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Header 1

 List View

General Information

Contact

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Document Information

Clarification Request

Procurement Folder: 835175

Procurement Type: Central Purchase Order

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Legal Name: POTESTA & ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

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

**State of West Virginia
 Solicitation Response**

Proc Folder: 835175
Solicitation Description: EOI - Ethel Hollow Phase II and Phase III
Proc Type: Central Purchase Order

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 POTESA & ASSOCIATES INC

Solicitation Number: CEOI 0313 DEP2100000003
Total Bid: 0
Response Date: 2021-03-17
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Comments:

FOR INFORMATION CONTACT THE BUYER
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Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	EOI Engineering Design Services				

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments: Submittal of Expression of Interest

Extended Description:

*Dates of Service are estimated for bidding purposes only.



EXPRESSION OF INTEREST

Prepared for:



Office of Abandoned Mine

Lands and Reclamation

Ethel Hollow Phase II and Phase III

CEOI 0313 DEP2100000003



Providing innovative, timely, cost-effective environmental solutions



CHARLESTON

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Purchasing Affidavit Form	

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1.1 Project Introduction and Background

Potesta & Associates, Inc. (POTESTA) proposes to provide professional engineering and related services to the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands & Reclamation (WVDEP, AML) for the design of reclamation plans, preparation of bid documents, and regulatory permitting for the Ethel Hollow Phase II and Phase III AML reclamation project.

POTESTA will provide our professional engineers and support staff to provide design services for Ethel Hollow Phase II and Phase III projects to include:

- Performing site investigation.
- Design access for construction and future maintenance access.
- Geotechnical analysis.
- Clearing and grubbing affected areas.
- Regrading areas as necessary.
- Design of drainage conveyances including drainage channels, underdrains, and other controls to safely convey water off-site.
- Refuse reclamation.
- Condition and revegetate all disturbed areas.
- Obtain required permits as determined at the pre-design meeting.

POTESTA is familiar with the engineering design, preparation of bid documents, and regulatory permitting for reclamation of abandoned mine lands similar to the Ethel Hollow Phase II and Phase III Project and has a successful track record for the design of AML projects. POTESTA's design professionals include civil engineers, geotechnical engineers, surveyors, environmental scientists, construction monitoring specialists, CAD designers, geologists, and hydrology specialists. We are prepared to utilize our firm's resources and experienced staff to design necessary rehabilitation measures including:

- Access or accesses as required.
- Geotechnical analysis for evaluation of slope stability for regraded areas.
- Hydrologic and hydraulic analyses, including design of drainage conveyances to collect and convey runoff from and around regraded areas to the appropriate receiving streams.
- Clear and grub affected areas.

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- Design of erosion and sediment control measures including appropriate best management practices to satisfy requirements of the WVDEP construction stormwater general permit.
- Develop balanced cut and fill grading plan, considering anticipated shrink or swell factors for regraded material as appropriate.
- Regrade as necessary to result in stabilized slopes while controlling surface runoff.
- Identify soil borrow areas sufficient to provide soil to cover regraded refuse areas.
- Condition and revegetate all disturbed areas.
- Obtain required permits as determined at the pre-design meeting, including construction stormwater and placing fill materials in existing streams if necessary.

We further understand that WVDEP, AML desires that preliminary design documents for the project be submitted within 60 days of the issuance of the purchase order. POTESTA's experienced staff will perform the services required to provide draft design documents for WVDEP review within 60 days.



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1.2 Corporate History and Experience

POTESTA is an engineering and environmental consulting firm providing professional services to deliver innovative, cost-effective solutions to complex problems. Our firm is multi-disciplinary and has a diversified practice covering engineering (civil, environmental, geotechnical, mechanical, and mining), permitting, site characterization and remediation, and general environmental consulting. Civil/site, geotechnical and mining engineering are areas of extensive expertise at POTESTA. We have worked on numerous engineering projects (ranging from site grading and drainage plans for commercial/residential developments, to power plant foundations to mine layouts/reclamation of abandoned mine lands) throughout the region. Our 13 registered professional engineers have over 300 years of experience among them and are supported by a large group of engineers, scientists, designers, surveyors, and technicians. Regulatory liaison and environmental compliance are areas of exceptional strength for POTESTA as the President of the company is a former director of the West Virginia Department of Natural Resources.

Our clients include state, local, and federal government agencies, mining companies, manufacturers, utility companies, waste management companies, chemical companies, architects, attorneys, financial institutions, insurance companies, land developers, and construction companies.

POTESTA offers the following professional services.

- **404 Permit Preparation & Negotiation**
- **Acid Mine Drainage Control**
- Asbestos Inspection
- Benthic and Biological Studies
- **CADD Services** (*AutoCAD 2020, Various Software Design Packages*)
- **Civil Engineering**
- Clean Air Act Compliance
- Construction Monitoring
- Corporate Environmental Management
- **Design of Slurry Impoundments & Refuse Disposal Sites**
- **Dewatering Plans**
- Environmental Engineering
- Environmental Impact Studies
- Environmental Site Assessments
- Environmental Audits
- Environmental Engineering
- **Erosion & Sedimentation Control Plans**
- Expert Witness & Litigation Support
- Feasibility Studies
- Foundation Design
- **Geological Services**
- **Geotechnical Engineering**
- Ground & Surface Water Sampling
- Groundwater Investigation & Remediation
- Groundwater Protection Plans
- Hazardous Waste Management
- **Hydrologic & Hydraulic Evaluations**
- In-Situ / Ex-Situ Biostimulation & Bioaugmentation
- Landfill Design / Land Use & Natural Resource Planning
- Landfill Closure Plans
- Land Use & Natural Resource Planning
- **Mining Engineering**
- Multimedia Sampling (*Air, Fly Ash, Rock, Soil, Water*)

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- Pollution Prevention & Waste Minimization Planning
- **Permitting** (*Air, FERC, Fly Ash Haulback, Mining, NPDES, Quarry / Solid & Hazardous Waste*)
- **Post Reclamation Land Uses**
- Pre-Blast & Pre-Subsidence Surveys
- **Preparation of Construction Documents** (*Calculations Brief, Construction Drawings, Contractor's Bid Sheet, Engineer's Cost Estimate, QA/QC Manual & Technical Specifications*)
- **Reclamation Design & Planning**
- Reclamation Liability Assessments
- Regulatory Liaison Services
- Risk-Based Environmental Assessment
- SARA Title III, TIER II / Form R Inventory & Reporting
- Sewer Line Design
- Site Characterization & Remediation Planning
- **Site Design & Planning**
- **Soil Science & Agronomy**
- Spill Prevention Control & Countermeasure Plans
- Stabilization & Closure of Waste Impoundments
- **Stormwater Management & Permitting**
- Stream Benthic Macro-Invertebrate Surveys & Toxicity Evaluations
- Stream & Water Restoration
- Subsidence Studies
- **Subsurface Explorations**
- **Surface & Groundwater Monitoring, Statistical Analysis & Reporting**
- **Surveying** (*Traditional & Global Positioning System*)
- UST Closure & Site Remediation
- UST Installation Monitoring
- Waste Facility Permitting & Design
- Waste Disposal Design
- Water Line Design
- Water & Wastewater Treatment Design
- **Wetland Investigation / Delineation Mitigation Design & Monitoring**

POTESTA has the following staff in our Charleston, West Virginia office:

14	Engineers, Including 9 Professional Engineers
16	Scientists (Biologists, Ecologists, Environmental Scientists, Etc.)
3	Geologists/Hydrogeologists/Geological Scientists
1	Hydrologist
7	Surveyors
6	CADD Operators/Designers
10	Technicians/Construction Monitors
9	Support and Other Staff

POTESTA has the following staff in our Morgantown, West Virginia office:

5	Engineers, Including 3 Professional Engineers
1	Scientist (Biologists, Ecologists, Environmental Scientists, Etc.)
1	CADD Operators/Designer
1	Support and Other Staff

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POTESTA, since starting in 1997, has grown to approximately 74 employees in three offices. Included are 13 registered professional engineers (R.P.E.s), 5 registered professional licensed land surveyors (P.L.S.s), and one Ph.D. whose specialties include aquatic biology and water quality. POTESTA has assembled a team that has historically served WVDEP, AML on numerous AML projects. In fact, our staff has worked on over 160 AML projects for WVDEP (and more in other states) on four different WVDEP, AML contracts dating back into the mid-1980s. Many of POTESTA's professional staff had previous WVDEP, AML project experience before joining POTESTA.

POTESTA will perform the work for this project from our Charleston, West Virginia office with support from our Morgantown, West Virginia office if needed. Our Charleston office staff is larger (over 60 staff members) and includes professionals with the specialized expertise and experience necessary to evaluate and design this project. Our Charleston office is located 1 hour, 15 minutes from the Ethel Hollow project location and just minutes from WVDEP's Charleston headquarters' office. POTESTA emphasizes that we will make a priority commitment to this project.

POTESTA has completed projects involving geotechnical, civil, geological, hydrological and reclamation engineering; passive acid mine drainage treatment; land use and natural resource planning; soil science/agronomy; hydrology/geology; stream and water restoration; natural stream design; and post reclamation land uses. We also have open-ended statewide contracts with various state agencies. In addition, we have the preeminent staff in West Virginia for addressing issues regarding the abatement of problems associated with abandoned mine lands. As a result, POTESTA will provide the required expertise to complete this AML project in a timely, economical, and efficient manner.

POTESTA has assembled a successful team of employees that have historically worked on WVDEP, AML projects. In fact, our staff has 175+ years of experience working on WVDEP, AML projects and AML projects in other states. Our staff's direct knowledge of the AML program guidelines and personnel, our familiarity with the applicable state regulations, and our commitment to success will benefit WVDEP, AML.



Mr. Mark Kiser, POTESTA's project manager for this project, has provided engineering design and prepared bid documents for large coal refuse piles for WVDEP, AML. Many of these projects were completed in the 1980's and 1990's when WVDEP, AML was working to

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address large coal refuse piles on their inventory of sites. Several of these completed projects were nominated for and received reclamation awards. Some of the more noteworthy projects included:

- Omar Refuse Piles, Logan County
- Kimball Refuse Project, McDowell County
- Vivian Refuse Pile, McDowell County
- Bear Run Refuse Project, Gilmer County
- Grass Run Refuse, Lewis County
- Summerlee Refuse Pile, Fayette County
- Lefthand Fork Burning Refuse, Logan County
- Buffalo Creek No. 5 Refuse, Marion County
- John's Branch Coal Refuse Dam – Wyoming County
- Crany Mine Dump – Wyoming County
- Measle Fork Refuse – Wyoming County

These projects included a wide range of problems including steep, eroded refuse slopes, encroachments on adjacent streams, unstable slopes, burning coal refuse, ponds containing coal wastes, conflicts with natural gas pipelines, limited soil availability to use as borrow material for covering regraded refuse, uncontrolled seeps of acid mine drainage, and difficult access.

