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Header 1

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Procurement Folder: 918801


Procurement Type: Central Purchase Order

Vendor ID: 000000173443 

Legal Name: POTESTA & ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 09/16/2021 

Response Time: 11:25

Responded By User ID: Potesta 

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SO Doc Code: CEOI

SO Dept: 0313

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Solicitation Description: EOI - 2021 Design Group C Projects 

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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: 918801
Solicitation Description: EOI - 2021 Design Group C Projects
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2021-09-16 13:30	SR 0313 ESR09162100000001920	1

VENDOR
000000173443
POTESTA & ASSOCIATES INC

Solicitation Number: CEOI 0313 DEP2200000004

Total Bid: 0 **Response Date:** 2021-09-16 **Response Time:** 11:25:04

Comments:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
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joseph.e.hageriii@wv.gov

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 - Flatbush Highwall				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	EOI Engineering Design Services - Fords Run Drainage				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

*Dates of Service are estimated for bidding purposes only.

EXPRESSION OF INTEREST

Prepared for:

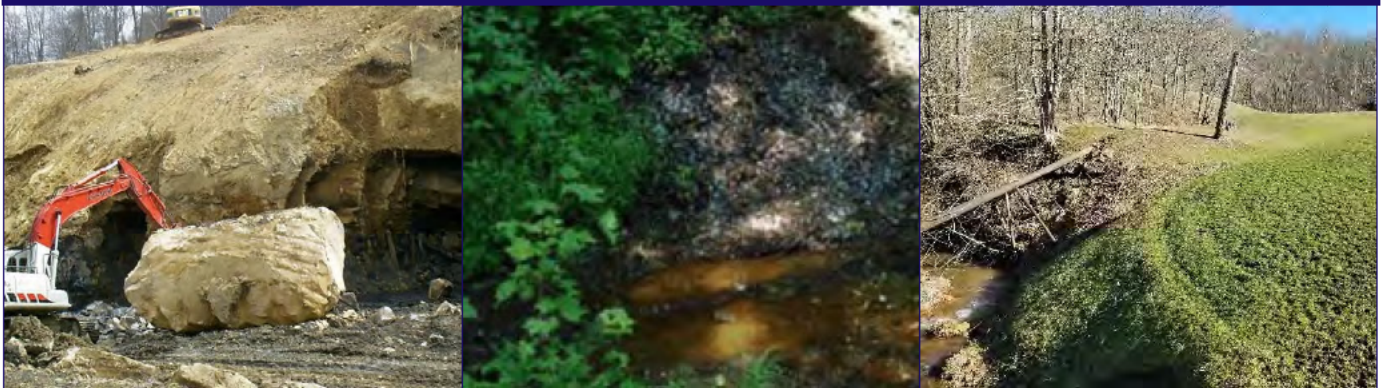


WVDEP-DLR-AML

**EOI for 2021 Design Group C Projects
CEOI 0313 DEP2200000004**



Providing innovative, timely, cost-effective environmental solutions



Offices in:

CHARLESTON

7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

MORGANTOWN

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WINCHESTER

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Winchester, VA 22601
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EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



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EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



1.1 CORPORATE HISTORY AND EXPERIENCE

Potesta & Associates, Inc. (POTESTA) proposes to provide professional architectural/engineering services to the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML). These services will consist of providing necessary engineering and other related professional services to provide the subsequent design services for the Flatbush Highwall and Fords Run Drainage projects.



POTESTA understands the project will consist of the following design services:

- Perform Site and Geotechnical Investigations
- Design temporary/permanent access(es) for construction and future maintenance
- Design to repair drainageway through exposed and heavily scoured refuse to convey runoff
- Design replacement drainage structure to convey Fords Run through the site
- Design to repair or replace existing drainage structures
- Design highway relocation, if required
- Design to mitigate exposed refuse
- Locate onsite borrow material to cover exposed refuse
- Design to stabilize landslides, if required
- Design of highwall reclamation
- Design to mitigate AMD drainage, including possible horizontal borings
- Design to mitigate AMD impacted ponded area and drainage

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, chemical, 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 university dorms and commercial/residential developments, to power plant foundations to mine layouts/reclamation of abandoned mine lands) throughout the region. Our 14 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.

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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 2019, Various Software Design Packages, Digitizing & Plotting*)
- Chemical Engineering
- **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*)
- 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**

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

- 5 Engineers, Including 3 Professional Engineers
- 1 Scientists (Biologists, Ecologists, Environmental Scientists, Etc.)
- 1 CADD Operators/Designer
- 1 Technicians/Construction Monitors
- 1 Land Acquisition Specialist
- 1 Support and Other Staff

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

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

POTESTA, since starting in 1997, has grown to approximately 74 employees in three offices. Included are 13 registered professional engineers (R.P.E.s), 3 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-DLR-AML on numerous AML projects. In fact, our staff has worked on over 160 AML projects for WVDEP-DLR-AML (and more in other states) on four different WVDEP-DLR-AML contracts dating back into the mid-1980s. We have an ongoing workload with WVDEP-DLR-AML.

POTESTA will perform the work for this project from our Morgantown, West Virginia office. Our Morgantown office is in close proximity to WVDEP's Bridgeport office and will facilitate immediate response to your needs and allow meetings to be attended within minutes notice. In addition, we can draw upon support from our Charleston office which also has extensive experience with AML projects. POTESTA emphasizes that we will make a priority commitment to this project.

POTESTA has completed projects involving geotechnical, civil, structural, geological, hydrological and reclamation engineering; land use and natural resource planning; soil science/agronomy; hydrology/geology; stream and water restoration; 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 geotechnical design and remediation. As a result, POTESTA will provide the required expertise to complete this AML project in a timely, economical, and efficient manner.

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1.0 QUALIFICATIONS



POTESTA has assembled a successful team of employees that have historically worked on WVDEP-DLR-AML projects. In fact, our staff has 125+ years' experience working on WVDEP-DLR-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-DLR-AML.

POTESTA has 20+ employees with experience on WVDEP-DLR-AML projects. POTESTA employees have worked on and have experience in the following WVDEP-DLR-AML projects:

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

POTESTA has completed several AML projects and projects similar to WVDEP-DLR-AML type projects. These include evaluating mine drainage from pre-SMCRA sites, watershed assessments including evaluation of impact from AMD including AMD from pre-SMCRA sites, detention pond designs, wetland/stream studies, water line design and construction administration and observation, design and permitting of landslides, refuse piles and slurry impoundments, reclamation designs for WVDEP-DLR-AML, sanitary and storm sewer design, LCAP, stream monitoring, development of grading plans, mine reclamation liability assessments, natural stream design, mine site design and permitting, and design of numerous storm water structures.



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The following describes POTESta's qualifications for the surveying, aerial mapping, subsurface exploration, and laboratory services necessary for this project.

POTESta proposes to utilize our own survey crews on this project. POTESta will perform the surveying required for this contract using in-house personnel. POTESta has three 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 and the capability to add a fourth crew if necessary.

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 2019, 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 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.

"Project Managed by Tim Rice"

**Appalachian Regional Award
Winner:** *Blackwater River Limestone
Drum Station, West Virginia - The
WVDEP-DLR-AML project eliminated
one of the major sources of acid mine
drainage in the state and reestablished
the Blackwater River as one of West
Virginia's premier trout fishing areas.
The project also improved water quality
in other downstream rivers, including
the Cheat and the Ohio.*



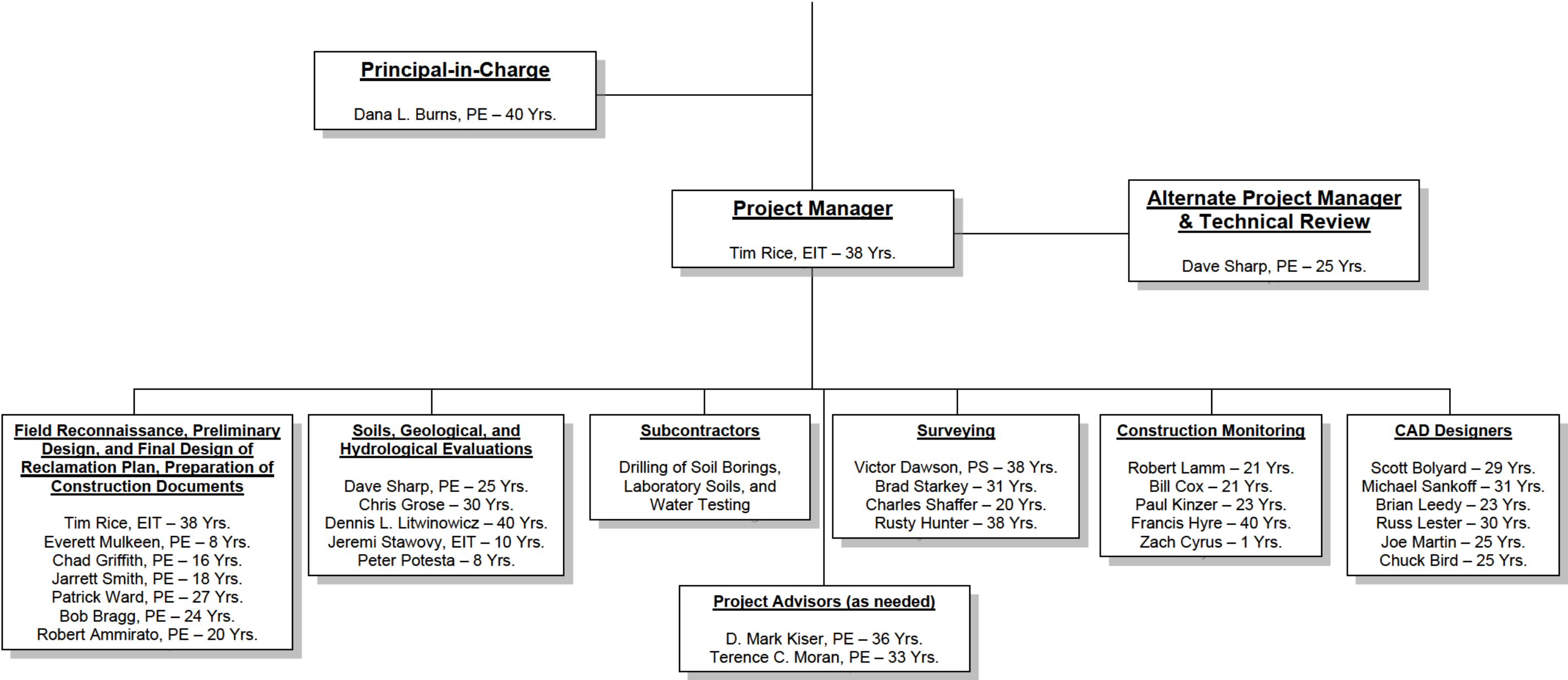


1.0 QUALIFICATIONS

1.2 Primary Staff Experience, Qualifications, & Performance Data



WVDEP-DLR-AML

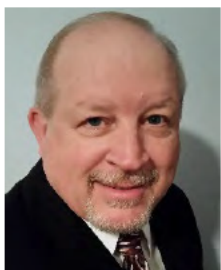


EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



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-DLR-AML from 1986 through 1997 totaling over 65 projects. In addition, Mr. Burns has served as the principal-in-charge for numerous other WVDEP-DLR-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. Tim Rice will serve as the **project manager** and the primary contact for this project. 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; 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. Mr. Rice is familiar with management of subcontractors, as well as managing staff and equipment needs for the design team.

