontractors

Drilling of Soil Borings,
 Soil and Water Laboratory
 Analysis

Surveying

Victor Dawson, PS – 34 Yrs.
 Brad Starkey – 27 Yrs.
 Charles Shaffer – 16 Yrs.
 Rusty Hunter – 33 Yrs.
 Howard Samples – 17 Yrs.
 Richard Smith – 3 Yrs.
 Greg Hodges – 20 Yrs.

Construction Monitoring

Robert Lamm – 17 Yrs.
 Gary Bridgette – 12 Yrs.
 Bill Cox – 17 Yrs.
 Paul Kinzer – 1 Yr.
 Mike Whitman – 25 Yrs.

CAD Designers

Scott Bolyard – 24 Yrs.
 George Durbin – 3 Yrs.
 Michael Sankoff – 28 Yrs.
 Brian Leedy – 19 Yrs.
 Russ Lester – 26 Yrs.
 Joe Martin – 21 Yrs.
 Chuck Willis – 38 Yrs.
 Chuck Bird – 22 Yrs.

Project Advisors (as needed)

D. Mark Kiser, PE – 31 Yrs.
 Terence C. Moran, PE – 26 Yrs.

Permitting

Jessica Yeager – 21 Yrs.
 Lisa Burgess – 25 Yrs.