Mr. Tim Rice, project engineer, has similarly completed many coal refuse pile reclamation projects for WVDEP, AML over the years. The AML and Related Project Experience Matrix in **Appendix B** includes these coal refuse pile reclamation projects completed for WVDEP, AML.

POTESTA has 20+ employees including professional engineers, engineers, scientists, surveyors, and CADD designers with experience on WVDEP, AML projects. POTESTA employees have worked on and have experience with the following WVDEP, AML projects:

- Reclamation of Refuse Piles
- Sealing Mine Portals
- Landslide Stabilization
- Assessment of Contamination (e.g., PCBs, asbestos)
- Demolition of Structures
- Diversion/Management of Stormwater
- Identifying and Controlling Acid Mine Drainage
- Mine Fire Abatement
- Passive Acid Mine Drainage Treatment
- Stream Relocations
- Subsidence Assessment and Remediation
- USCOE Permitting
- Water Line Design
- Water Supply Feasibility Studies and Design
- Inventory of Residential Water Supplies
- Wetland Assessments

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Appendix A of our Expression of Interest includes our completed AML Consultant Confidential Qualification Questionnaire. **Appendix B** includes our AML and Related Project Experience Matrix. These documents provide information on the education, qualifications, and previous experience of our professionals and support staff. The AML and Related Project Experience Matrix especially shows the number of AML Reclamation Projects completed by our firm and current staff members.

POTESTA has completed numerous AML projects, as well as projects similar to a WVDEP, AML type project. These include design and permitting of landslide abatement projects, refuse piles and slurry impoundments, evaluating mine drainage from pre-SMCRA sites, reclamation designs for WVDEP, sanitary and storm sewer design, landfill closure assistance program (LCAP) projects, stream monitoring, development of grading plans, mine reclamation liability assessments, watershed assessments including evaluation of impact from AMD including AMD from pre-SMCRA sites, detention pond designs, wetland/stream studies, natural stream design, mine site design and permitting, and design of numerous storm water structures. Some of these similar or related projects are included on our Experience Matrix form in **Appendix B**.

Appendix C contains the executed Request for Solicitation forms, Certification and Signature Page, Addendum Acknowledgement Form, completed AVS Form, Disclosure of Interested Parties to Contracts, and Purchasing Affidavit Form.

The following describes POTESTA's qualifications for the surveying and/or aerial mapping services necessary for this project.

POTESTA proposes to utilize our own survey crews on this project. POTESTA will perform all of the surveying required for this contract using in-house personnel. POTESTA has five licensed professional surveyors with over 50 years of combined surveying experience. Our surveyors are experienced in all aspects of surveying such as topographic mapping, boundary and property surveys, and construction surveys for layout of work, record drawings, and quantity measurements. We have three survey crews.

POTESTA's surveyors use state-of-the-art "Field to Finish" equipment such as total station instruments, Trimble R-8 Glonass, RTK GPS Systems, AutoCAD 2020, Autodesk Land Desktop and Autodesk Civil 3D design software, computer hardware for data management, and a Hewlett Packard DesignJet 7100 color ink jet plotter.

POTESTA is equipped with modern surveying instruments allowing efficient data processing and accurate gathering of field information. Total station instruments equipped with data collectors are utilized for complete field-to-office automation allowing for high levels of

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productivity in the field. The latest versions of software are then used to process survey data and create drawings or required end products.

POTESTA utilizes state of the art computers and hardware, networked through Windows NT, for interfacing of drafting and surveying departments. Thus, drawing and surveying data files can be shared efficiently.

Surveys and mapping are completed to the standards as outlined by the National Map Standards as well as other applicable quality standards.

Additional information on POTESTA's corporate history and experience is included in the AML Consultant Confidential Qualification Questionnaire included in **Appendix A**.



POTESTA is a full service engineering and environmental consulting firm with a professional staff of aquatic ecologists, aquatic biologists, and engineers who work collectively to complete various stream assessment and restoration projects for a variety of private and public sector clients. Services include habitat assessments, functional assessments, Rosgen and other stream classifications, watershed studies, hydraulic analyses, and conceptual, preliminary or detailed stream design. Our scientists and staff have worked with clients to provide very detailed stream restoration/rehabilitation plans that include instream structure/habitat improvements, channel realignment and/or bank stabilization as well as less labor intensive plans that may only require minor bank stabilization and buffer zone establishment.



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1.3 Primary Staff Experience, Qualifications, & Performance Data



Mr. Dana L. Burns, P.E., Vice President at POTESTA, will serve as principal-in-charge for this project. Mr. Burns has served as project manager or principal-in-charge on three open end contracts for WVDEP, AML from 1986 through 1997 totaling over 65 projects. In addition, Mr. Burns has served as the principal-in-charge for numerous other WVDEP, AML projects since 2003. Mr. Burns' experience includes over 40 years of civil and environmental engineering and related projects including water line extensions, sealing portals, regrading refuse, site assessments, mine fires, preliminary feasibility evaluations, detailed design, and preparation of construction drawings, specifications, and bid documents. Mr. Burns will ensure that the AML workload is properly supported.

Mr. Mark Kiser, P.E., will serve as the **project manager** and the primary contact for this project. Mr. Kiser has over 36 years of engineering experience and has worked on over 75 different AML projects for WVDEP. His AML experience includes reclamation of coal refuse piles; highwall reclamation plans; soil borrow area plans; abandoned surface and deep mine reclamation; mine portal and shaft closures; hydraulic and hydrologic design/evaluation; landslide investigation and stabilization; remining explorations; mine refuse fire abatement and extinguishing plans; subsidence explorations and stabilization plans; water feasibility studies and water system design; construction observation and management plans; natural stream restoration projects; geotechnical explorations; slope stability analyses; preparation of construction drawings, specifications and engineers estimates; and directing both pre-bid and pre-construction meetings. Mr. Kiser is familiar with management of subcontractors, as well as managing staff and equipment needs for the design team.



Mr. Christopher Grose, L.R.S., Senior Engineering Associate, has over 30 years of experience and will serve as **geotechnical engineer** for this project. His areas of expertise include geological/geotechnical explorations, surface/subsurface hydrology, hydrogeology, and landslide causation analysis/stability modeling/failed slope restoration. Mr. Grose's experience includes the design and evaluation of geotechnical explorations related to bridges, culverts, earth retention structures, slope stability and engineered fill construction. Mr. Grose currently oversees aspects of geotechnical work at POTESTA in our Charleston, West Virginia office and has worked on WVDEP, AML projects since 1990. Mr. Grose will evaluate slope stability issues with respect to regraded coal refuse or other steep slope applications.

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Mr. David B. Sharp, P.E., will serve as the **geotechnical engineer consultant** for this project responsible for development of geotechnical design/ recommendations. Mr. Sharp is the Branch Manager of POTESTA's Morgantown office. Mr. Sharp is a registered professional engineer in Maryland, West Virginia, Pennsylvania, Ohio, and Kentucky. Mr. Sharp has over 25 years of experience with engineering and environmental consulting projects throughout the region. Mr. Sharp obtained his bachelor's and master's degrees from West Virginia University and has spent a large part of his career involved with geotechnical engineering and construction observation/management projects.

Mr. Sharp has worked on and managed numerous projects involving landslide investigation and repair projects, mine permitting, mine reclamation, acid mine drainage, hydrology, and many other components that would typically be encountered on an abandoned mine reclamation project. Many of these projects have included preliminary planning and assessments, as well as geotechnical engineering, assessments of potential treatment technologies, and preparation of bidding and construction documents.

Mr. Tim Rice is a **project engineer** available for reclamation plan preparation and design. Mr. Rice has over 38 years of full-time experience and has worked on nearly 80 different AML projects for West Virginia, Maryland, Ohio, and Pennsylvania. His AML experience includes abandoned surface and deep mine reclamation; mine portal and shaft closures; hydraulic and hydrologic design/evaluation; refuse regrading and stabilization plans; remining explorations; mine refuse and deep mine fire abatement and extinguishing plans; subsidence explorations and mitigation plans; hazardous waste abatement plans; water feasibility studies and water system design; construction observation and management plans; natural stream restoration projects; geotechnical explorations; slope stability analyses; preparation of construction drawings, specifications and engineers estimates; and directing both pre-bid and pre-construction meetings.



Messrs. Jeremi Stawovy, E.I.T., and Peter S. Potesta, Staff Engineer's, have over 18 years of combined experience in geotechnical engineering with an emphasis in slope stability evaluation, landslide design, repair, and causation investigation. Other areas of expertise include civil and site development projects with an emphasis in geotechnical engineering and construction. Responsibilities have included geotechnical evaluations including management of subsurface explorations, settlement analysis, slope stability modeling, foundation analysis, well pad and horizontal directional drill construction, roadway improvements/repairs, and commercial/residential construction.

Mr. Terence Moran, P.E., will serve as **project advisor** if needed. Mr. Moran has served as project manager/project engineer or assisted with over 60 AML projects in West Virginia and Virginia. Mr. Moran has 33 years of experience in civil and environmental engineering projects,

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including evaluation, design, preparation of plans and specifications, and construction administration. Mr. Moran has co-authored multiple papers, including one on the abatement of AMD at the Omega Mine site and another on evaluating AMD of AML sites during pre-acquisition site assessments. Messrs. Kiser and Moran have worked on AML projects that addressed such technical issues as AMD, sealing portals, regrading refuse, diverting stormwater, landslides, subsidence and water supply. Messrs. Kiser and Moran are both familiar with requirements of AML projects and will ensure that WVDEP is satisfied with POTESTA's work by ensuring that proper QA/QC and timeliness are adhered to.

Ms. Jessica Yeager, MS, Senior Scientist, is an aquatic biologist and toxicologist with 26 years of experience in evaluating the effects of anthropogenic activities on aquatic communities. She reviews and prepares environmental assessments, biological assessments and other environmental impact studies, as well as environmental permits for energy and industrial clients. Ms. Yeager is proficient in incorporation of GIS in project development and has worked as a project manager for T&E and SHPO coordination/consultation. Other specialties include developing impact assessments for planned disturbances and accidental releases, establishing and implementing recovery plans for streams and rivers, supervising the field personnel conducting impact assessments, designing benthic macroinvertebrate and fish studies for permitting needs, biological assessments of federally threatened and endangered species, and advising clients on issues pertaining to the Endangered Species Act, CWA, and the National Environmental Policy Act. Ms. Yeager is a certified wetland soil scientist, botanist, and hydrologist with field experience in Kentucky, Virginia and West Virginia. Ms. Yeager is also a recognized forensic delineation professional. She has completed numerous environmental studies for large energy projects.