[REFERENCE]

**Office of Surface Mining
Reclamation and
Enforcement,
Charleston Field Office**

Mr. Mike Richardson
Physical Scientist
1027 Virginia Street, East
Charleston, WV 25301
(304) 613-1757
mrichardson@osmre.gov

[REFERENCE]

Town of Granville

Honorable Patty Lewis
Mayor
PO Box 119
Granville, WV 26534
(304) 599-5080
plewis@townofgranvillewv.gov

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



Mr. David B. Sharp, P.E., will serve as the **alternate project manager and technical reviewer**. Mr. Sharp is the Branch Manager of POTEITA'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. 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 POTEITA in their Charleston, West Virginia office and has worked on WVDEP-DLR-AML projects since 1990. Mr. Grose will evaluate slope stability issues with respect to regraded coal refuse, landslide abatement, or other steep slope applications.

[REFERENCE]

West Virginia Conservation Agency

Mr. Levi Cyphers
Morgantown Field Office
201 Scott Avenue
Morgantown, WV 26508
(304) 285-3118
lcyphers@wvca.us



**Geotechnical
engineering
services are a
vital part
of any
construction
project!**

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



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 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.

Messrs. Mark Kiser, P.E., and Terence Moran, P.E., will serve as **project advisors** if needed. Mr. Kiser has served as a project manager/project engineer for over 40 AML projects in West Virginia. Mr. Kiser has over 36 years of experience in civil and environmental engineering projects including evaluation, design, preparation of plans and specifications, and construction administration. He has worked on over 65 AML projects as well as extensive experience with the coal industry. Mr. Kiser performs constructability reviews on our projects during and after design. Mr. Kiser is currently POTEESTA's project manager for POTEESTA's WVDEP, LCAP contract.

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, 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-DLR-AML is satisfied with POTEESTA's work by ensuring that proper QA/QC and timeliness are adhered to.

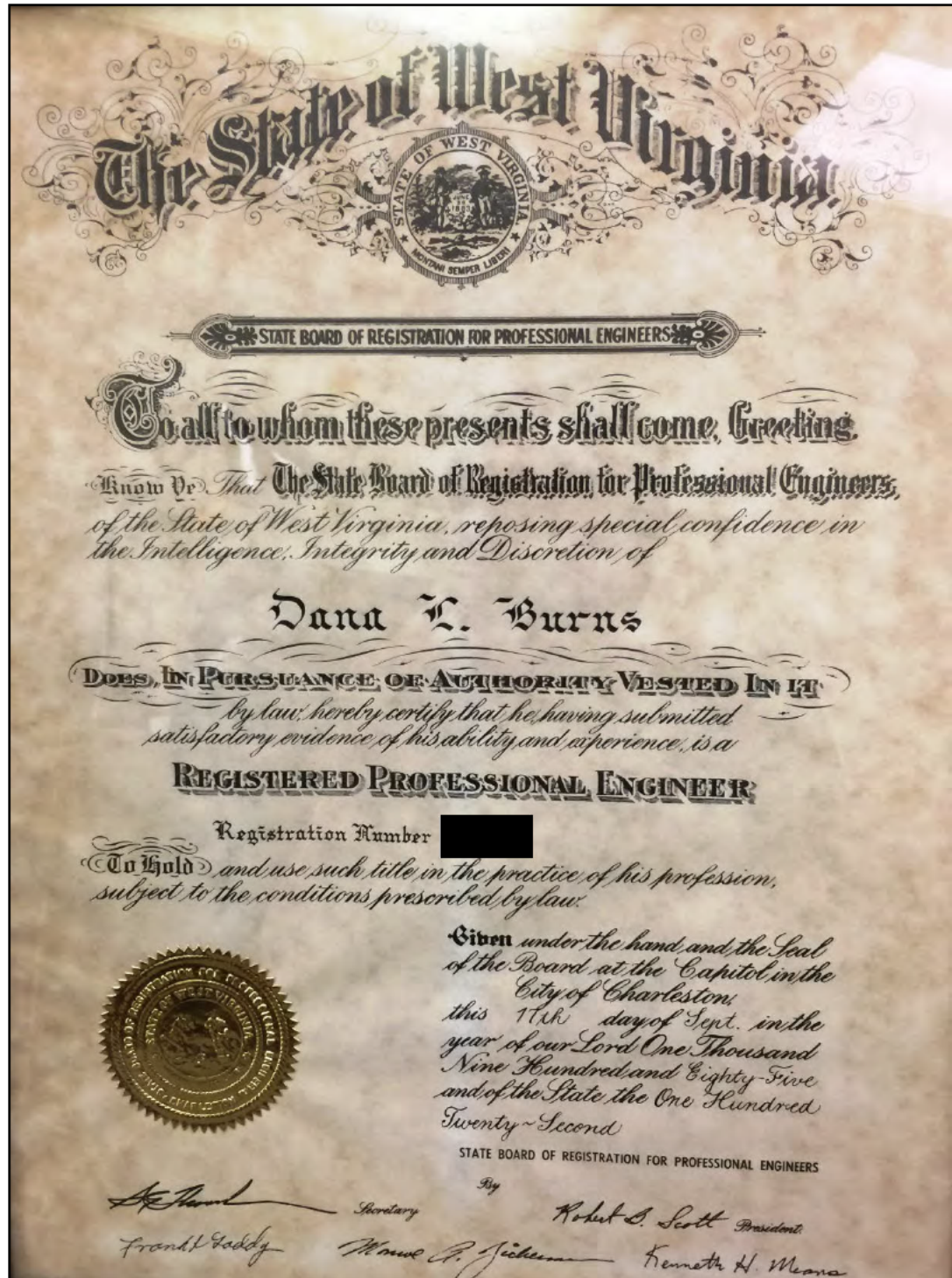
Abbreviated personal history statements of primary staff and more detailed descriptions of staff experience are presented in the AML Consultant Confidential Qualification Questionnaire in **Appendix A**, and the AML and Related Project Experience Matrix in **Appendix B**.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS

Primary Staff Professional Certifications

Principal-in-Charge



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS

Primary Staff Professional Certifications

Alternate Project Manager & Technical Review



1.0 QUALIFICATIONS



1.3 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 a project like the 2021 Design Group C Projects where the services required include but are not limited to: (1) design temporary/permanent access(es) for construction and future maintenance; (2) design to repair drainageway through exposed and heavily scoured refuse to convey runoff; (3) design replacement drainage structure to convey Fords Run through the site; (4) design to repair or replace existing drainage structures; (5) design highway relocation, if required; (6) design to mitigate exposed refuse; (7) locate onsite borrow material to cover exposed refuse; (8) design to stabilize landslides, if required; (9) design of highwall reclamation; (10) design to mitigate AMD drainage, including possible horizontal borings; and (11) design to mitigate AMD impacted ponded area and drainage.. POTESTA can conduct all design engineering work required for this project with present personnel. Subcontractors will only be used for drilling and laboratory services for soil and water.

POTESTA's project managers 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 scientists and geotechnical engineers such as Mr. Chris Grose and Mr. David Sharp, P.E., who have both worked on numerous AML projects; project engineers such as Jeremi Stawovy, E.I.T., Peter Potesta, Robert Ammirato, P.E., and Jarrett Smith, P.E.; Mr. Victor Dawson, PLS, who has worked on developing mapping or performing construction layout on projects dating back into the late 1980s; and POTESTA's team of CADD Operators whom have also worked on numerous AML projects.

Our corporate and staff's experience involves civil (including water supply systems), 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 are further exemplified in the following project briefs.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – Lake Lynn Complex – Monongalia County, West Virginia

POTESTA was retained by the WVDEP-DLR-AML 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 attended the pre-bid and pre-construction conferences with WVDEP-DLR-AML.



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1.0 QUALIFICATIONS



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

WVDEP-DLR-AML – Fairmont East Mine Drainage – Fairmont, West Virginia

POTESTA was retained by the WVDEP-DLR-AML to provide engineering services regarding the conveyance of mine seepage around residential areas and into the City of Fairmont's storm sewer system. The project area is located along Palatine Avenue and Mason Street. Abandoned underground mine works caused flooding problems along these streets. POTESTA performed the following tasks to complete this project:



- Mine map reviews.
- Survey to develop mapping.
- Subsurface exploration.
- Design of mine drainage collection system and storm sewer system to convey runoff to the City of Fairmont's storm sewer system.
- Design of collection system consisting of 15-inch corrugated plastic pipe to City of Fairmont's standards, including pavement overlay to impacted streets.

WVDEP-DLR-AML – Lando (Edwards) Drainage – Lando, West Virginia

POTESTA was retained by the WVDEP-DLR-AML for a project that included the regrading of mine spoil that had been formerly disposed of in this area, as well as installation of mine portal seals and drainage improvements. The project consisted of three sites:



- A refuse pile graded to flattened slopes and topped with a soil cover.
- Channeling and diverting into nearby streams some drainage affecting nearby residences.
- Rehabilitating two existing mine seals and installing one new mine seal.

POTESTA's work on the project included surveying and development of mapping, as well as development of the repair, drainage, and reclamation plans.

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

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WVDEP-DLR-AML – Taylorville (Cantrell) Drainage – Mingo County, West Virginia

POTESTA was retained by the WVDEP-DLR-AML to evaluate and develop a reclamation design for mine drainage impacting a community in Taylorville, Mingo County, West Virginia. POTESTA completed field reconnaissance and surveying to develop topographic mapping, and prepared construction bid documents for the reclamation design.

The Taylorville project included three different sites. The first site included mine drainage along the hillside behind a mobile home. The second site included mine drainage impacting a driveway and parking area. The third site included mine drainage above a house.

POTESTA designed underdrains to collect and convey drainage from the first two sites to the West Virginia Division of Highways (DOH) right-of-way. Approximately 1,100 feet of new corrugated plastic pipe with DOH Type G drop inlets were designed to convey mine drainage to Pigeon Creek, while also handling storm water from the DOH roadway. A standard wet mine seal was designed with riprap channels to handle the mine drainage at the third 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-DLR-AML with the project.



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WVDEP-DLR-AML – Sardis (Saas) Landslide – Harrison County, West Virginia

POTESTA was retained by WVDEP-DLR-AML to provide engineering and design services for remediation of two landslides and AMD that is being discharged from an abandoned deep mine in Harrison County, WV near the community of Sardis. The project consisted of two problem areas. One being a landslide that previously impacted CR 22 and is emitting AMD drainage to the existing roadside ditch and associated hillside. The landslide continued to show signs of instability and could impact the county road again in the future. The other problem area includes a previous AML project located approximately 1500-2000 feet south of the slide area causing AMD drainage issues that have been impacting local residential properties and their dwellings.

Based on observations and discussions with WVDEP-DLR-AML during the site visit POTESTA implemented the following reclamation approach.

- Perform field surveying to supplement mapping to be provided by WVDEP-DLR-AML.
- Perform subsurface exploration at the landslide and mine portals to estimate current water levels, void thicknesses, and portal floor elevations.
- Provide design to stabilize the landslide.
- Wet mine seals, seep collectors, or horizontal borings will be provided for the various mine entries and seeps identified within the project area.
- Drainage channels and/or subsurface drains will be provided to convey mine drainage to nearby ditches, culverts and receiving streams.
- Areas disturbed during drilling will be revegetated.



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1.0 QUALIFICATIONS



WVDEP-DLR-AML – Taylorville (Ray) Landslide Emergency – Mingo County, West Virginia

POTESTA was retained by the West WVDEP-DLR-AML to develop a stabilization plan for a landslide project at Taylorville, Mingo County, West Virginia. Following a period of heavy precipitation, a landslide occurred on a steep hillside behind a mobile home. The landslide pushed the mobile home off its foundation and destroyed a one-room extension along the rear of the mobile home.

POTESTA surveyed the landslide area to develop topographic mapping, prepared a stabilization plan to remove the landslide soils and backfill the area with a rock buttress. The stabilization plan also included an underdrain at the base of the rock buttress to convey drainage to the Taylorville (Cantrell) project drainage system. The plan called for 2,000 cubic yards of unclassified excavation, 1,750 cubic yards of shot rock backfill (buttress construction), 200 cubic yards of soil cover, and 400 feet of underdrain.

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



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS

WVDEP-DLR-AML – Borderland (Matney) Portal – Borderland, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands to prepare plans and specifications for installation of mine portal seals and a drainage system around a residence. The project consisted of correction of uncontrolled seepage from collapsed mine portals. The drainage presented problems for the property owners and was having an adverse impact on the environment. The discharge of impounded water from the underground mine works is a serious threat to life and property due to the potential it poses for a blow-out.

The project required six mine portal seals, three double block wet seals and three conventional single block wet seals. Bat gates were installed in two seals. The portals were adjacent to a residence and required plans for drainage channels to divert discharge from the portals through the residence property to a nearby stream. Regrading and revegetation of all areas disturbed during construction were also required.



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-DLR-AML with the project.



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – Jessop Highwall #10 – Tunnelton, West Virginia

POTESTA was retained by the WVDEP-DLR-AML 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 3 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-DLR-AML with the project.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – John’s Branch Coal Refuse Dam Reclamation Project – Wyoming County, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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, non-reclaimed 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-DLR-AML 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.



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – Kopperston – John’s Branch Refuse Pile Emergency Project – Wyoming County, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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-DLR-AML 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.



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – Measle Fork Refuse – Wyoming County, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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-DLR-AML with the project.



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



WVDEP-DLR-AML – Mountain Run Refuse and Portals – Masontown, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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-DLR-AML with the project.

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1.0 QUALIFICATIONS



WVDEP-DLR-AML – Rachel Refuse and Structures – Marion County, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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-DLR-AML with the project.



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1.0 QUALIFICATIONS

WVDEP-DLR-AML – Sundial (Hatfield) Refuse Piles – Raleigh County, West Virginia

POTESTA was selected by the WVDEP-DLR-AML 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-DLR-AML with contract administration and performed construction observation services during the construction phase of the project.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



Friends of the Cheat – Dream Mountain AMD Treatment – Preston County, West Virginia

POTESTA was retained by the Friends of the Cheat (FOC), a watershed group formed to “restore, preserve, and promote the outstanding natural qualities of the Cheat River watershed,” to provide consulting services for an acid mine drainage treatment project located within the Dream Mountain Game Ranch in Preston County, West Virginia. In addition to the FOC, the project was also done in coordination with West Virginia University’s National Mine Land Reclamation Center.

POTESTA performed aerial mapping, surveying, geotechnical services, civil/site design, and preparation of construction bidding documents and technical specifications, as well as review of bid results and limited construction monitoring services. The project involved:

- The design and layout of nearly 1 mile of open limestone channel to convey AMD.
- Design of approximately 2,000 linear feet of conveyance piping and associated drainage basins to convey existing mine seeps.
- Design of a steel slag leach bed for treatment of the conveyed AMD.
- Design of a mixing basin and aerobic wetlands encompassing approximately 2.1 acres of “polishing” and further removal of metals prior to discharge into Muddy Creek.



Water from an existing pond on the game ranch was conveyed into the steel slag leach bed, along with the water captured from the existing seep, to raise the alkalinity of the water, where it was then added to the onsite AMD in the mixing basin to allow for metals, such as iron and manganese, to drop out in either the mixing basin or aerobic wetlands.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



Friends of the Cheat – Gary Connor AMD Treatment – Preston County, West Virginia

POTESTA was retained by the FOC, a watershed group formed to “restore, preserve, and promote the outstanding natural qualities of the Cheat River watershed,” to provide consulting services for an acid mine drainage treatment project located at the Gary Connor site in Preston County, West Virginia. In addition to the FOC, the project was completed in coordination with West Virginia University’s National Mine Land Reclamation Center (WVU-NMLRC).

POTESTA performed aerial mapping, surveying, civil/site design, preparation of Construction Bidding Documents and Technical Specifications. The project involved:

- The design and layout of nearly 1 mile of open limestone channel to convey acid mine drainage (AMD) from various seeps located on-site, as well as treated water to the unnamed tributary of Glade Run.
- Design of a limestone leach bed for treatment of the conveyed AMD.
- Design of aerobic wetlands for “polishing” and further removal of metals prior to discharge into the unnamed tributary of Glade Run.
- Several design iterations and revisions performed to adjust the project to meet the needs/concerns of property owners. Design information also provided to WVU NMLRC to assist in WVDEP Construction Stormwater and United States Army Corp of Engineers permit applications.



In addition to treating the AMD for the project area, the design of treatment facilities was done to reduce impacts to the property owner’s usable space, and minor improvements to the property owner’s fields.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



Clearfield Creek Watershed Association – Brubaker Run Acid Mine Drainage – Cambria County, Pennsylvania

POTESTA was retained by Clearfield Creek Watershed Association (CCWA) to investigate the feasibility of restoring Brubaker Run, which was severely impacted by AMD, located in Cambria County, Pennsylvania, near the town of Dean. Most of the AMD is from a single point source where the discharge emanates from an abandon clay mine called the Harbison-Walker Dean Clay Mine (Dean Mine). The AMD discharge from the Dean Mine is located approximately 1.4 miles from the confluence of Brubaker Run with Clearfield Creek. Brubaker Run at the confluence with Clearfield Creek has current acidity levels of greater than 300 mg/L (as CaCO₃ at a pH of 3.2) resulting in approximately 12 miles of Clearfield Creek being severely impacted. The mine pool coverage is estimated to be 25 acres.

POTESTA's field services included the construction of a weir to provide flow measurements of the primary AMD point, water quality testing, and a tracer study regarding surface flow to the discharge emanating from BRU-1. The mine discharge had a flow rate around 250 gpm, pH of 3.3, and contained very high concentrations of total and dissolved metals.

The scope of the report was to provide five alternative concept designs to try and reduce AMD below scientifically acceptable aquatic threshold standards of TSS < 70 mg/l, aluminum < 0.75 mg/L, iron < 6.0 mg/L, manganese < 4.0 mg/L, and pH > 6.0. The five alternative concepts were explored from the following categories: one mine seal and in-situ mine treatment, one passive treatment, two hybrid active/passive treatments, and one full active treatment.

POTESTA's report outlined our field services, historical data, the various alternatives, sludge management, and an engineer's estimate of probably cost. The five designs discussed in this report are:

- Mine Seal and Alkaline Addition to Underground Mine Works
- Vertical Flow Ponds
- Self Flushing Limestone Treatment System
- Chemical Treatment and Flocculation Treatment with Aerobic Wetlands Polishing
- In-Stream Dosing



Conceptual level drawings were developed for alternatives showing approximated sizes, locations and proposed features. Sludge management was a very important part of understanding preliminary operation and maintenance cost associated with different alternatives.

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1.0 QUALIFICATIONS



Commonwealth of Virginia, Department of Mines, Minerals and Energy – Puckett/Ely Creek Acid Mine Drainage Remediation Project I– Puckett Creek and Ely Creek Watersheds near St. Charles, Virginia

POTESTA was selected by the Commonwealth of Virginia's Department of Mines, Minerals and Energy to develop an engineering report, construction plans and specifications, and a material schedule for Puckett/Ely Creek Acid Mine Drainage Remediation Project I. The project responsibilities are more specifically described as follows:

- Development of engineering reports and construction plans and specifications to remediate acid mine drainage (AMD) at three sites using AMD passive treatment systems.
- Final designs to meet Natural Resource Conservation Service (NRCS) practice standards and requirements from other agencies involved with this project, including Virginia Department of Transportation, U. S. Army Corps of Engineers, Virginia Department of Environmental Quality, Virginia Marine Resources Commission, Virginia Department of Game and Inland Fisheries, the U. S. Fish & Wildlife Service and the Daniel Boone Soil and Water Conservation District.
- Placement of spoil and sediments on previously disturbed areas identified by the Agency.
- Inclusion of stream habitat structures in plans and specifications where feasible.
- Provision of plans and specifications that include, but are not limited to, plan views, cross sections, maps, photographs, and drawings.



EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



Commonwealth of Virginia, Department of Mines, Minerals and Energy – Bevins Landslide Emergency – Buchanan County, Virginia

POTESTA was retained by the Commonwealth of Virginia, Department of Mines, Minerals and Energy, Abandoned Mine Land Program (DMME-AML) to provide professional engineering design services under the Small Purchase Procurement Program for Professional Services (09AML06). These services consisted of developing an engineering report, construction plans and specifications, and a material schedule for the Bevins Landslide Emergency Project in Buchanan County, Virginia.



- Stabilization/removal of a slide that occurred behind the Bevins residence.
- Removal and disposal of slide material that has already been deposited on the old mine bench.
- Installation of temporary and permanent drainage control measures.
- Upgrade of the existing entrance roadway onto the mine bench where the Bevins residence is located.
- Installation of required erosion and sedimentation control measures including revegetation of disturbed areas of the site.



POTESTA performed the surveying, subsurface exploration, and geotechnical design necessary to complete this project.