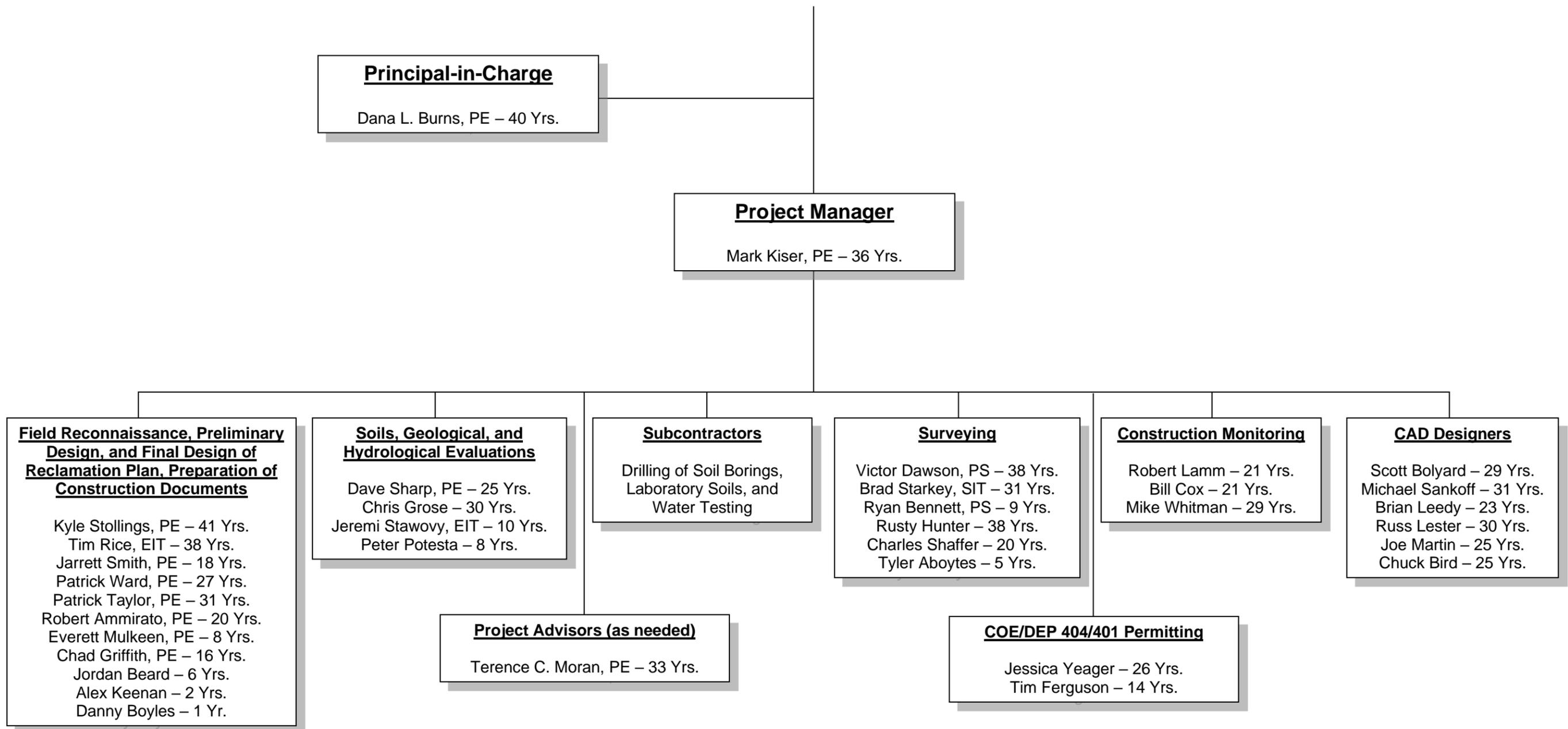
Mr. Timothy Ferguson, Senior Scientist, has over 14 years of experience in environmental compliance and permitting. He specializes in stream and wetland identification and delineation, mitigation development and planning, and permitting with the following agencies: USACE, WVDEP, WVDNR, West Virginia State Historical Preservation Office (SHPO), United States Fish and Wildlife Service and United States Environmental Protection Agency. He is formally trained in the use of the 1987 USACE Wetland Delineation Manual from Ohio State University in 2008 and has been utilizing the Eastern Mountains and Piedmont Regional Supplement since its issuance.

Abbreviated personal history statements of primary staff and more detailed descriptions of staff experience are presented in the AML Consultant Confidential Qualification Questionnaire in **Appendix A**, and the AML and Related Project Experience Matrix in **Appendix B**.

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Office of Abandoned Mine Lands and Reclamation



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Primary Staff Professional Certifications

Principal-in-Charge



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Project Manager



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1.4 Other Staff Experience, Qualifications, & Performance Data

POTESTA has a staff of 74 technical and support personnel. Combined with our team of highly experienced subcontractors, POTESTA is exceptionally well suited to: (1) develop construction plans and technical specifications to reclaim the coal refuse piles; (2) design plans and develop specifications to control associated water with the site; (3) design plans and develop specifications for limits of disturbance, storm water control and erosion and sedimentation prevention, including regrading and revegetation of disturbed areas; and (4) preparing applications for and obtaining required permits as determined at the pre-design meeting. POTESTA has provided the activities summarized above for previously completed WVDEP, AML projects. POTESTA can conduct all design engineering work required for this project with present personnel.

POTESTA's project manager will be supported by a team of engineers, scientists, surveyors, hydrologists, geologist/hydrogeologists, biologists, CADD operators, and other support personnel from POTESTA's staff. Included are geotechnical engineers such as Mr. Dave Sharp, P.E., and Mr. Chris Grose who have both worked on numerous AML projects including landslide stabilization, regrading of dangerous highwalls, and regrading of steep coal refuse and spoil piles. Environmental scientists Jessica Yeager and Tim Ferguson have extensive experience with evaluation of streams and preparation of stream restoration plans using natural stream design methods. Ms. Yeager and Mr. Ferguson are experts in both WVDEP and U.S. Army Corps of Engineers permitting for work involving stream disturbance, as well as enhancements. POTESTA's engineering group is experienced with developing grading plans, hydrologic analysis, and hydraulic design of water conveyance structures



utilizing HEC HMS and HEC RAS computer programs. Messrs. Jarrett Smith, P.E., Pat Taylor, P.E., and Robert Ammirato, P.E., will be available for stream/channel sizing and developing storm water control plans for the project. POTESTA's in-house surveying group will provide necessary support as needed. Finally, POTESTA's computer-aided drafting group will utilize AutoCAD and Autodesk Land Desktop and Civil 3D design software to prepare plans, cross sections, profiles, and details to be included as part of the bid documents.

Abbreviated personal history statements of key personnel are presented in the AML Consultant Confidential Qualification Questionnaire in **Appendix A**. Additional information is included in Section 1.6 "Management Plan and Location of Facilities."

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Our corporate and staff's experience involves civil, structural, geological, hydrological, environmental, mining, geotechnical, and reclamation engineering; land use and natural resource planning; soil science/agronomy; hydrology/geology; surface/underground coal mining; environmental and ecological principles in land reclamation, stream and water restoration, and post reclamation land uses; and contract administration. Our capabilities, qualifications and expertise in design of AML projects, as well as projects relevant to the Ethel Hollow Phase II and Phase III Project are further exemplified in the following project briefs.



1.0 QUALIFICATIONS



JOHN'S BRANCH COAL REFUSE DAM AML RECLAMATION PROJECT

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands and Reclamation
Wyoming County, West Virginia*



Potesta & Associates, Inc. (POTESTA) was selected by the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation (WVDEP, AMLR) to design a reclamation plan and prepare bidding and contract documents for the John's Branch Coal Refuse Dam Project in Wyoming County. The site was an abandoned, unreclaimed coal refuse pile and impoundment, approximately 40 acres in size. A large portion of the coal refuse pile was poorly vegetated with steep slopes and severe erosion. Eroded coal refuse was eroding from the site and entering surface

water receiving streams. The eroding coal refuse was also impacting the Norfolk Southern Railroad by filling railroad ditches, blocking cross culverts, and covering the railroad tracks. Rail service on the tracks was suspended due to the severe erosion.

POTESTA developed a reclamation design; prepared technical specifications, drawings, contractor's bid form, engineer's construction cost estimate and calculations brief; prepared a construction stormwater National Pollutant Discharge Elimination System (NPDES) application; and assisted WVDEP, AMLR with pre-bid and pre-construction meetings. POTESTA's reclamation design included regrading of the coal refuse pile to flatten steeply sloped portions of the refuse pile and to establish benches or terraces on the face of the coal refuse pile to control erosion and surface runoff. POTESTA designed a system of surface water drainage channels to control runoff. The reclamation plan included soil covering coal refuse and revegetation. A portion of the top of the coal refuse pile was covered with wetland vegetation. Two natural gas wells also existing on the top of the refuse pile. POTESTA's reclamation plan preserved and protected these areas, avoiding negative impacts.



POTESTA identified soil and rock borrow areas for the contractor's use for obtaining soil cover material and rock riprap for surface water channel linings. POTESTA also coordinated with a natural gas producer to temporarily move natural gas production lines crossing the surface of the coal refuse pile so that reclamation could be completed.

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KOPPERSTON – JOHN’S BRANCH REFUSE PILE EMERGENCY AML PROJECT

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands and Reclamation
Wyoming County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was selected by the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation (WVDEP, AMLR) to design an emergency plan, prepare bidding and contract documents, and provide support to abate problems from an eroding coal refuse dam. Coal refuse, soil, and rock were eroding from the steeply sloped, uncovered portion of the coal refuse pile. Eroded coal refuse washed over two Norfolk Southern Railroad tracks suspending service to a coal loadout facility. POTESTA was requested to expedite engineering work in order that WVDEP, AMLR could bid the project and stabilize the eroding coal refuse so that the railroad could be placed back into service.



POTESTA performed field reconnaissance, analyzed surface runoff flow patterns, and quantified surface runoff discharge rates from the approximately 40-acre refuse pile located at the bottom of a 160-acre watershed.



POTESTA provided a survey crew and engineer that selected and staked proposed drainage channels and culverts in the field. Utilizing the survey information, POTESTA prepared plan view drawings, channel and culvert profiles, and details depicting the proposed abatement measures to control surface water and minimize erosion.