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



1.4 Management Plan and Location of Facilities

Management Plan

POTESTA's proposed project **organization chart** including key staff and subcontractors was presented on **Page 7** of this EOI. Work will be performed at POTESTA's Morgantown, West Virginia office or on-site as may be required.

POTESTA's professional, technical, and support staff have extensive experience on WVDEP-DLR-AML projects including many AMD investigation and remediation projects as well as reclamation/drainage projects. We are well qualified to serve WVDEP-DLR-AML 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 on an accelerated schedule if necessary.



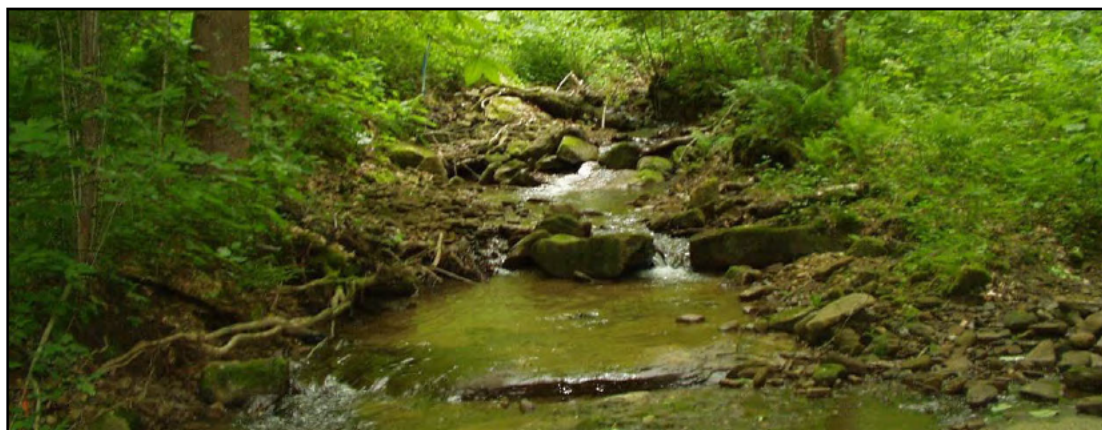
POTESTA's principal-in-charge will be responsible for contract management (administration) and shall coordinate and direct all aspects of the project. The principal-in-charge will review the proposed project, work with the project manager to assemble a project team and appoint key staff to develop a proposed scope of work. The principal-in-charge and/or project manager will visit the site with WVDEP-DLR-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-DLR-AML for review. The project manager will review the proposal with the WVDEP-DLR-AML including a task-by-task discussion of work items and the related costs. Upon WVDEP-DLR-AML's approval of the proposal,

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



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 to the WVDEP-DLR-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. Tim Rice. Mr. Dave Sharp, P.E., will serve as an alternate project manager for quality assurance/quality control. 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. They will also review work products at intermediate points and prior to project completion. They will conduct project status reports which may include weekly meetings, memos, or telephone calls with the WVDEP-DLR-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-DLR-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-DLR-AML has indicated that preliminary design documents will be due 90 calendar days from the issuance of the Purchase Order to the awarded vendor for each of the two projects included in the Group C 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. POTESta's staff enters time into POTESta's InFocus computer system on a daily and/or weekly basis. POTESta'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 90 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-DLR-AML project manager to develop a mutually acceptable adjustment to the schedule and/or work plan.

Location of Facilities

POTESta will complete the work under the Group C Project contract in our Morgantown, West Virginia office. Our subcontractors are located close to the two project areas and are quite familiar with the location of the two Group C Projects.

Quality Assurance/Quality Control

Submittals to the WVDEP-DLR-AML will be reviewed and commented on by the project manager and the principal-in-charge prior to submittal to the WVDEP-DLR-AML. Both the project managers and the principal-in-charge have worked on numerous WVDEP-DLR-AML projects, and thus understand the level of detail and expectations. POTESta utilizes standardized Quality Assurance/Quality Control (QA/QC) practices such as consistency checks, color coding of checked copies and calculations, as well as 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.

ACORD		POT&AS-01		JNGUYEN															
CERTIFICATE OF LIABILITY INSURANCE				DATE (MM/DD/YYYY) 3/8/2021															
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</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>																			
<p>PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102</p>		<p>CONTACT NAME: PHONE (A/C, No, Ext): (703) 827-2277 FAX (A/C, No) (703) 827-2279 E-MAIL: admin@amesgough.com ADDRESS:</p>																	
<p>INSURED Potesta & Associates, Inc. 7012 MacCorkle Avenue, SE Charleston, WV 25304</p>		<p>INSURER(S) AFFORDING COVERAGE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>INSURER</th> <th>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	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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<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>																			
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					EACH OCCURRENCE \$ 1,000,000														
					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000														
					MED EXP (Any one person) \$ 15,000														
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					GENERAL AGGREGATE \$ 2,000,000														
					PRODUCTS - COM/PROP AGG \$ 2,000,000														
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A	AUTOMOBILE LIABILITY																		
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C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY																		
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/INSURER EXCLUDED? (Mandatory in NH)	Y/N	6057035344	3/7/2021	3/7/2022														
	If yes, describe under DESCRIPTION OF OPERATIONS below	N N/A																	
					X PER STATUTE 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	Professional Liab.		MKLV7PL0004586	3/7/2021	3/7/2022														
					Per Claim/Aggregate 5,000,000														
<p>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.</p>																			
<p>CERTIFICATE HOLDER</p>			<p>CANCELLATION</p>																
<p>EVIDENCE OF COVERAGE</p>			<p>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p>																
			<p>AUTHORIZED REPRESENTATIVE</p> <p><i>[Signature]</i></p>																
<p>ACORD 25 (2016/03)</p>			<p>© 1988-2015 ACORD CORPORATION. All rights reserved. The ACORD name and logo are registered marks of ACORD</p>																

EXPRESSION OF INTEREST

1.0 QUALIFICATIONS



2.0 CLOSING

We look forward to continuing to serve WVDEP-DLR-AML on the 2021 Design Group C Projects and bring it to completion. Our staff has an abundance of experience with abandoned mine land reclamation, AMD and drainage improvement, and reclamation regrading projects throughout the region and will make our experienced personnel immediately available for this project. Our commitment is to provide quality service, rapid response, project completion, and to exceed expectations for services performed under this project. We believe the track record of our professionals demonstrates our abilities and we look forward to once again serving the WVDEP-DLR-AML and our great Mountain State.



APPENDIX A

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

PROJECT NAME 2021 Design Group C Projects		DATE (DAY, MONTH, YEAR) 16, September, 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"/> NO <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 <u> </u> 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> 1</u> INFORMATION TECHNOLOGIST <u> </u> CHEMIST <u> </u> OTHER	<u>74</u> TOTAL PERSONNEL	
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>13</u> *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.					
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".		
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Keddal Aerial Mapping 1121 Boyce Road, Suite 3100 Pittsburgh, Pennsylvania 15241	Aerial Photography and Mapping	<u> X </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
GeoMechanics, Inc. 600 Munir Drive P.O. Box 386 Elizabeth, PA 15037	Geotechnical Laboratory	<u> X </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Test Boring Services 140 Mong Road Scenery Hill, Pennsylvania 15360	Soils and Rock Boring	<u> X </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Pace Analytical 225 Industrial Park Road Beaver, WV 25813	Water Analytical Laboratory	<u> X </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
	Water Analytical	<u> </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		<u> </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		<u> </u> Yes <u> </u> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		<u> </u> Yes <u> </u> No

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 project managers, 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 seal, and water supply projects. POTEESTA has 15 staff with experience on AML projects. POTEESTA's principal engineers 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, and Terry Moran.

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 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 waterlines. POTEESTA has developed well over 100 storm water management plans for mines, industrial facilities and new site development projects throughout West Virginia.

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 line.

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.

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	REGISTRATION (Type, Year, State)
West Virginia Coal Association American Society of Civil Engineers West Virginia Association of Consulting Engineers American Consulting Engineering Council - Trans Committee	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:
Rice, Timothy M. Senior Engineer	32	38	32

Brief Explanation of Responsibilities

Mr. Rice will serve as Project Manager for this project. As primary contact, Mr. Rice will communicate between WVDEP and the design teams, subcontractors, and project advisors 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 alternate project manager and 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

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, 1999, WV PE, 2001, KY
PE, 1999, MD PE, 2001, OH
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

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	24	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. Mr. Kiser will also provide constructability reviews and QA/QC for the various draft submissions and final construction documents.

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:
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)

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
<p>Brief Explanation of Responsibilities</p> <p>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.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>MS, 1989, Civil Engineering BS, 1987, Civil Engineering</p>			
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:
Bragg, Bob L. Senior Engineer	0	2	24
<p>Brief Explanation of Responsibilities</p> <p>Mr. Bob L. Bragg, P.E, Senior Engineer, has over 24 years of experience working as a consultant in wastewater and water engineering in West Virginia. He has managed multiple municipal projects from their initial conception, through funding and design stages, all the way through construction and closeout. His experience also includes evaluation of alternatives to facility design to meet existing and future requirements, preparation of data for submission to state and federal government agencies to secure funding, appropriate permits, and approvals to proceed with project implementation, and design wastewater collection and potable water distribution systems layout.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>BS, 1992, Civil Engineering BS, 1983, Electrical Engineering Technology AS, 1980, Electrical Engineering Technology</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
American Water Works Association		PE, 1996, WV PE, 2004, VA PE, 2020, KY	

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		
Smith, Jarrett M. Senior Engineer	YEARS OF AML DESIGN EXPERIENCE: 10	YEARS OF AML RELATED DESIGN EXPERIENCE: 12	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 12
Brief Explanation of Responsibilities Mr. Smith has been involved extensively with development of hydrologic/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		
Ward, Patrick E. Senior Engineer	YEARS OF AML DESIGN EXPERIENCE: 11	YEARS OF AML RELATED DESIGN EXPERIENCE: 18	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 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		
Griffith, Chad Staff Engineer	YEARS OF AML DESIGN EXPERIENCE: 6	YEARS OF AML RELATED DESIGN EXPERIENCE: 8	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 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	

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

Microsoft Office 365

WordPerfect 11

Adobe PageMaker 8 (Publication Software)

MicroStation (Allows users to create 3D models of permanent assets - the models and all of their components are electronic simulations of real-world objects); used for CADD drawing preparation.

Haestad Methods (Numerous software packages used for designing storm water structures [e.g., channels, culverts, ponds, etc.] and water distribution systems.)

MapTech, Terrain Navigator (Combines regional collections of topographic maps with powerful PC navigation software for 2D/3D viewing, customizing, printing and GPS use.)

Autodesk Civil 3D Design Software 2019 Used for preparing CADD drawings (3D modeling software that provides topographic analysis, real-world coordinate systems, volume totals, roadway geometry.)

PCSTabl stability analysis program to perform stability analysis of failed slopes and proposed landslide repair solutions.