The plan included 7,150 linear feet of riprap and grouted riprap channels to carry surface runoff over and around the steep coal refuse pile. The project included twin 72-inch reinforced concrete pipes installed beneath the railroad and a 5-foot by 10-foot concrete box culvert to carry runoff under WV Route 85 to the receiving stream. POTESTA obtained approvals from Norfolk Southern Railroad and the West Virginia Division of Highways so that construction could proceed.

1.0 QUALIFICATIONS



SUNDIAL (HATFIELD) REFUSE PILES

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Raleigh County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to prepare a reclamation design for the Sundial Refuse Piles in Raleigh County, West Virginia. The site was a former mining complex and included four distinct refuse piles that lacked vegetation and were eroding, open mine portals, and abandoned structures such as hoist houses.



As part of this project, the following were completed:

- Ground survey.
- Geotechnical exploration.
- Preparation of construction drawings, technical specifications, bid form, and engineer's estimate of probable construction costs.



The reclamation design anticipated approximately 372,000 cubic yards of earthwork, 15,000 feet of drainage channel, 3,000 feet of underdrains, 26 mine seals, and demolition and removal of numerous structures, including historic mine cars.

The project was bid at a construction price of approximately \$3,700,000.

As part of the project, POTESTA assisted the WVDEP with contract administration and performed construction observation services during the construction phase of the project.

1.0 QUALIFICATIONS



MEASLE FORK REFUSE

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Wyoming County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to regrade/cover all refuse material with at least 12 inches of topsoil, remove all debris from the site, and to stabilize Measle Fork and the stream bank due to refuse encroaching the water way.

The Measle Fork Refuse area was a 25-acre site with 7 acres of steep slopes with exposed refuse to be regraded and covered. Approximately 2,600 feet of Measle Fork were stabilized to protect the stream and prevent further erosion of the stream bank and potential for refuse to enter the stream. The regrading and stream bank protection included three terraced planting areas. The site was also provided with 4,500 feet of drainage channels.

POTESTA prepared drawings, technical specifications, contractor's bid forms, engineer's construction cost estimate, and calculations brief for the project. POTESTA also attended the pre-bid and pre-construction conferences to assist WVDEP with the project.



1.0 QUALIFICATIONS



MOUNTAIN RUN REFUSE AND PORTALS

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Masontown, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to evaluate the Mountain Run Refuse and Portals Project. This project consisted of 15 collapsed mine portals, five refuse piles covering 3 acres, and the demolition/removal of miscellaneous areas of mining debris, garbage, abandoned mine structures, and rail timbers. Our services included:



- Drilling of the refuse piles, mine portals and potential soil borrow areas.
- Field survey to develop site mapping.
- Regrading of the refuse piles to stabilize the slopes.
- Design of drainage control channels including a limestone channel to reduce acid mine drainage.
- Design of five wet mine seals and 11 dry mine seals, with the wet seals including a modified outlet pipe to maintain the current discharge from the portal which is used as a portion of a local resident's water supply.



POTESTA prepared drawings, technical specifications, contractor's bid forms, engineer's construction cost estimate, and calculations brief for the project. POTESTA also attended the pre-bid and pre-construction conferences to assist WVDEP with the project.

1.0 QUALIFICATIONS



LAKE LYNN COMPLEX

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Monongalia County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to evaluate the Lake Lynn Complex Project. This project consisted of three separate sites including 15 mine portals, three highwalls (totaling approximately 1,400 lineal feet), and the demolition/removal of miscellaneous areas of mining debris, garbage, and abandoned mine structures. Our services included:

- Drilling of the refuse piles, mine portals and potential soil borrow areas.
- Field survey to develop site mapping.
- Regrading of the refuse piles to stabilize the three highwalls that included 50,000 cubic yards of earthwork.
- Design of drainage control structures including limestone lined channels to reduce acid mine drainage.
- Design of nine wet mine seals and six dry mine seals, with seven of the wet seals and two of the dry seals including bat gate outlets.

POTESTA performed a subsurface exploration, prepared construction level drawings, technical specifications, bid documents, engineer's opinion of probable cost, and a calculations brief for the project. POTESTA also prepared permit applications for WVDEP stormwater and West Virginia Division of Highways project entrances. POTESTA also plans to attend pre-bid and pre-construction conferences with WVDEP.



Site 2: Proposed Bat Gate Wet Mine Seal Location/Highwall Area

1.0 QUALIFICATIONS



RACHEL REFUSE AND STRUCTURES

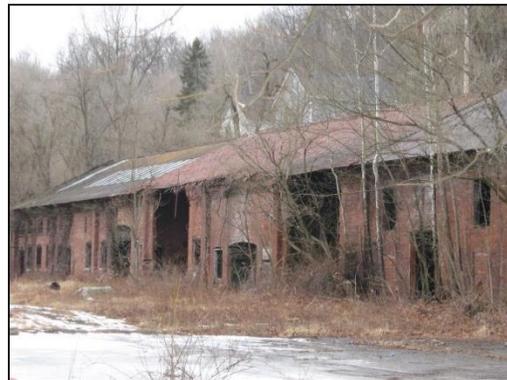
*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Marion County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to evaluate three sites to upgrade access roads, regrade/cover all refuse material with at least 12 inches of topsoil, and to dismantle and remove all buildings, equipment and debris from the site. The project also included construction of drainage control structures to carry water safely offsite and revegetation of all areas disturbed by the construction.

Site 1 was regraded and all refuse was covered with 1 foot of soil. An access road for a gas well was regraded across this site.

Site 2 was a refuse pile located behind a residence. This area was regraded to lower the pile by 10 feet and flatten the slopes on the sides. A drainage ditch was placed between the refuse pile and the house.

Site 3 was an existing impoundment. The site was regraded to remove the dam and place a grouted riprap drainage system at an existing drainage structure. All buildings and debris were removed from this site.



POTESTA prepared drawings, technical specifications, contractor's bid forms, engineer's construction cost estimate, and calculations brief for the project. POTESTA also attended the pre-bid and pre-construction conferences to assist WVDEP with the project.

1.0 QUALIFICATIONS



MILL CREEK REFUSE PILE

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Gary, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection (WVDEP) to prepare and design plans and specifications to reclaim an abandoned mine land site located near Gary, West Virginia. Work to reclaim the site included the removal of debris, refuse relocation and compaction, 1-foot soil placement, tree removal, and regrading.



Development of engineering reports, construction plans, and specifications for the stabilization of the Mill Creek mine refuse site.



Provision of plans and specifications which include, but are not limited to, plan views, cross sections, maps, photographs, and drawings.

Final design is to meet the WVDEP standards.

1.0 QUALIFICATIONS



JESSOP HIGHWALL #10

*West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
Tunnelton, West Virginia*



Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection (WVDEP) to prepare design plans and specifications to reclaim three abandoned mine land (AML) sites located near Tunnelton, West Virginia. Work to reclaim the three sites included sealing of abandoned mine portals, regrading of highwalls and collection of drainage from some of the abandoned mine portals and seeps. POTESTA utilized aerial mapping and ground survey to create topographic mapping of the sites.

Site 1

- Regraded approximately 1,150 feet of highwall averaging approximately 25 feet in height.
- Monitored test borings at the proposed mine portal sites to determine the location and the depth of mine voids, and the amount of water in the voids.
- Designed the closure of seven abandoned mine portals using a wet seal or bat gate mine seal.
- Designed drainage channels to collect water from the mine portals to discharge into a nearby stream.
- Designed a mine portal collection system that included 18 HDPE manholes.
- Incorporated a previously designed acid mine drainage collection and treatment system into our design.

Site 2

- Regraded approximately 7,500 feet of highwall averaging approximately 20 feet in height.
- Monitored test borings at the proposed mine portal sites to determine the location and depth of mine voids, and the amount of water in the voids.
- Designed the closure of three abandoned mine portals using a wet seal or modified mine seal.
- Designed drainage channels to collect water from the mine portals to discharge into a nearby stream.



Site 3

- Designed an underdrain system behind a residence and garage to prevent damage to the structures from a seep discharging acid mine drainage.

POTESTA prepared drawings, technical specifications, contractor's bid forms, engineer's construction cost estimate, and calculations brief for the project. POTESTA also attended the pre-bid and pre-construction conferences to assist WVDEP with the project.

1.0 QUALIFICATIONS



1.5 Anticipated Concepts and Methods of Approach

This section discusses POTESTA's anticipated concepts and methods of approach to the Ethel Hollow Phase II and Phase III Project. The approach outlined below is general and may change based on information received from WVDEP, AML or from our findings as we evaluate the Ethel Hollow sites.

1. Meet with WVDEP, AML and discuss project requirements. Conduct a site meeting with WVDEP to look at and discuss problem areas and approach for reclamation.
2. Develop detailed scope of work, schedule, and cost estimate. Follow-up meeting with WVDEP, AML to discuss scope, costs, and make necessary adjustments to the work plan, scope of work, and costs.
3. Upon receipt of purchase order, begin engineering work.
4. Develop/obtain topographic mapping for reclamation plan development. Survey as required to locate features as needed for design and to verify mapping accuracy.
5. Complete field reconnaissance to identify and establish extent for reclamation construction. Obtain photographs for future reference and to document existing conditions. Identify soil borrow areas for use as cover soil. Identify appropriate receiving stream points to accept runoff from regraded areas. Obtain samples if necessary of coal refuse, site soils, and rock for analysis for acid-base, pH, lime requirements, and soundness.
6. Subsurface exploration to obtain geotechnical information on coal refuse, soils, rock, groundwater conditions, etc. that may be needed to develop the reclamation design.
7. Evaluate hydrology of watersheds within the project area to identify design flows and anticipated flow velocities in channels, ditches, etc.
8. Evaluate slope stability of proposed regrading options including surface runoff drainage control, subsurface groundwater control, and regrading to obtain a sufficient factor of safety against sliding. Develop reclamation requirements for refuse regrading.
9. Develop conceptual site design and submit to WVDEP, AML for review and comment. Purpose of conceptual site design is to present 30 percent design to WVDEP for input prior to plans and specifications development. Meeting

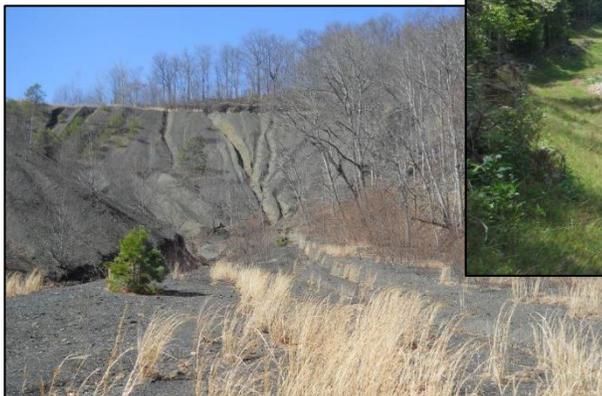
EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



will be held with WVDEP, AML to review conceptual site design and discuss additions, deletions, or revisions to the scope of work, methods, and details.

10. Prepare bid documents including construction drawings, technical specifications, develop construction bid items and quantities, prepare contractor's bid form, prepare engineer's construction cost estimate, and prepare calculations brief. Submit these documents to WVDEP, AML for review.
11. Complete quality assurance/quality control review of design package and submittal. Drawings and calculations will be checked using POTESTA's internal quality control procedures. Technical specifications, bid form, and engineer's construction cost estimate will be peer reviewed consistent with POTESTA's internal quality control procedures.
12. Upon receipt of WVDEP review comments, finalize bid documents, sign and seal, and submit.
13. Complete required regulatory permit applications required for the project such as construction stormwater NPDES permit, U.S. Army Corps of Engineers/WVDEP permit approvals for stream work, etc.
14. Conduct pre-bid meeting. Assist WVDEP, AML with required addenda.
15. Conduct pre-construction meeting with successful bidder and WVDEP, AML.



1.0 QUALIFICATIONS



1.6 Management Plan and Location of Facilities

Management Plan

POTESTA's proposed project **organization chart** including key staff and subcontractors was presented on **Page 11** of this EOI. Work will be performed at POTESTA's Charleston, West Virginia office or on-site as may be required.

POTESTA's professional, technical, and support staff have extensive experience on WVDEP-AML projects including many refuse pile reclamation projects. We are well qualified to serve WVDEP on this project. We stand ready to commit the personnel and resources required to complete this project in a timely, technically sound, and cost-efficient manner. POTESTA's large staff size will allow us to work on this project and achieve the schedule requirements.



POTESTA's principal-in-charge will be responsible for contract management (administration) and shall coordinate and direct all aspects of the project. The principal-in-charge will review the proposed project, support the project manager, assemble a project team and appoint key staff to develop a proposed scope of work. The principal-in-charge and project manager will visit the site with WVDEP, AML to review site conditions and the proposed services to be completed and guide the preparation of a detailed proposal and cost estimate. A written proposal including a detailed scope of work and an associated manhour and cost estimate will then be prepared and submitted to WVDEP, AML for review. The project manager will review the proposal with the WVDEP, AML including a task-by-task discussion of work items



and the related costs. Upon WVDEP, AML's approval of the proposal, the project manager will arrange for the start of project activities. The principal-in-charge will provide the project manager the required staff and resources necessary to complete the project activities, will review the project budget and schedule during performance of the project, and will provide a final QA/QC review of the documents prior to submittal

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



to the WVDEP, AML. Mr. Dana Burns, P.E. will serve as the principal-in-charge on this project. Day-to-day project activities for this project will be performed under the direction of our project manager, Mr. Mark Kiser, P.E. The project manager will develop a detailed step-by-step project work plan so that the project activities are completed in a correct manner, on-budget, and on-time. He will also review work products at intermediate points and prior to project completion. He will provide project status reports which may include weekly meetings, memos, or telephone calls with the WVDEP, AML project manager as required. The project manager will supervise the day to day work in progress, will coordinate with POTESTA's subcontractors to provide necessary services, and review work products at intermediate points and prior to submittal to the WVDEP, AML.



POTESTA will utilize the appropriate classification of staff to conduct activities required for the project. Our large, experienced staff allows us to respond quickly, provides flexibility, and will provide for the opportunity of high-level input from in-house experts on complex multi-disciplinary projects. Our normal method of staffing projects is to assign a small project team with total responsibility for completion of the work to the client's satisfaction and budget. Where necessary, the team can draw on the expertise available within POTESTA's large staff. POTESTA offers a large staff with the efficiency and rates normally associated with a small firm.



WVDEP, AML has indicated that preliminary design documents will be due 60 calendar days from the issuance of the Purchase Order to the awarded vendor for the Ethel Hollow Phase II and Phase III Project. If selected, POTESTA stands ready to meet your timeframe.

1.0 QUALIFICATIONS



Project Budget Control

The project manager will be responsible for monitoring the project budget and keeping the principal-in-charge informed of its status. POTE STA's staff enters time into POTE STA's InFocus accounting/management computer system on a daily and/or weekly basis. POTE STA's project managers can access InFocus at any time, thus allowing "real-time" control of project costs. In addition, field representatives routinely keep track of subcontractor costs on a daily basis. Thus, we can, in effect, keep track of the total project costs on a weekly basis. Our subcontractors commonly invoice at monthly intervals and there is seldom a discrepancy between our field representative's pay items and our subcontractor's invoice.

Schedule Control

Direct responsibility for schedule control lies with the project manager. Initially, the project manager will review schedule requirements (understood to be 60 days for submittal of preliminary design documents) to see how they can be achieved given the anticipated scope of work. As the project progresses, the project manager will monitor progress and compare it with the established schedule on a weekly basis keeping the principal-in-charge aware of the schedule's status. In this manner, the principal-in-charge can make staff adjustments to allow the project manager to maintain the project schedule. If circumstances develop that make it impossible to maintain the project schedule, the project manager will contact the WVDEP project manager to develop a mutually acceptable adjustment to the schedule and/or work plan.

Location of Facilities

POTE STA will complete the work under this contract in our Charleston, West Virginia office.

Quality Assurance/Quality Control

Submittals to the WVDEP will be reviewed by the project manager and the principal-in-charge prior to submittal to the WVDEP. Both the project manager and the principal-in-charge have worked on numerous WVDEP, AML projects, and thus understand the level of detail and expectations for WVDEP, AML projects. POTE STA utilizes standardized Quality Assurance/Quality Control (QA/QC) practices such as consistency checks, color coding of checked copies/calculations, and review of method of measurements versus quantity tallies to meet QA/QC expectations.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS

Certificate of Liability Insurance

POTESTA carries a full line of insurance coverage including general liability, errors and omissions, and workers' compensation.

	CERTIFICATE OF LIABILITY INSURANCE	POTE&AS-01	JNGUYEN														
		DATE (MM/DD/YYYY) 3/8/2021															
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS TO 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.</p>																	
<p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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).</p>																	
PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME: PHONE (A/C, No, Ext): (703) 827-2277 FAX (A/C, No): (703) 827-2279 E-MAIL ADDRESS: admin@amesgough.com																
INSURED Potesta & Associates, Inc. 7012 MacCorkle Avenue, SE Charleston, WV 25304	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Valley Forge Insurance Company A(XV)</td> <td>20508</td> </tr> <tr> <td>INSURER B : Continental Insurance Company A(XV)</td> <td>35289</td> </tr> <tr> <td>INSURER C : National Fire Insurance Company of Hartford A(XV)</td> <td>20478</td> </tr> <tr> <td>INSURER D : Evanston Insurance Company</td> <td>35378</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>			INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Valley Forge Insurance Company A(XV)	20508	INSURER B : Continental Insurance Company A(XV)	35289	INSURER C : National Fire Insurance Company of Hartford A(XV)	20478	INSURER D : Evanston Insurance Company	35378	INSURER E :		INSURER F :	
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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab. GENL AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJ <input type="checkbox"/> LOC OTHER:			6057035330	3/7/2021	3/7/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			6057035327	3/7/2021	3/7/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			6057035358	3/7/2021	3/7/2022	EACH OCCURRENCE \$ 9,000,000 AGGREGATE \$ 9,000,000
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	6057035344	3/7/2021	3/7/2022	<input checked="" type="checkbox"/> PER STATUTE <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
D	<input checked="" type="checkbox"/> Professional Liab.			MKLV7PL0004586	3/7/2021	3/7/2022	Per Claim/Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Pollution Liability is included in the Professional Liability policy and shares the limits per the policy terms and conditions.

CERTIFICATE HOLDER EVIDENCE OF COVERAGE	CANCELLATION 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
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EXPRESSION OF INTEREST

2.0 CLOSING



We look forward to continuing to serve WVDEP, AML on the Ethel Hollow Phase II and Phase III Project and bring it to completion. Our staff has an abundance of experience with reclamation design of coal refuse sites and will make our experienced personnel immediately available for this project. Our commitment is to provide quality service, rapid response and project completion, and to exceed your expectations for services performed under this project.



APPENDIX A

Attachment "A"
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AML CONSULTANT QUALIFICATION QUESTIONNAIRE

PROJECT NAME Ethel Hollow Phase II and Phase III		DATE (DAY, MONTH, YEAR) 18, March, 2021	FEIN 311509066
FIRM NAME Potesta & Associates, Inc.		2. HOME OFFICE BUSINESS ADDRESS 7012 MacCorkle Avenue, SE Charleston, West Virginia 25304	3. FORMER FIRM NAME N/A
4. HOME OFFICE TELEPHONE (304) 342-1400	5. ESTABLISHED (YEAR) 1997	6. TYPE OWNERSHIP Individual <input type="checkbox"/> Partnership <input type="checkbox"/> <u>Corporation</u> <input checked="" type="checkbox"/> Joint-Venture <input type="checkbox"/>	6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES <input type="checkbox"/> <u>NO</u> <input checked="" type="checkbox"/>
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 7012 MacCorkle Avenue, SE, Charleston, WV 25304 / (304) 342-1400 / Dana L. Burns, Vice President / 66			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Ronald Potesta, President Dana L. Burns, Vice President		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS N/A	
9. PERSONNEL BY DISCIPLINE			
<u>10</u> ADMINISTRATIVE <u> </u> ARCHITECTS <u> 4</u> BIOLOGISTS <u> 6</u> CADD OPERATORS <u> 2</u> CHEMICAL ENGINEERS <u>16</u> CIVIL ENGINEERS <u>13</u> CONSTRUCTION INSPECTORS <u> </u> DESIGNERS <u> 1</u> DRAFTSMEN	<u> 2</u> ECOLOGISTS <u> 1</u> ECONOMISTS <u> </u> ELECTRICAL ENGINEERS <u> 2</u> ENVIRONMENTALISTS <u> </u> ESTIMATORS <u> 1</u> GEOLOGISTS <u> </u> HISTORIANS <u> </u> HYDROLOGISTS	<u> </u> LANDSCAPE ARCHITECTS <u> 1</u> MECHANICAL ENGINEERS <u> 1</u> MINING ENGINEERS <u> </u> PHOTOGRAMMETRISTS <u> </u> PLANNERS: URBAN/REGIONAL <u> </u> SANITARY ENGINEERS <u> </u> SOILS ENGINEERS <u> </u> SPECIFICATION WRITERS	<u> </u> STRUCTURAL ENGINEERS <u> 6</u> SURVEYORS <u> </u> TRAFFIC ENGINEERS <u> 1</u> HORTICULTURALIST <u> 4</u> GEOTECHNICAL ENGINEERS <u> 1</u> FISH & WILDLIFE SPECIALISTS <u> 1</u> GIS SPECIALIST <u> 1</u> AQUA CULTURALIST <u> </u> OTHER <u>74</u> TOTAL PERSONNEL
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u> 9</u></p> <p>*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>			
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input type="checkbox"/> NO N/A			

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Qualification Questionnaire".