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
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	100% Design 0% Constr.
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	10%
Webster County Landfill, Landfill Closure Design Armory Lot Retaining Wall Replacement	WVDEP 601 57 th Street, SE Charleston, WV 25304	Engineering and Design for Landfill Closure System	\$3,500,000	40%
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	10%
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	100% Design 60% Constr.
Boone County PSD 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	90%
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	100% Design 0% Constr.
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	75%
Sardis (Saas) Landslide, CEOI DEP 21*01 Harrison County, WV	WVDEP-AML 101 Cambridge Place Bridgeport, WV 26330	Engineering and design services for remediation of two landslides in Harrison County, WV near the community of Sardis.	\$600,000	5%
TOTAL NUMBER OF PROJECTS:		TOTAL ESTIMATED CONSTRUCTION COSTS:		
13 (POTESTA has completed well over 1000 projects.)		\$22,240,000		

16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS

[illegible]

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-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 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
WVDOH - Geotech Services, WVSR 4 Repair/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
Crary 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
Kingwood Landfill, Landfill Closure Design Kingwood, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	\$6,000,000	2020	Yes
Cowen PSD, Erbacon Water Line Extension	Cowen PSD 7017 Webster Road Cowen, WV 26206	\$6,500,000	2020	Yes
West Virginia University Rockfall Mitigation, Morgantown, WV	WVU Division of Facilities, Design & Construction 979 Rawley Lane Morgantown, WV 26506	\$2,900,000	2020	Yes
Kinetic Park Landslide Remediation	Huntington Municipal D.A. 800 5 th Avenue Huntington, WV 25701	\$3,900,000	2020	Yes
Howesville Area Water Line Extension Preston County, WV <i>Mostly funded by WVDEP, AML</i>	Preston County PSD #2 c/o Kingwood Water Works 313 Tunnelton Street Kingwood, WV 26537	\$2,801,344	2020	Yes

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

[illegible]

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 2021 Design Group A Projects" 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 10 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:

- Landslides	- Passive Acid Mine Drainage Treatment
- Assessment of Contamination (e.g., PCBs, asbestos)	- Reclamation of Refuse Piles
- Demolition of Structures	- Sealing Mine Portals
- Diversion Structures	- Stream Relocations
- Identifying Acid Mine Drainage	- Subsidence Assessment and Remediation
- Inventory of Residential Water Supplies	- USCOE Permitting
- Water Supply Feasibility Studies and Design	- Wetland Assessments
- Mine Fires	
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: September 16, 2021

Printed Name: Dana L. Burns, PE

APPENDIX B

AML and RELATED PROJECT EXPERIENCE MATRIX																																
PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in EOI (page) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY														
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	Tim M. Rice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Bob L. Bragg	Scott A. Bolyard	Chad Griffith	Peter Potesta	
WVDEP, AML Lake Lynn Complex	C	13		✓	✓	✓					✓	✓					✓	M	M	M									P			
WVDEP, AML Fairmont East Mine Drainage	C	14		✓	✓	✓	✓					✓	✓					M				M								P		
WVDEP, AML Lando (Edwards) Drainage	C	14	✓	✓	✓	✓	✓					✓	✓				✓	M				M										
WVDEP, AML Taylorville (Cantrell) Drainage	C	15		✓	✓	✓	✓	✓				✓	✓					M				M				P						
WVDEP, AML Sardis (Saas) Landslide	C	16	✓	✓	✓	✓	✓	✓				✓	✓				✓	M	M	P	P	P		P	P				P	P		
WVDEP, AML Taylorville (Ray) Landslide Emergency	C	17		✓	✓	✓	✓	✓				✓	✓				✓	M														
WVDEP, AML Borderland (Matney) Portals	C	18		✓	✓	✓	✓	✓				✓	✓					M				M					P					
WVDEP, AML Jessop Highwall #10	C	19	✓		✓	✓	✓	✓				✓	✓				✓	M				M										
WVDEP, AML John's Branch Coal Refuse Dam (Kopperston)	C	20		✓			✓		✓			✓	✓				✓	M				M		P								P
WVDEP, AML Kopperston (John's Branch) Refuse Emergency	C	21	✓				✓					✓	✓					M				M			P							
WVDEP, AML Measle Fork Refuse	C	22	✓				✓					✓	✓			✓	✓	M				M		P			P					
WVDEP, AML Mountain Run Refuse and Portals	C	23			✓	✓	✓	✓				✓	✓			✓	✓	M		M		M							P			
WVDEP, AML Rachel Refuse	C	24	✓				✓	✓	✓						✓	✓	✓	M				M		P								
WVDEP, AML Sundial (Hatfield) RefusePiles Re-Bid	C	25		✓	✓	✓	✓	✓	✓			✓	✓			✓	✓	M				M		P								
Dream Mountain AMD Project - Friends of the Cheat	C	26					✓					✓	✓			✓	✓	M		M									P			
Gary Connor AMD - Friends of the Cheat	C	27					✓					✓	✓			✓		M		M									P			
Clearfield Creek Watershed Assoc. – Brubaker Run Acid Mine Drainage	C	28		✓			✓					✓	✓			✓		M														
COV-DMME, Puckett/Ely Creek AMD Remediation	C	29	✓	✓			✓					✓	✓			✓		M														
COV-DMME, Bevins Landslide Emergency Repair	C	30	✓	✓			✓				✓	✓				✓	✓	M														
WVDEP, AML MacArthur Phase 2 Subsidence AML	C						✓				✓	✓				✓	✓	M														
WVDEP, AML MacArthur Mine Subsidence	C			✓			✓				✓							M				M,P		P								
WVDEP, AML East Lynn II	C			✓		✓	✓				✓				✓		✓	M				M,P		P								
WVDEP, AML Flipping Hollow Complex	C			✓		✓	✓				✓				✓		✓	M				M,P		P								
WVDEP, AML Mill Creek Refuse Pile	C			✓			✓				✓					✓		M				M		P								
WVDEP, AML Clay-Roane PSD Water Feasibility Study	C			✓			✓						✓					M						P								P
WVDEP, AML Burnsville PSD Water Feasibility Study	C			✓			✓						✓					M				M										
WVDEP, AML Brandonville/Pisgah Water Feasibility Study	C			✓			✓						✓					M				M										
WVDEP, AML Cuzzart/4-H Water Feasibility Study	C			✓			✓						✓					M				M										
WVDEP, AML Hudson/Mt. Nebo Water Feasibility Study	C			✓			✓						✓					M				M										
WVDEP, AML Peach Ridge Complex	C		✓	✓		✓	✓					✓			✓			M				M		P								
WVDEP, AML Georges Creek Portals	C			✓		✓	✓					✓						M				M		P			P					
WVDEP, AML Putney Impoundment	C		✓	✓		✓	✓					✓			✓		✓	M				M										
WVDEP, AML Marmet (Clark) Drainage	C			✓		✓	✓											M				M		P								
WVDEP, AML Pringle Run #2	C		✓	✓		✓	✓							✓		✓		M				M		P								
WVDEP, AML Iaeger Water Feasibility Study	C			✓									✓					M					M	P								
WVDEP, AML Burnwell, Standard, and Collinsdale Water Line Extension	C			✓								✓	✓					M					M	P			P					
WVDEP, AML Morrisvale Cameo Preliminary Engineering	C												✓								M	P				P						
May Portal (Virginia AML)	C			✓		✓	✓						✓					M														
WVDEP - AML Marmet (Wells Drive) Landslide Emergency	C			✓		✓	✓						✓			✓		M			P	M		P			P					
WVDEP - AML Williamson (Hatfield) Landslide	C					✓	✓				✓					✓		M		P	P	M	P	P		P						
WVDEP - AML George's Creek (Lucas) Rockslide	C									✓			✓			✓		M			P	M		P								
WVDEP - Wheatley Branch Landslide	P			✓		✓	✓						✓			✓			P,M													
WVU - Monongahela Blv. Rockfall Project	C															✓		M		P,M					P							
Hampden (Smith) Landslide - AML	P												✓			✓		M				P										
Charleston (Ratcliffe) Landslide - AML	P															✓		M			P	P										
Mulberry Fork (Stover) Landslide - AML	P		✓										✓			✓		M			P											
Belle Landslide - AML	P			✓		✓	✓						✓			✓		M			P	P	P									
Kitchen/Gibson Landslide - AML	P			✓									✓			✓		M														
Duck Creek Landslide - AML	P												✓			✓		M														
Williamson Landslide - AML	P		✓										✓			✓		M				P				P						
MBOM - Oak Hill Landslide	P												✓			✓			P,M						P							
ODNR - Chickwan Landslide	P		✓							✓			✓			✓			P,M													

AML and RELATED PROJECT EXPERIENCE MATRIX																														
PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in EOI (page) **	PROJECT EXPERIENCE REQUIREMENTS														PRIMARY STAFF PARTICIPATION/CAPACITY													
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	Tim M. Rice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Bob L. Bragg	Scott A. Bolyard	Chad Griffith
ODNR - Z & H Landslide	P		✓			✓			✓		✓		✓				✓		P, M											
City of Morgantown - Jacob Street Slip Repair	C									✓	✓		✓				✓		P, M					P				P		
WVDOH/DOH - Geotechnical Services - WVSR 4 Repair and Stabilization	C															✓		P, M	P								P		P	
Morgantown Parking Authority - Armory Lot Retaining Wall	C									✓						✓		M					P				P			
Stone Energy - Geotechnical - Development of Marcellus Well Pads	C									✓		✓				✓		M	P									P		
Jerry Ware - Residential Landslide Gordon Drive - Charleston WV	C															✓		M											P	
Town of Granville - Bowser Street Landslide Repair	C									✓		✓				✓		P, M	P, M	P			P				P			
CEF 8 Ltd. Partnership -Artisan Heights Townhouse Dev. Stability Review	C															✓		P, M												
Travelers - Bona Vista Drive Slip Repair - Charleston WV	C															✓		M	P				P						P	
Columbia Gas - Landslide Stabilization - Blue Creek WV	C									✓						✓		P	P										P	
City of Charleston - Grandview Slip Repair - Kanawha County WV	C															✓		M	P										P	
Training Response Center - Gallagher Tunnel Drainage and Slope Stability	C															✓		M												
WVCA/NPCD - Wheeling Creek #7 Dam Landslide Repair	C										✓					✓		P, M	P, M	P			P				P			
WVCA/NPCD - Upper Grave Creek Dam Landslide Repair	C										✓					✓		P, M	P, M	P			P				P			
Wheeling-Charleston Diocese - Mt. Calvary Landslide Repair	C										✓		✓			✓			P, M				P				P			
Wheeling-Charleston Diocese - St. Boniface Landslide Repair	C															✓		P, M					P				P			
Huntington Municipal Development Authority - Kinetic Park Slip Repair	C										✓		✓			✓		M	P										P	
Huntington Sanitary Board - North Edgemont Slope Stabilization	C										✓		✓			✓		P	P										P	
K & N Contracting - Nixon Ridge Slip Repair - Moundsville WV	C										✓		✓			✓													P	
Marshall Portal Access Road Landslide	C										✓					✓			P, M				P				P			
Weekley Well Pad Landslide Repair	C										✓					✓			P, M	P							P			
Mills Wetzel #2 Well Pad Landslide Repair	C										✓		✓			✓			P, M	P							P			
Shupbach Ridge Road Landslide Repair	C										✓		✓			✓			P, M	P							P			
Potts Well Pad Landslide Repair	C										✓		✓			✓			P, M	P							P			
Decker's Creek Mine Stockpile Landslide Repair	C															✓			P, M								P			
Wentz Freshwater Impoundment Embankment Stability Repair	C															✓			P, M								P			
Cline Tower Landslide Repair	P															✓			P, M											
Wellford Tower Landslide Repair	P															✓			P, M											
Massie Ridge Tower Landslide Repair	P															✓			P, M											
Fisher Residential Landslide Repair	P															✓			P, M											
Kennawa Landslide Repair	P															✓			P, M											
Burlew Landslide Repair	P															✓			P, M											
Lee Landsldie Repair	P															✓			P, M											
Fairmont North Tower Landslide Repair	P															✓			P, M											
6th Street Tower Landslide Repair	P															✓			P, M											
WVDEP, AML Tupper Creek Emergency Landslide Repair	P									✓		✓				✓			P											
Schmidt Landslide Repair	P															✓			P											
Disposal Service, Inc. Landslide Repair	P															✓			P											
Wellston High School Landslide Repair	P															✓			P											
Pribble Tank Tank Landslide Repair	P										✓		✓			✓			P, M	P							P		P	
Potokczny Well Pad Landslide Repair	P										✓		✓			✓			P, M	P							P			
Ridgepoint Landslide Repair	P										✓					✓			P, M	P							P			
Wolf Pen (Carpenter) Portals	C			✓	✓	✓	✓				✓																			
Laurel Branch (Weaver) Portals	C			✓	✓	✓	✓				✓																			
WVDEP, OSR Cheyenne Sales Company, Inc.	C		✓	✓	✓	✓	✓	✓			✓			✓		✓	M				P		P							
WVDEP, AML Little Whitestick Refuse	C		✓	✓	✓	✓	✓	✓			✓				✓	✓	M				P		P							
WVDEP, AML Crany Mine Dump	C		✓	✓		✓	✓	✓			✓				✓	✓	M				P		P							
WVDEP, AML Morgan Mine Fire	C		✓	✓		✓	✓	✓	✓		✓					✓	M		M								P			
Monumental Mine	C					✓	✓				✓					✓	M											P		
Lilly Parker Mine	C					✓	✓				✓					✓	M											P		
Barrackville Mine Expansion	C					✓	✓				✓					✓	M											P		
Jo Anne Permit Renewals	C					✓	✓				✓					✓	M											P		

AML and RELATED PROJECT EXPERIENCE MATRIX																															
PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in EOI (page) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY												*** M=Management P=Professional	
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	Tim M. Rice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Bob L. Bragg	Scott A. Bolyard	Chad Griffith	Peter Potesta
						✓					✓	✓					✓	M											P		
Humphrey Limestone Quarry	C					✓					✓	✓					✓	M											P		
Webster County Water Studies	C					✓						✓	✓					M							P						
Mill Creek Phase III Waterline and Water Treatment Plant - AML	P					✓					✓	✓		✓			✓					M									
Cow Creek - Sarah Ann Phase III Water Line Extension	P												✓				✓					M									
Godby Branch Water Line Extension	P																			P	M										
Putnam County Commission - Fisher Ridge Phase II	C																	M				M	P		P						
Boone County PSD - Lick Creek Water Line Extension	C																	M				M	P								
Boone County PSD - Joes Creek Water Line Extension	C																	M				M	P								
Boone County PSD - Six Mile Extension/Corridor G	C																	M				M	P								
Boone County PSD - Trace Branch/Robinson Water Line Extension	C																	M				M	P								
Boone County PSD - Stephens Auto/Betsy Lane Water Line Extension	C																	M				M	P								
Town of Ceredo - Water Distribution System Upgrade	C																	M				M	P			P					
WVAWC - Mifflin/Sharples Water Line Extension	C																	M				M	P			P					
Town of Ceredo - Cemetery Hill Upgrade	C																														
WVAWC - Putnam County Water Supply Extension	P										✓	✓						M				M									
WVAWC - Kanawha County Water Supply Extension	P					✓					✓	✓						M				M									
WVAWC - Cabell County Water Supply Extension	P					✓					✓	✓						M				M									
City of Philippi Upgrade to Water Distribution System	C					✓					✓	✓						M				P	P								
Philippi Water Line Relocation for WVDOH Bypass	C					✓					✓	✓						M				P	P								
WVAWC - Route 60	C					✓					✓	✓						M				P		P							
WVAWC - Route 60 Contract 4	C					✓					✓	✓						M				P		P							
WVAWC - Buff Creek/Trace Fork	C					✓					✓	✓						M				P		P							
WVAWC - Poca River	C					✓					✓	✓		✓				M				P		P							
WVAWC - Cabell County Contract 6	C					✓					✓	✓		✓				M				P	P	P							
WVAWC - Cabell County Contract 7	C					✓					✓	✓		✓				M				P	P	P							
WVAWC - Fisher's Ridge Extension	C					✓					✓	✓		✓				M				P	P			P					
WVAWC - Summers County Extension	C					✓					✓	✓		✓				M				P									
WVAWC - Glade Springs Village	C					✓					✓	✓		✓				M				P									
WVAWC - Spite Road	C					✓					✓	✓		✓				M				P									
Beaver Creek Waterline Extension - AML	P										✓	✓		✓				M				P		P							
Cassity Fork Water Supply Extension - AML	P										✓	✓		✓				M				P	P	P							
Gualey River Area Water Line Extension - AML	P										✓	✓		✓								M									
Heizer/Manila Creek Water Line Extension Phase II Study - AML	P										✓	✓		✓								M									
Reynoldsville/Wallace Water Supply Extension - AML	P					✓					✓	✓		✓								M									
Weaver-Junior Phase II Water Supply - AML	P					✓					✓	✓		✓			✓					M									
Washington Heights to Jeffrey Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Reynoldsville, Wallace, and Clarksburg Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Reynoldsville, Wallace, and Clarksburg Phase I Water Study - AML	P										✓	✓		✓								M									
Weaver-Junior Phase I Water Study - AML	P										✓	✓		✓								M									
Gauley River Phase I Water Study - AML	P										✓	✓		✓							P	M									
Upper Rum Creek Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Crooked Creek Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Mill Creek Regional Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Cow Creek - Sarah Ann Phase II Water Study - AML	P					✓					✓	✓		✓								M									
Phase I Water Studies Brooke and Fayette Counties (2 Projects) - AML	P										✓	✓		✓				M				P	P								
Mill Creek Regional Water Phase II Water Study (Boone, Lincoln and Logan Counties) - AML	P					✓					✓	✓		✓				M				P	P								
Godby Branch Phase II Water Study - AML	P					✓					✓	✓		✓				M				P	P								
Putnam County Phase I Water Studies (3 Projects) - AML	P										✓	✓		✓				M					P								
Boone County Phase I Water Studies (10 Projects) - AML	P										✓	✓		✓				M				P	P								
Phase II Water Feasibility Studies for Logan County (3 Projects) - AML	P					✓					✓	✓		✓				M				P	P								
Phase I Water Studies for Logan County (7 Projects) - AML	P										✓	✓		✓				M				P	P								
Spruce Lick-Stream Flow Monitoring Project for Eastern Associated Coal Corp. - AML	P					✓					✓	✓		✓		✓		M				P	P								

AML and RELATED PROJECT EXPERIENCE MATRIX																																			
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			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	Tim M. Rice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Bob L. Bragg	Scott A. Bolyard	Chad Griffith	Peter Potesta				
Massy Coal Co. AMD Pump Treatment System	C					✓					✓			✓				M																	
Martin County Coal Co. Stream Flow & Fish Surveys-Coldwater Creek	C					✓																													
Martin County Coal Co. Stream Flow & Fish Surveys-Wolf Creek Watershed	C					✓																													
Martin County Coal Co. Stream Flow & Fish Surveys- Rockcastle Creek	C					✓																													
Martin County Coal Co. Stream Flow & Habitat Survey-Coldwater Creek Fork Watershed	C					✓																													
Martin County Coal Co. Stream Flow & Habitat Survey-Wolf Creek Watershed	C					✓																													
Martin County Coal Co. Stream Flow & Habitat Survey-Rockcastle Creek Watershed	C					✓																													
Don's Disposal Landfill Stream Flow Measurement	P					✓																													
Union Carbide Cooling Water Flow Measurement	C					✓																													
Union Carbide Davis Creek Flow Measurement	C					✓																													
Union Carbide Process Wastewater Flow Measurement	C					✓																													
MDG-Wastewater Package Plant	C					✓					✓			✓			✓	M							P										
WVDEP-Flows at Various Facilities	P					✓																													
Arch Coal- Pigeon Creek Stream Flow Measurement	C					✓																													
City of Charleston-Sanitary Sewer Flow Measurement	C					✓																													
Pison Development Sanitary Sewer Flow Measurement	C					✓																													
Solutia-Storm Water Flow Measurement	C					✓																													
Solutia-Groundwater Well Levels and Flow Estimates	C					✓																													
Chemical Plant - Parkersburg, WV	C					✓					✓																								
Muddy Creek AMD Treatment System	C					✓					✓			✓																					
Sovern Run (Tinchnell) AMD Treatment System	C					✓					✓			✓						M															
Evaluation of Mine Drainage from AML Sites as Part of ESA for Jackson & Kelly	C					✓					✓							M		M			P												
Hawkins AMD - AML	P			✓	✓	✓	✓				✓						✓	M																	
Allen AMD - AML	P			✓	✓	✓	✓				✓						✓	M			P		P												
Omega Mine Complex - AML	P			✓	✓	✓	✓		✓		✓						✓					M													
Owings Mine Complex - AML	P		✓	✓	✓	✓	✓	✓			✓						✓					M													
Vindex Energy	C			✓	✓						✓			✓	✓	✓	✓	M			P	P		P											
Dominion Resources - Upshur Enoxy Complex	C		✓	✓							✓			✓	✓	✓	✓	M			P	P	P	P											
Osage AMD Treatment System	P													✓																					
Reliable Mine AMD Treatment System	P													✓																					
Upshur Passive AMD Treatment System	P													✓																					
Sundial Refuse - AML	C		✓	✓	✓	✓					✓			✓	✓	✓	✓	M				M	P	P											
Solutia Landfill Closure Design for Various Environmental Remediation Projects	C					✓				✓	✓	✓	✓	✓			✓	M			P	P		P											
Kanawha Eagle Coal Refuse Disposal Impoundment	C					✓					✓		✓	✓			✓	M			P	P		P											
Pocahontas County Landfill Expansion, Closure, and Operations Consulting	C					✓					✓		✓	✓			✓	M			P	P		P											
Energy Services Site Development and Permitting	C					✓						✓					✓	M			P	P		P											
Smith Bridge Replacement	C																✓	M			P														
Corridor H, Section 6 Davis-Bismark	C																✓	M			P	M													
Environmental Assessment and Closure/Capping Design for Fleming Landfill	C					✓												M				P		P											
Environmental Assessment and Closure/Capping Plan for Jackson County Landfill	C																	M				M	P	P											
Elkem Metals Jarrett Branch Landfill	C																	M			P	P		P											
Mine Water Treatability Study, Guyses Run of Tygart Valley River	C												✓				✓	M				P													
Coldwater Creek/Luigino's Food Processing Facility, Inc.	C					✓					✓		✓					M				P		P											
Construction Layout for Mahan Tipple and Refuse AML Maintenance Project	C																																		
Construction Layout for Lynn Brook (Boud) Drainage, AML Reclamation Project	C																																		
Grass Run Refuse - AML	P		✓			✓	✓				✓	✓					✓	M				P		P											
Allen Sheridan Hazardous Facility (Asbestos)	P		✓								✓	✓						M																	
Elk City - Century-Volga Phase I/II Water Study - AML	P											✓						M				P		P											
Camp Mohonegan Regrade - AML	P		✓			✓	✓				✓	✓					✓	M				P		P											
Comfort Run Coal Company (Asbestos) - AML	P			✓							✓							M																	
Turner Douglas Complex - AML	P		✓	✓	✓	✓	✓				✓						✓	M			P	P		P											
Buffalo Creek No. 5 Refuse - AML	P		✓			✓	✓				✓						✓	M				P		P											