<p>NAME AND ADDRESS:</p> <p>Keddal Aerial Mapping 1121 Boyce Road, Suite 3100 Pittsburgh, Pennsylvania 15241</p>	<p>SPECIALTY:</p> <p>Aerial Photography and Mapping</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p> <p>GeoMechanics, Inc. 600 Munir Drive P.O. Box 386 Elizabeth, PA 15037</p>	<p>SPECIALTY:</p> <p>Environmental and Coal Related Laboratory</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p> <p>Test Boring Services 140 Mong Road Scenery Hill, Pennsylvania 15360</p>	<p>SPECIALTY:</p> <p>Soils and Rock Boring</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p> <p>GeoMechanics, Inc. 600 Munir Drive P.O. Box 386 Elizabeth, PA 15037</p>	<p>SPECIALTY:</p> <p>Soils and Concrete Testing</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p> <p>Pace Analytical 5 Weatherridge Drive Hurricane, WV 25526</p>	<p>SPECIALTY:</p> <p>Water Analytical</p>	<p>WORKED WITH BEFORE</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>

12. A. Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

YES Description and Number of Projects: POTEESTA's principal-in-charge, Dana L. Burns, P.E., and Messrs. Tim Rice, EIT, Mark Kiser, P.E., Terence Moran, P.E. have each worked on over 70 AML projects dating back to 1986, including landslide exploration and abatement, mine subsidence stabilization projects, acid mine drainage treatment, refuse piles, mine drainage, mine portal seals, and water supply projects. POTEESTA has 15 staff with experience on AML projects. POTEESTA's principal engineers have extensive experience with preparing design plans for refuse piles. Many of the previous AML projects won reclamation awards including: Bear Run Refuse; Kimball Refuse Piles; Owings Mine Complex; Pine Creek (Omar) Refuse; Turner-Douglas Complex; and Grass Run Refuse. These projects were completed by Dana Burns, Mark Kiser, Tim Rice and Terry Moran. This same leadership team will manage the Kempton Refuse Rehabilitation project, evaluate problems, develop reclamation concepts, and direct staff in the development of bidding documents.

NO

B. Is your firm experienced in Soil Analysis?

YES Description and Number of Projects: POTEESTA's staff is experienced in all aspects of soil analysis, including geotechnical and environmental soil analysis. POTEESTA's staff has worked on 30+ AML projects involving soil science, including slope stability, soil amendments, and revegetation. POTEESTA is experienced in soil analysis as it relates to this project. POTEESTA's principal engineers have developed and implemented plans for nutrient and lime requirements testing to determine revegetation requirements, acid-base accounting of rock samples to evaluate the potential of excavated materials to generate acidity, and analysis of coal refuse to determine the potential for reprocessing.

NO

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: POTEESTA's staff is experienced in hydrology and hydraulics as it relates to AML projects in West Virginia. POTEESTA's staff has worked on over 70 AML projects that involved sizing channels, culverts, and passive treatment devices. POTEESTA has developed well over 100 storm water management plans for mines, industrial facilities and new site development projects throughout West Virginia. POTEESTA will utilize standard methods for estimating design peak discharge rates and for the sizing/design of hydraulic conveyances such as channels, ditches, flumes, natural streams, and pipes.

NO

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

YES Description and Number of Projects: POTEESTA's staff routinely develop contour mapping for use with design. We subcontract aerial mapping development but complete the ground control necessary for developing mapping. On smaller projects, we perform the topographic survey work and subsequently develop the contour mapping. POTEESTA has completed 200+ mapping development projects in the last five years.

NO

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

YES Description and Number of Projects: POTEESTA's staff is exceptionally experienced at domestic waterline design. POTEESTA's staff has worked on waterline designs and water treatment plant designs for municipalities, WVDEP AML, and private utilities. POTEESTA's staff includes one project manager, Terence C. Moran, P.E., who has managed design of numerous AML waterlines, including 20+ mile Cow Creek-Sarah Ann Extension and 30+ mile/2,800 GPM Water Treatment Plant Mill Creek Regional Water Supply project. We are also exceptionally well qualified to evaluate aquifer degradation, including aquifer degradation by AML sites. Our staff has worked on 80+ evaluations of aquifer degradation. POTEESTA has performed over 40 water line design projects totaling several hundred miles of installed water lines for municipalities, public service districts, and utility companies in West Virginia.

NO

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

YES Description and Number of Projects: POTEESTA has completed numerous projects addressing acid mine drainage evaluation and abatement design. POTEESTA's staff has worked on 30+ projects involving AMD evaluation and 10+ projects involving AMD abatement design. In both cases, many of the projects involved AML sites. We have worked extensively with Anker Energy, Dominion Generation, and the WVDOH, among others with acid-base accounting evaluations and the subsequent development of plans to prevent/abate AMD generation. Additionally, we worked extensively with Elk Run Coal Company to devise a plan to limit AMD generation and to treat the remaining AMD. POTEESTA can evaluate site conditions, analyze acid mine drainage characteristics, evaluate alternative treatment options, and design the appropriate passive treatment system(s).

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Burns, Dana L. Vice President	27	36	25

Brief Explanation of Responsibilities

Mr. Burns will serve as principal-in-charge for this project with his significant experience with AML type projects. Mr. Burns has served as the project manager or principal-in-charge on three open end contracts for WVDEP, AML from 1986 through 1997, totaling over 60 projects. He will ensure the personnel required to efficiently complete this project will be identified. He will coordinate contract issues with the State of West Virginia.

EDUCATION (Degree, Year, Specialization)

MS, 1979, Civil Engineering with Environmental Engineering Emphasis
BS, 1978, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

West Virginia Coal Association
American Society of Civil Engineers
West Virginia Association of Consulting Engineers
American Consulting Engineering Council - Trans Committee

REGISTRATION (Type, Year, State)

PE, 1985, WV
PS, 1995, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Kiser, D. Mark Chief Engineer	32	36	25

Brief Explanation of Responsibilities

As Chief Engineer, with significant experience in coal refuse stabilization design and mine portal closures and drainage channelization, he will serve as a project manager for this project. Mr. Kiser will also provide constructability reviews and QA/QC for the various draft submissions and final construction documents. As primary contact, Mr. Kiser will communicate between WVDEP and the design teams, subcontractors, and project advisors for this project. Mr. Kiser has served as project engineer/manager on over 70 abandoned mine land reclamation projects in West Virginia and Virginia.

EDUCATION (Degree, Year, Specialization)

BS, 1984, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

PE, 1990, WV
Licensed Remediation Specialist, 1998, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Rice, Timothy M. Senior Engineer	32	38	32

Brief Explanation of Responsibilities

Mr. Rice will serve as senior engineer for this project. His 32 years of AML experience include projects in West Virginia, Maryland, Ohio and Pennsylvania and various types of projects will provide the technical knowledge and experience to complete this AML project.

EDUCATION (Degree, Year, Specialization)

BS, 1982, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	EI, 2005,WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Sharp, David B. Morgantown Branch Manager	25	25	25

Brief Explanation of Responsibilities

Mr. Sharp will serve as technical review contact for this project with his significant experience with AML type projects throughout the region. Mr. Sharp has served as the Branch Manager in Morgantown for 12 years. He will ensure the personnel required to efficiently complete this project will be identified. He will coordinate contract issues with the State of West Virginia. Mr. Sharp has worked on and managed AML projects and has spent most of his career involved in geotechnical engineering and construction management projects.

EDUCATION (Degree, Year, Specialization)

MS, 1995, Civil Engineering with Geo-environmental Engineering Emphasis
BS, 1993, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
West Virginia Coal Association	
American Society of Civil Engineers	PE, 1999, WV PE, 2001, KY
West Virginia Association of Consulting Engineers	PE, 1999, MD PE, 2001, OH
American Consulting Engineering Council - Trans Committee	PE, 2000, PA

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Grose, Christopher A. Senior Engineering Associate	21	25	17

Brief Explanation of Responsibilities

Mr. Grose will coordinate the drilling and geotechnical analysis for slope stability design, identification of borrow sites for soil cover, and investigation and design of solutions for subsurface hydrogeology within the deep mines and recommendations for mine seals.

EDUCATION (Degree, Year, Specialization)

MS, 1990, Geological Engineering
BS, 1988, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineering Association of Engineering Geology Society of American Military Engineers	REGISTRATION (Type, Year, State) Licensed Remediation Specialist, 1998, WV
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Potesta, Ronald R. President			

Brief Explanation of Responsibilities

As President, Mr. Potesta directs the full resources of the firm to meet the complete requirements of this project for WVDEP.

EDUCATION (Degree, Year, Specialization)

MS, 1975, Economics with a Concentration in Mineral Economics, Econometrics, and Micro Economics
BS, 1971, Business Administration

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Commissioner, Ohio River Valley Water Sanitation Commission; Board of Directors, WV Chapter of the Nature Conservancy; National Institute for Chemical Studies; WV Environmental Institute; WV Manufacturers Association	REGISTRATION (Type, Year, State)
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13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Peter S. Potesta Staff Engineer	2	2	4

Brief Explanation of Responsibilities

Mr. Peter Potesta, Staff Engineer, has over 8 years of experience and will serve as a geotechnical engineer for this project. His areas of expertise include geotechnical engineering with an emphasis in landslide repair design, natural gas production well pads and access roads, retaining wall design and analysis, foundation recommendations, slope stability analysis, civil/site design, and landslide causation investigation.

EDUCATION (Degree, Year, Specialization)

BS, 2011, Civil Engineering
BA, 2007, Environmental Geosciences

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Jeremi J. Stawovy, E.I.T. Staff Engineer	7	7	10

Brief Explanation of Responsibilities

Mr. Jeremi Stawovy, Staff Engineer, has over 10 years of experience and will serve as a geotechnical engineer for this project. His areas of expertise include geotechnical engineering with an emphasis in landslide repair design, geotechnical evaluations including management of subsurface explorations, settlement analysis, slope stability modeling, foundation analysis, well pad construction, roadway improvements/repairs, and commercial/residential construction.