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Dawmont Mine Facility - AML	P		✓	✓	✓	✓	✓				✓			✓	✓		✓	M			P			P							
Helen (Lewis) Refuse - AML	P		✓	✓	✓	✓	✓				✓			✓	✓		✓	M						P							
Upshur 10/15 Drainage - AML	P		✓		✓	✓	✓				✓	✓		✓			✓	M													
Madison Street Portals/Fairview Route 218 Portals - AML	P			✓		✓	✓										✓	M													
Summerlee Refuse Pile - AML	P		✓			✓	✓	✓						✓		✓	✓	M			P	P	P								
Duncan Hill Subsidence - AML	P			✓	✓	✓	✓			✓							✓	M			P	P	P								
Cora Mine Drainage No. II - AML	P			✓	✓	✓	✓										✓	M			P	P									
Covey Creek Mine Fire - AML	P			✓			✓		✓									M			P										
Vivian Refuse Pile - AML	P		✓		✓	✓	✓										✓	M			P	P	P								
Kimball Refuse Pile - AML	P		✓	✓	✓	✓	✓								✓		✓	M			P	P	P								
Bear Run Refuse - AML	P		✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	M			P	P									
Garrison Complex - AML	P			✓	✓	✓	✓								✓	✓	✓	M				P									
Beckley Subsidence - AML	P			✓		✓	✓			✓							✓	M			P	P									
Courtright Highwall - AML	P		✓				✓										✓	M			P	P	P								
Jonben (Haga) Subsidence - AML	P			✓			✓			✓							✓	M			P	P	P								
Holden (Padgett) Subsidence - AML	P			✓		✓	✓			✓							✓	M				P		P							
Minden Drilling - AML	P		✓														✓	M			P										
Gray and Iaquina Subsidence - AML	P			✓						✓							✓	M				P	P								
St. John's Road Subsidence - AML	P			✓		✓	✓			✓							✓	M				P	P								
High Coal Tipple - AML	P			✓		✓	✓								✓		✓	M				P									
Route 19/28 Subsidence - AML	P			✓		✓	✓			✓							✓	M				P									
Omar Refuse Pile - AML	P		✓	✓	✓	✓	✓	✓		✓							✓	M			P	P									
Mt. Hope Subsidence - AML	P			✓		✓	✓			✓							✓	M													
Morgantown Airport Drainage/Subsidence - AML	P			✓		✓	✓			✓							✓	M													
Logan Drainage - AML	P			✓		✓	✓										✓	M													
Huffman Street Subsidence - AML	P			✓		✓	✓			✓							✓	M													
Switzer Adams/Robinson Drainage - AML	P			✓		✓	✓										✓	M													
Follansbee Drainage - AML	P			✓		✓	✓										✓	M													
Fairmont East Subsidence - AML	P			✓		✓				✓							✓	M													
Fairmont IV Subsidence - AML	P			✓		✓				✓							✓	M													
Vargo Drainage - AML	P			✓		✓	✓										✓	M													
Kistler Mine Fire - AML	P			✓		✓	✓			✓							✓	M													
Lefthand Fork Burning Refuse - AML	P		✓	✓	✓	✓	✓	✓		✓					✓		✓				M	P									
Harris AMD - AML	P			✓		✓	✓	✓									✓				M	P									
Wyoming County Landfill	P/C						✓	✓					✓	✓			✓	M			P	P		P							
Jackson County Landfill	C						✓	✓					✓	✓			✓	M				P	P	P							
Kanawha Western Landfill	P		✓				✓	✓					✓	✓			✓	M			P	P									
Monongalia County Sanitary Landfill	P		✓				✓	✓					✓	✓			✓	M			P	P									
Fayette County Landfill	P						✓	✓					✓	✓			✓				M										
Carolina Refuse - AML	P		✓	✓		✓	✓	✓				✓					✓					M									
Majesty Mine Complex - AML	P		✓	✓	✓	✓	✓	✓				✓		✓		✓	✓					M									
Grandstaff Subsidence - AML	P			✓	✓		✓			✓							✓					M									
Glen Morgan (Lilly) Site - AML	P			✓			✓			✓							✓					M									
Viers Highwall - AML	P		✓	✓		✓	✓						✓				✓					M									
Spruce Laurel Stream Flow Monitoring Project - AML	C						✓	✓										M					M								
Summit at Cheat Lake Residential Subdivision	C						✓				✓					✓	✓				M	P						P	P	P	
Avery Court	C										✓									M								P			
Hurricane Market Place	C																				P				P						
Pison Development - Mineral Wells	C						✓											M			M				P						
Pison Development - Barboursville	C						✓											M			M				P						
Pison Development - Knollview	C						✓						✓					M			M				P						
Pison Development - Cross Roads 2	C						✓						✓					M			M										

AML and RELATED PROJECT EXPERIENCE MATRIX																															
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Pison Development - Elk Crossings	C					✓											M			M											
Pison Development - Elkins	C					✓											M			M											
Pison Development - Harrisville	C					✓							✓				M			M								P			
Pison Development - Point Pleasant	C					✓											M			M											
Pison Development - Kanawha Court	C					✓											M			M						P					
Pison Development - Church Hill Village	C					✓							✓				M			M								P		P	
Grove Park - Campus View LLC	C					✓			✓							✓			M	P							P	P	P		
North Hills Development - 600-Acre Property	C					✓			✓							✓			M	P											
Kenna Industrial Park	C					✓											M			M	P				P						
Spring Hill	C					✓							✓												P						
Ives - Orchards Manor	C					✓																			P						
Ives - Littlepage Terrace	C					✓																			P						
Ives - Patrick Street	C					✓																			P						
Tucker County Industrial Park	C					✓											M		P			M			P						
Bradshaw Schools	C					✓											M					M			P						
Marrowbone Waterline Extension - AML	P							✓				✓																			
Ragland Waterline Extension - AML	P							✓				✓																			
Pigeon Creek Phase II Water Study - AML	P							✓				✓																			
Wayne County Commission - Buffalo Creek Waterline Extension	P							✓				✓																			
Birch River PSD Waterline Extension	P							✓				✓																			
Lincoln County Commission - Town of Harts Extension	P							✓				✓																			
Independence Coal	P							✓				✓																			
Nicholas Energy, Inc.	P							✓				✓					✓														
WV Bureau for Public Health - Drinking Water Treatment Revolving Fund	P							✓																							
WVIJDC - Water Technical Committee	P							✓				✓																			
WV Bureau for Public Health - Water/Sewer Construction Permit Program	P							✓				✓																			
WVIJDC Manager	P							✓				✓																			
Westmoreland Coal Company	P		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓															
Mingo Logan Coal Company	P		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓															
Marfork Coal Company	P		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓															
Elk Run Coal Company	P		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓															
Nicholas County Landfill	C											✓					M				P										
Peabody Coal Company	C		✓	✓								✓					M														
Massey Coal Services	C											✓																			
Poor Charlie & Company, Inc.	C											✓																			
Pace Carbon Fuels, LLC	C											✓					M														
Amherst Industries, Inc.	C											✓																			
Hobet Mining, Inc.	C			✓			✓					✓					M			P											
Montgomery Landfill	P			✓			✓					✓					M			P		P									
North Fork Landfill	P			✓			✓					✓					P			P	M										
Sycamore Landfill	P											✓					M														
Vaughan Railroad	P											✓					M			P											
CSX Ramp Replacement	P																														
S&S Landfill	P						✓				✓						P			P	P										
Harwood Mine Complex	P		✓														M			P	P										
Southern Ohio Coal - Pump Tests	P		✓	✓							✓						M			P	P	P									
WVDEP - Fairmont DAC	P			✓	✓	✓	✓			✓	✓	✓				✓		M													
WVDEP - Pepper Portals and Drainage	P		✓	✓	✓	✓	✓	✓			✓	✓				✓		M													
WVDEP - Hilderbrand Highwall	P		✓	✓	✓	✓	✓			✓	✓	✓				✓		M													
WVDEP - Winona Complex	P		✓	✓	✓	✓	✓				✓	✓				✓		P,M													
WVDEP - Dale R. Thrasher	P		✓	✓							✓	✓				✓		P,M													
WVDEP - Wheeling (15th Street)	P						✓				✓	✓				✓		P,M													

AML and Related Project Experience Matrix																															
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WVDEP - Dotson Tipple	P		✓	✓	✓	✓					✓				✓		✓		P,M												
WVDEP - Montana Mines Subsidence	P								✓		✓				✓		✓		P,M												
WVDEP - Pendleton Creek Strip	P		✓	✓	✓	✓					✓						✓		P,M												
WVDEP - Heather Run #2	P		✓	✓	✓	✓					✓		✓	✓	✓	✓	✓		P,M												
WVDEP - Barker Portals and Strip	P		✓	✓	✓	✓					✓		✓	✓	✓	✓	✓		P,M												
WVDEP - Whipering Woods Feasibility Study	P					✓					✓							P,M													
WVDEP - Ruper to Rainelle Feasibility Study	P					✓					✓							P,M													
WVDEP - Shinnston (Osbourne) Subsidence	P								✓		✓							P,M													
WVDEP - Bethlehem (Toothman) Subsidence	P								✓		✓						✓		P,M												
WVDEP - Pallotta Subsidence	P								✓		✓						✓		P,M												
WVDEP - Blackwater (OSM Appalachian Regional Award)	P					✓					✓		✓					P,M													
WVDEP - Shallamar Doser	P											✓						P,M													
WVDEP - Blue Pennant Mine Fire	P		✓	✓	✓	✓	✓	✓		✓				✓		✓		P,M													
WVDEP - Red Hollow Burning Refuse	P		✓	✓		✓	✓	✓		✓				✓		✓		P,M													
WVDEP - Amigo Refuse	P		✓	✓		✓	✓	✓		✓							✓		P,M												
WVDEP - Jamison Burning Refuse	P		✓	✓	✓	✓	✓	✓		✓	✓		✓				✓		P,M												
WVDEP - Amigo Smokeless Impoundment	P		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓	✓		P,M												
WVDEP - Taylor Creek Impoundment (OSM National Award)	P		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓		P,M												
WVDEP - Ohio Avenue	P					✓					✓						✓		P,M												
WVDEP - Robinson Run Landslide	P		✓	✓		✓					✓			✓		✓		P,M													
WVDEP - Stealey Avenue Subsidence	P								✓		✓						✓		P,M												
WVDEP - Tunnelton Gob	P		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		P,M												
WVDEP - Slab Camp Run	P		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		P,M												
WVDEP - Sovern Run	P		✓	✓	✓	✓	✓	✓			✓						✓		P,M												
WVDEP - Ford's Run Refuse	P		✓	✓	✓	✓	✓	✓			✓			✓	✓		✓		P,M												
WVDEP - North Fork Refuse	P		✓	✓	✓	✓	✓	✓			✓						✓		P,M												
WVDEP - Dillan Creek	P		✓	✓	✓	✓	✓	✓			✓		✓				✓		P,M												
WVDEP - Austen Highwall	P		✓	✓	✓	✓	✓	✓			✓				✓	✓	✓		P,M												
WVDEP - Slab Fork Mine Dump	P		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		P,M												
WVDEP - Edna Refuse	P		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		P,M												
WVDEP - Piney Creek	P		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		P,M												
WVDEP - Alderson Branch	P		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓		P,M												
WVDEP - Everettville	P		✓	✓	✓	✓	✓	✓			✓				✓	✓	✓		P,M												
WVDEP - McComas Refuse	P		✓	✓	✓	✓	✓	✓			✓					✓	✓		P,M												
WVDEP - Pierce Refuse	P										✓								P,M												
WVDEP - Fish Run	P										✓								P,M												
WVDEP - Lamar Refuse	P		✓	✓	✓	✓	✓	✓			✓				✓		✓		P,M												
WVDEP - Indian Ridge	P		✓	✓	✓	✓	✓	✓			✓				✓		✓		P,M												
WVDEP - Davy Branch	P		✓	✓	✓	✓	✓	✓	✓	✓					✓		✓		P,M												
WVDEP - Eckman Refuse	P		✓	✓	✓	✓	✓	✓			✓				✓		✓		P,M												
WVDEP - Horsepen Ridge	P		✓	✓	✓	✓	✓				✓						✓		P,M												
WVDEP - Thomas Northeast	P					✓				✓	✓						✓		P,M												
WVDEP - Thomas Phase II	P									✓	✓						✓		P,M												
WVDEP - Thomas Phase I Subsidence	P		✓	✓	✓	✓	✓				✓						✓		P,M												
WVDEP - Glenwood Hills Subsidence	P									✓	✓						✓		P,M												
WVDEP - Deckers Creek	P					✓						✓			✓				P,M												
MBOM - Kingsland Mine Pool	P					✓	✓				✓					✓			P,M												
MBOM - Kempton Mine Drainage	P			✓			✓				✓								P,M												
MBOM - Shallmar Doser	P		✓			✓	✓				✓		✓				✓		P,M												
MBOM - Jackson Mountain Mine Fire	P		✓	✓		✓	✓		✓				✓				✓		P,M												
MBOM - Spruce Hollow Flood Mitigation	P					✓					✓								P,M												
MBOM - Miller Road Subsidence	P								✓		✓						✓		P,M												

AML and RELATED PROJECT EXPERIENCE MATRIX																																			
PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in EOI (page) **	PROJECT EXPERIENCE REQUIREMENTS															PRIMARY STAFF PARTICIPATION/CAPACITY																	
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	Tim M. Rice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Bob L. Bragg	Scott A. Bolyard	Chad Griffith	Peter Potesta				
MBOM - Broken Hart Refuse	P		✓			✓	✓				✓					✓		P,M																	
MBOM - Ocean Gob Pile	P		✓			✓	✓				✓					✓		P,M																	
MBOM - Porter Road Subsidence	P															✓		P,M																	
MBOM - Midlothian and Shaft Road Subsidence	P				✓				✓		✓					✓		P,M																	
MBOM - Taste Freez Subsidence	P								✓		✓					✓		P,M																	
ODNR - Frontz / Folly Mine Fire	P		✓	✓		✓		✓		✓	✓					✓		P,M																	
ODNR - Blue Bell Mining Refuse Fire	P		✓	✓		✓		✓		✓	✓					✓		P,M																	
ODNR - Enoch Township Impoundment	P		✓			✓					✓					✓		P,M																	
ODNR - Pauline Mine Impoundment	P		✓			✓					✓					✓		P,M																	
ODNR - Washington Street Subsidence	P								✓		✓					✓		P,M																	
ODNR - Nelan Road Subsidence	P								✓		✓					✓		P,M																	
ODNR - Bull Run Restoration	P		✓			✓					✓					✓		P,M																	
ODNR - Ellesmere Ave. Subsidence I,II,II, & IV	P								✓				✓			✓		P,M																	
ODNR - El Camino Subsidence	P								✓		✓					✓		P,M																	
ODNR - Van Atta Subsidence	P								✓		✓					✓		P,M																	
ODNR - ST RT. 646 Subsidence	P								✓		✓					✓		P,M																	
PADEP - Russell Joki Refuse	P		✓			✓					✓					✓		P,M																	

* List whether project experience is corporate or personnel based or both.

** Use this area to provide specific sections or pages if needed for reference.

*** List Primary Design personnel and their functional capacity for the projects listed.

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: 918801

Doc Description: EOI - 2021 Design Group C Projects

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2021-08-18	2021-09-16 13:30	CEOI 0313 DEP2200000004	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Potesta & Associates, Inc.

Address : 7012

Street : MacCorkle Avenue, SE

City : Charleston

State : West Virginia

Country : Kanawha

Zip : 25305

Principal Contact : Dana L. Burns

Vendor Contact Phone: 304-342-1400

Extension: 1127

FOR INFORMATION CONTACT THE BUYER

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

**Vendor
Signature X**

FEIN#

31-1509066

DATE

September 16, 2021

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

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, West Virginia 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, P.E., P.S., 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.

September 16, 2021

Date



Signature

Vice President

Title



AVS OFT Report - 8/28/2020 3:41:15 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	
(247598) Potesta & Associates Inc	Vice President		(247601) Laidley Eli McCoy		6/7/1997	12/31/2014

Part D: OFT Information

Contractor's Business Name: _____

If the current Entity OFT information for your business is incomplete in the AVS, or if there is no information in the AVS for your business, you must provide all of the following information as it applies to your business. Please include additional copies of this page if the space below is not sufficient to capture all information.

- Every officer (President, Vice President, Secretary, Treasurer, etc.);
- All Directors, Partners, and Members;
- All persons performing a function similar to a Director;
- Every person or business that owns 10% or more of the voting stock in your business;
- Any other person(s) who has the ability to determine the manner in which the AML reclamation project is being conducted.
- **Please list an end date for any person no longer with your business.**

Name: _____
Address: _____
Begin Date: _____
End Date: _____
% Ownership: _____
Position/Title: _____
Phone Number: _____

Name: _____
Address: _____
Begin Date: _____
End Date: _____
% Ownership: _____
Position/Title: _____
Phone Number: _____

Name: _____
Address: _____
Begin Date: _____
End Date: _____
% Ownership: _____
Position/Title: _____
Phone Number: _____

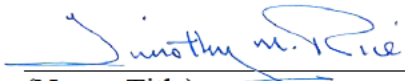
Name: _____
Address: _____
Begin Date: _____
End Date: _____
% Ownership: _____
Position/Title: _____
Phone Number: _____

PAPERWORK REDUCTION STATEMENT

The Paperwork Reduction Act of 1995 (44 U.S.C 3501) requires us to inform you that: Federal Agencies may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current valid OMB control number. This information is necessary for all successful bidders prior to the distribution of AML funds, and is required to obtain a benefit.

Public reporting burden for this form is estimated to range from 15 minutes to one hour, with an average of 30 minutes per response, including time for reviewing instructions, gather and maintaining data, and completing and reviewing the form. You may direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Office of Surface Mining Reclamation and Enforcement, 1849 C Street, NW, Room 4559, Washington, DC 20240.

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.

 Project Manager
(Name, Title) _____
Tim Rice, Project Manager
(Printed Name and Title) _____
125 Lakeview Drive
(Address) _____
Morgantown, WV 26508
(Phone Number) / (Fax Number) (304) 225-2245 Fax: (304) 225-2246
(email address) _____
tmrice@potesta.com

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

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

Potesta & Associates, Inc.

(Company) _____



Vice President

(Authorized Signature) (Representative Name, Title) _____

Dana L. Burns, P.E., P.S., Vice President

(Printed Name and Title of Authorized Representative) _____

September 16, 2021

(Date) _____

Phone: (304) 342-1400 | Fax: (304) 343-9031

(Phone Number) (Fax Number) _____

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

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, West Virginia 25304

Name of Authorized Agent: Dana L. Burns, P.E., P.S. **Address:** 7012 MacCorkle Avenue SE

Contract Number: CEOI_0313_DEP2200000004 **Contract Description:** 2021 Design Group C Projects

Governmental agency awarding contract: WVDEP Office of AML&R

☒ **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.

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: 

Date Signed: September 16, 2021

Notary Verification

State of West Virginia, County of Monongalia:

I, Tressee A. Koloski (Commission Expires August 26, 2025), 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 16th day of September, 2021.


Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Tressee Ann Koloski
Potesta & Associates, Inc.
125 Lakeview Drive
Morgantown WV 26508
My Commission Expires August 26, 2025

Revised June 8, 2018

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: September 16, 2021

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 16th day of September, 20 21

My Commission expires August 26, 2025.



AFFIX SEAL HERE

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Tressee Ann Koloski
Potesta & Associates, Inc.
125 Lakeview Drive
Morgantown WV 26508

My Commission Expires August 26, 2025

NOTARY PUBLIC

Tressee A. Koloski

Purchasing Affidavit (Revised 01/19/2018)