EDUCATION (Degree, Year, Specialization)

MS, 2011, Civil/Environmental Engineering
BS, 2009, Civil/Environmental Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	Engineer Intern, 2009, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Moran, Terence C. Senior Engineer	23	26	26

Brief Explanation of Responsibilities

Mr. Moran will serve as project manager coordinating interaction between the WVDEP, design team members, and subconsultants. Mr. Moran has served as a project engineer/project manager for over 60 AML projects in West Virginia between 1989 and 1999. More recently, he has served as principal engineer and project manager for WVDEP-AML projects including water studies and reclamation plans. He will set the schedule and ensure it is met on a weekly basis. He will also serve as one of the principal designers of the reclamation design solution.

EDUCATION (Degree, Year, Specialization)

MS, 1989, Civil Engineering
BS, 1987, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Society of Civil Engineers	PE, 1996, WV PE, 1998, VA

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Taylor, Patrick A. Senior Engineer	25	25	20

Brief Explanation of Responsibilities

Mr. Taylor will serve as a project engineer, including completing field work, design, and preparation of drawings, technical specifications, bid forms, and cost estimates. Mr. Taylor has project engineer experience in AML projects consisting of emergency slide remediation, refuse fill and slurry pond reclamation, abandoned portal closures, and slurry pond reclamation. Mr. Taylor also served as a branch manager for a private consulting firm responsible for surface mining permitting, design and reclamation.

EDUCATION (Degree, Year, Specialization)

MS, 2006, Engineering Management
BS, 1988, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Society of Civil Engineering	PE, 1994, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Litwinowicz, Dennis L. Senior Scientist		35	

Brief Explanation of Responsibilities

Mr. Litwinowicz will serve as a project geologist, including observation of subsurface exploration activities and assistance on evaluation of other geologic activities.

EDUCATION (Degree, Year, Specialization)

BS, 1980, Geology and Mineralogy

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Association of Petroleum Geologists

REGISTRATION (Type, Year, State)

Certified Petroleum Geologist, 1984

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Dawson, Victor M. Survey Supervisor	15	33	17

Brief Explanation of Responsibilities

Mr. Dawson will coordinate required surveying for aerial mapping control, if needed, establish construction benchmarks, topographic surveys, boundary surveys and/or property and deed research, survey of boring locations and profiling significant existing drainage courses not clearly defined in the aerial mapping. Mr. Dawson will reduce survey data and create topographic mapping for AML projects.

EDUCATION (Degree, Year, Specialization)

AS, 1983, Surveying

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Congress Surveying and Mapping
West Virginia Association of Land Surveyors
North Carolina Society of Surveyors
South Carolina Society of Surveyors

REGISTRATION (Type, Year, State)

PS, 1988, NC
PS, 1989, SC
PS, 1993, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Sankoff, Michael B. CADD Designer/Supervisor	15	28	17

Brief Explanation of Responsibilities

Mr. Sankoff will provide the CADD support in preparation of construction drawings for the project. He will reduce survey data to provide sufficient mapping to complete the design.

EDUCATION (Degree, Year, Specialization)

BS, 1987, Industrial Management
AS, 1986, Drafting and Design Engineering Technology
AS, 1986, Mechanical Engineering Technology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Ammirato, Robert J. Engineer	9	12	12

Brief Explanation of Responsibilities

Mr. Ammirato will serve as a project engineer for the project. His responsibilities will include hydraulic calculations, layout, drawing preparation, design, technical specifications, bid forms, cost estimates, and field work. He has extensive experience in water supply and wastewater system design, permitting, and regulations. Mr. Ammirato was the project engineer on our Borderland (Matney) Portals project.

EDUCATION (Degree, Year, Specialization)

BS, 1999, Mechanical Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

PE, 2010, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Smith, Jarrett M. Senior Engineer	10	12	12

Brief Explanation of Responsibilities

Mr. Smith has been involved extensively with development of hydrologic and hydraulic calculations including preparation of NPDES stormwater construction permits. He also has significant expertise in the development of site grading plans and quantity/cost estimates. Mr. Smith was the project engineer on our Taylorville (Cantrell) Drainage AML project.

EDUCATION (Degree, Year, Specialization)

BS, 2002, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

National Society of Professional Engineers

REGISTRATION (Type, Year, State)

PE, 2008, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Ward, Patrick E. Senior Engineer	11	18	9

Brief Explanation of Responsibilities

Mr. Ward will serve as a project engineer and has extensive experience on WVDEP, AML projects, having served as a project engineer on refuse piles, mine drainage, and subsidence projects in the early to mid-1990's.

EDUCATION (Degree, Year, Specialization)

MS, 1992, Civil Engineering (Geotechnical)
BS, 1990, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

PE, 1997, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Griffith, Chad Staff Engineer	6	8	11

Brief Explanation of Responsibilities

Mr. Griffith has extensive experience with surface mine application Article 3 (coal) and Article 4 (quarry) permitting, mining related NPDES permits, mining related bonding phase releases, prospecting permits, residential and commercial site layout, road design, geotechnical engineering, civil/site design, stormwater management, stormwater/NPDES permitting, construction monitoring, hydrology, and other areas of civil engineering.

EDUCATION (Degree, Year, Specialization)

BS, 2004, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)
PE, 2008, WV

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Yeager, Jessica Senior Scientist	N/A	20	N//A

Brief Explanation of Responsibilities

Ms. Yeager has 26 years of experience in evaluating the effects of anthropogenic activities on aquatic communities. She reviews and prepares environmental assessments, biological assessments and other environmental impact studies, as well as environmental permits for energy and industrial clients. Ms. Yeager is also a recognized forensic delineation professional. She has completed numerous environmental studies for large energy projects.

EDUCATION (Degree, Year, Specialization)

MS, 2003, Biology (Emphasis in Aquatic Ecology and Toxicology)
BS, 1993, Biology/Chemistry

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Society of Freshwater Scientist
Society of Environmental Toxicology and Chemistry

REGISTRATION (Type, Year, State)

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Ferguson, Tim Senior Scientist	4	14	N/A

Brief Explanation of Responsibilities

Mr. Ferguson has over 14 years' experience in environmental compliance and permitting and has served as project manager for numerous projects. He specializes in stream and wetland identification and delineation, mitigation development and planning, and permitting.

EDUCATION (Degree, Year, Specialization)

MS, 2010, Environmental Science
BS, 2006, Environmental Biology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
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15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
West Virginia University Rockfall Mitigation, Morgantown, WV	West Virginia University Division of Facilities, Design & Construction 979 Rawley Lane Morgantown, WV 26506	Review of Rockfall Hazards, Coordination with Repair Contractor, and Owner Representative during Construction.	\$2,900,000	95%
Upper Grave Creek Dam Landslide Evaluation, Cameron, WV	Northern Panhandle Conservation District 1 Ball Park Drive McMechen, WV 26040	Surveying, Subsurface Exploration, and Design of Landslide Remediation.	\$350,000	50%
Wheeling Creek Dam #7 Landslide Evaluation, Ohio County, WV	Northern Panhandle Conservation District 1 Ball Park Drive McMechen, WV 26040	Surveying, Subsurface Exploration, and Design of Landslide Remediation.	\$800,000	20%
Armory Lot Retaining Wall Replacement	City of Morgantown Parking Authority 300 Spruce Street Morgantown, WV 26505	Design of Failed Retaining Wall.	\$200,000	90%
Kinetic Park Landslide Remediation	Huntington Municipal Development Authority 800 5 th Avenue Huntington, WV 25701	Design of Landslide Repair.	\$3,900,000	98%
Friends of Cheat, Cheat River Rail Trail Landslide & Drainage Evaluation	Friends of the Cheat 1343 N. Preston Highway Kingwood, WV 26537	Field Review of the Existing Trail and Recommendations for Landslide abatement and drainage improvements.	TBD	80%
Howesville Area Water Line Extension Preston County, WV <i>Project mostly funded by WVDEP, AML</i>	Preston County PSD #2 c/o Kingwood Water Works 313 Tunnelton Street Kingwood, WV 26537	Design and construction management of water line extension, including 12 miles of line and one 60,000-gallon tank.	\$2,801,344	98%
Herring Sub Area 1 & 3 Water Line Extension Preston County, WV <i>Project entirely funded by WVDEP, AML</i>	Preston County PSD #2 c/o Kingwood Water Works 313 Tunnelton Street Kingwood, WV 26537	Design and construction management of water line extension, including 9 miles of line.	\$2,190,000	10%

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Kingwood Landfill, Landfill Closure Design Kingwood, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	Preparation of construction drawings, technical specifications, engineer's construction cost estimate, and calculations brief for closure of landfill.	\$6,000,000	98%
Boone County Public Service District Wastewater Treatment Plant Upgrade Boone County, WV	Boone County PSD PO Box 287 Danville, WV 25053	Final design of wastewater treatment plant upgrade.	\$4,000,000	75%
Town of Mill Creek Water System Improvements Mill Creek, WV	Town of Mill Creek High Street Mill Creek, WV 26280	Design of water line replacement including construction documents.	\$2,650,000	95%
Cowen Public Service District, Erbacon Water Line Extension	Cowen PSD 7017 Webster Road Cowen, WV 26206	Design of 8-mile water line extension including construction documents.	\$6,500,000	90%
West Virginia American Water Master Services Agreement	West Virginia American Water PO Box 1906 Charleston, WV 25327	Design of Olcott water line extension, construction monitoring of various water line construction projects, and river water study.	\$5,000,000	30%
South Charleston Park Place Development (Retail Shopping Center)	South Charleston Development Authority PO Box 8597 South Charleston, WV 25303	Civil/site, geotechnical design, construction monitoring to close, fill, and develop 80-acre shopping center over a waste impoundment.	\$30,000,000	60%

TOTAL NUMBER OF PROJECTS:

TOTAL ESTIMATED CONSTRUCTION COSTS:

13 (POTESTA has completed well over 1000 projects.)

\$67,291,344

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD

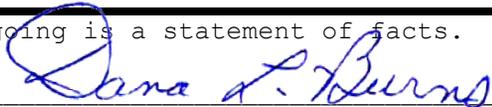
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
North Edgemont Landslide Remediation	Huntington Sanitary Board 555 Seventh Ave. Huntington, WV 25701	\$750,000	2019	Yes
South Charleston Landfill, Landfill Closure Design South Charleston, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	\$2,500,000	2017	Yes
Cheyenne Coal Sales	WVDEP Office of Special Reclamation 47 School Street, Suite 301 Philippi, WV 26416	\$2,500,000	2017	YES
Mt. Calvary Cemetery Landslide, Wheeling, WV	Wheeling-Charleston Diocese 1300 Byron Street PO Box 230 Wheeling, WV 26003	\$350,000	2019	Yes
Jacob Street Landslide Repair, Morgantown, WV	City of Morgantown 389 Spruce Street Morgantown, WV 26505	\$350,000	2018	Yes
WVDOT/DOH - Geotechnical Services, WVSR 4 Repair and Stabilization, Kanawha/Clay Counties, WV	WVDOT/DOH-Dist. 4 PO Box 4220 Clarksburg, WV 26302	Emergency Project, Budget not Available	2016	Yes
Marshall Portal Landslide Repair	MEPCO, LLC 966 Crafts Run Road Maidsville, WV 26541	\$200,000	2018	Yes
Crany Mine Dump Wyoming County, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	\$2,200,000	2016	Yes
Nixon Ridge Landslide Remediation	K&N Contracting 2976 Wills Creek Road Elkview, WV 25701	\$2,400,000	2020	Yes

19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.

Potesta & Associates, Inc.'s (POTESTA) "Expression of Interest for Professional Engineering Design Services and Construction Monitoring Services for the Ethel Hollow Phase II and Phase III Project" supports this questionnaire in providing POTESTA's qualifications and resources for serving the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation on this project. In summary, POTESTA:

1. Has assembled a team of in-house personnel and subcontractors who have historically worked on AML projects. POTESTA's in-house staff includes 13 Professional Engineers including 9 in the primary office, three of whom have worked on over 75 AML projects.
2. Has a large local staff with a unique multidiscipline technical emphasis (including civil engineering, structural engineering, geological engineering, hydrological engineering, mine land reclamation, with a strong emphasis on water quality and aquatic life and toxicity).
3. Has 15+ employees with experience on WVDEP AML projects. POTESTA employees have worked on and have experience in the following type of WVDEP AML projects:
 - Reclamation of Refuse Piles
 - Rehabilitation/Maintenance of Prior Projects
 - Landslides
 - Assessment of Contamination (e.g., PCBs, asbestos)
 - Demolition of Structures
 - Diversion Structures
 - Identifying Acid Mine Drainage
 - Inventory of Residential Water Supplies
 - Water Supply Feasibility Studies and Design
 - Mine Fires
 - Passive Acid Mine Drainage Treatment
 - Sealing Mine Portals
 - Stream Relocations/Natural Stream Design
 - Subsidence Assessment and Remediation
 - USCOE Permitting
 - Wetland Assessments
4. Can handle a substantial AML workload (more than our competitors) since POTESTA has three Professional Engineer (P.E.) Project Managers each with experience on 75+ AML projects.
5. Offices located in Charleston, West Virginia in close proximity to WVDEP's Charleston office, with offices in Morgantown, West Virginia close to WVDEP Bridgeport office and Winchester, Virginia.
6. Staff has had a positive relationship with WVDEP, AML in the past, which we would like to continue.

20. The foregoing is a statement of facts.

Signature: 

Title: Vice President

Date: March 18, 2021

Printed Name: Dana L. Burns, PE

APPENDIX B

APPENDIX C



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

**State of West Virginia
 Centralized Expression of Interest
 Architect/Engr**

Proc Folder: 835175			Reason for Modification: Addendum #1 issued to publish agency responses to vendor questions.
Doc Description: EOI - Ethel Hollow Phase II and Phase III			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-03-12	2021-03-18 13:30	CEOI 0313 DEP2100000003	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000173443
Vendor Name : Potesta & Associates, Inc.
Address : 7012
Street : MacCorkle Avenue, SE
City : Charleston
State : West Virginia **Country :** United States **Zip :** 25304
Principal Contact : Dana L. Burns. P.E.
Vendor Contact Phone: (304) 342-1400 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor
 Signature X

FEIN# 311509066

DATE March 18, 2021

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

ADDITIONAL INFORMATION

Addendum

Addendum #1 issued to distribute the attached documentation to the vendor community.

 The Acquisitions and Contract Administration Section of the Purchasing Division ("Purchasing Division") is soliciting Expression(s) of Interest ("EOI" or "Bids") for West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) ("Agency"), from qualified firms to provide architectural/engineering services

The mission or purpose of the project for which bids are being solicited is to provide the following design services for the Ethel Hollow Phase II and Phase III projects ("Project").

- .Perform site investigation.
- .Design access for construction and future maintenance access.
- .Design of drainage conveyances, including drainage channels, underdrains, and/or other controls to safely convey water off site.
- .Refuse reclamation.
- .Condition and revegetate all disturbed areas.

Per the bid requirements, specifications and terms and conditions attached hereto.

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:

*Dates of Service are estimated for bidding purposes only.

SCHEDULE OF EVENTS

Line	Event	Event Date
------	-------	------------



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

State of West Virginia
 Centralized Expression of Interest
 Architect/Engr

Proc Folder: 835175
Doc Description: EOI - Ethel Hollow Phase II and Phase III
Reason for Modification:
Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2021-02-17	2021-03-18 13:30	CEOI 0313 DEP2100000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000173443
Vendor Name : Potesta & Associates, Inc.
Address : 7012
Street : MacCorkle Avenue, SE
City : Charleston
State : West Virginia **Country :** United States **Zip :** 25304
Principal Contact : Dana L. Burns, P.E.
Vendor Contact Phone: (304) 342-1400 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X  **FEIN#** 311509066 **DATE** March 18, 2021

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

ADDITIONAL INFORMATION

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- .Refuse reclamation.
- .Condition and revegetate all disturbed areas.

Per the bid requirements, specifications and terms and conditions attached hereto.

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:

*Dates of Service are estimated for bidding purposes only.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
-------------	--------------	-------------------

	Document Phase	Document Description	Page
DEP2100000003	Final	EOI - Ethel Hollow Phase II and Phase III	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

D. Mark Kiser, CHIEF ENGINEER
(Name, Title)
D. Mark Kiser, P.E., Chief Engineer
D. Mark Kiser, P.E., Chief Engineer
(Printed Name and Title)
7012 MacCorkle Avenue, SE, Charleston, WV 25304
7012 MacCorkle Avenue, SE, Charleston, WV 25304
(Address)
(304) 342-1400 / (304) 343-9031
(304) 342-1400 / (304) 343-9031
(Phone Number) / (Fax Number)
dmkiser@potesta.com
dmkiser@potesta.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Potesta & Associates, Inc.
(Company)

Dana L. Burns Dana L. Burns, P.E., Vice President
(Authorized Signature) (Representative Name, Title)

Dana L. Burns, P.E., Vice President
(Printed Name and Title of Authorized Representative)

March 18, 2021
(Date)

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DEP21*03

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

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

Addendum Numbers Received:

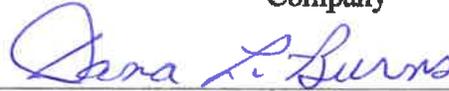
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Potesta & Associates, Inc.

Company



Authorized Signature

March 18, 2021

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

You must complete this form for your AML contracting officer to request an eligibility evaluation from the Office of Surface Mining Reclamation and Enforcement (OSMRE) to determine if you are eligible to receive an AML contract. This requirement applies to contractors and their sub-contractors and can be found under OSMRE's regulations at 30 CFR 874.16. **NOTE:** This form must be signed and dated within 30 days of submission to be considered for a current bid.

Part A: General Information

Business Name: Potesta & Associates, Inc.
Tax ID #: 31-1509066
Address: 7012 MacCorkle Avenue, SE
City, State, & Zip: Charleston, WV 25304
Phone Number: (304) 342-1400
Email Address: dlburns@potesta.com

Part B: Obtain an Organizational Family Tree (OFT) from the Applicant Violator System (AVS)

If you plan to certify the existing AVS information or submit updates under Part C, you must include an OFT. To obtain an OFT, you may contact the AVS Office at 800-643-9748 or from the AVS website at: <https://avss.osmre.gov/>. Instructions for how to download an OFT from the AVS can be found at: <https://www.osmre.gov/programs/AVS/aml-instructions.pdf>.

Part C: Certifying and updating information in the AVS

Select only one of the following options, follow the instructions for that option, and sign and date below.

I, Dana L. Burns, PE, PS, have express authority to certify that:
(Print Name)

- 1. Our business is in the AVS and is accurate, complete, and up-to-date. If you select this option, you must attach an Entity OFT from the AVS to this form. Do not complete Part D.
- 2. Our business is in the AVS but needs to be updated. If you select this option you must attach an Entity OFT from the AVS to this form. Use Part D to provide the missing or corrected information.
- 3. Our business is not in the AVS and needs to be added. Complete Part D.

March 18, 2021
Date


Signature

Vice President
Title



AVS OFT Report - 3/4/2021 1:23:45 PM

All OFT's where the selected entity is listed as an entity or related entity

Entity Selected (247598) Potesta & Associates Inc

Parent Entity	Relationship	Description	Related Entity	% Ownership	Begin Date	End Date
(247598) Potesta & Associates Inc	Vice President		(247600) Dana L Burns		3/7/1997	
(247598) Potesta & Associates Inc	Shareholder		(247600) Dana L Burns	25%	3/7/1997	
(247598) Potesta & Associates Inc	President		(247599) Ronald R Potesta		3/7/1997	
(247598) Potesta & Associates Inc	Shareholder		(247599) Ronald R Potesta	75%	3/7/1997	

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

Name of Contracting Business Entity: Potesta & Associates, Inc. **Address:** 7012 MacCorkle Avenue, SE
Charleston, WV 25304

Name of Authorized Agent: Dana L. Burns, PE, PS **Address:** Same as Above

Contract Number: CEOI 0313 DEP2100000003 **Contract Description:** Ethel Hollow Phase II and Phase III

Governmental agency awarding contract: WVDEP Office of Abandoned Mine Land & Reclamation

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (*attach additional pages if necessary*):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Ron Potesta
Dana Burns

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: *Dana L. Burns*

Date Signed: March 18, 2021

Notary Verification

State of West Virginia, County of Kanawha:

I, Charlene L. Racer, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 18th day of March, 2021.

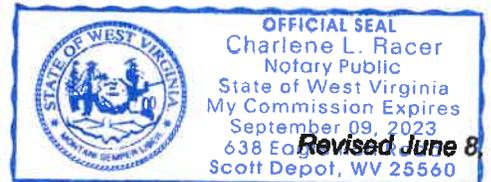
Charlene L. Racer
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Potesta & Associates, Inc.

Authorized Signature: *Dana L. Burns* Date: March 18, 2021

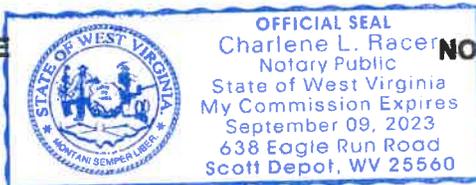
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 18 day of March, 2021.

My Commission expires September 9, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC

Charlene L. Racer