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Procurement Type:	Central Purchase	Order					SO Dept: 03	313				
Vendor ID:	000000173443		2			S	Doc ID: DE	P220000001	0			
Legal Name:	POTESTA & ASS	OCIATES INC				Publish	ed Date: 4/	13/22				
Alias/DBA:						Clo	se Date: 4/	14/22				
Total Bid:	\$0.00					Clos	e Time: 13	3:30				
Response Date:	04/14/2022						Status: Cl	osed				
Response Time:	11-38					Solicitation Des	cription: A	ML/EOI Carb	ondale (Hill) Portals	s Phase II		
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Responded By User ID:	Potesta		2		Tatal	of Header Attac						
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Last Name:	Burns				,	otal of All Attack	iments: 1					
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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:	1015139						
Solicitation Description:	AML/EOI Carbondale (Hill) Portals Phase II						
Proc Type:	Central Purchase Order						
Solicitation Closes		Solicitation Response	Version				
2022-04-14 13:30		SR 0313 ESR0414220000006367	1				

VENDOR					
000000173443 POTESTA & ASSOCIATI	ES INC				
Solicitation Number:	CEOI 0313 DEP2200000010				
Total Bid:	0	Response Date:	2022-04-14	Response Time:	11:38:08
Comments:					

Vendor Signature X FEIN# DATE	

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				0.00
Comm	Code Manufacture	r	Specification	on	Model #

81100000

Commodity Line Comments:

Extended Description:

EOI Engineering Design Services



TRANSMITTAL MEMO

7012 MacCorkle Avenue, Charleston, WV 25304 ■ Phone: (304) 342-1400 ■ Fax: (304) 343-9031

To:	Mr. Josh Hager		Date:	April 14, 2022
	Department of Administration, P	urchasing Division	Project No.:	0101-22-0091
	2019 Washington Street East			
	Charleston, West Virginia 2530	5-0130		
Se	ent Via: 🗌 Mail	Federal Expres	s 🗌 Unite	d Parcel Service
	Hand Carried	X Other: Uploa	aded to wvOASIS	5

Quantity	Description
1	Expression of Interest for WVDEP-AML Carbondale (Hill) Portals Phase II Solicitation Number CEOI 0313 DEP220000010
Remarks:	

By: Dana L. Burns/mh _____

c:



Prepared for:

West Virginia Department of Environmental Protection Division of Land Restoration Office of Abandoned Mine Lands and Reclamation

Carbondale (Hill) Portals Phase II Project CEOI 0313 DEP2200000010



CHARLESTON

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eO

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APPENDICES

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EXECUTIVE SUMMARY

Potesta & Associates, Inc. (POTESTA) is pleased with the opportunity to provide this Expression of Interest to the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML).

POTESTA is familiar with the reclamation of abandoned mine lands similar to the Carbondale (Hill) Portals Phase II Project and has a successful track record for the design of AML projects. POTESTA's design professionals include civil engineers, geologists, and hydrology specialists. We are prepared to utilize our firm's resources and experienced staff to design necessary rehabilitation measures including:

- Mine Portal Reclamation
- Drainage Control Items
- Erosion and Sediment Control
- Slope Stabilization
- Hydrologic and Hydraulic Analysis

POTESTA is highly experienced in providing the services necessary to meet the project goals:

- Developing construction plans and technical specifications for all aspects to reclaim mine portals, drainage control, slope stabilization, and erosion and sediment control.
- Obtaining required permits.

POTESTA focuses on understanding the client to achieve a successful project outcome. We believe POTESTA's current track record with AML and civil engineering projects demonstrates our ability, experience, and commitment for the Carbondale (Hill) Portals Phase II Project.

POTESTA has assembled a team that has historically served WVDEP, AML on numerous AML projects. In fact, our staff has worked on over 160 AML projects for WVDEP (and more in other states) on four different WVDEP, AML contracts dating back into the mid-1980s. We have an ongoing workload with WVDEP, AML.

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.



CORPORATE PROFILE

HISTORY

POTESTA was founded in 1997 as a full-service engineering and environmental consulting firm headquartered in Charleston, West Virginia. We have now expanded to a diverse staff of 74 experienced engineers, scientists, and support personnel with branch offices in Morgantown, West Virginia, and Winchester, Virginia. Our clients include local, state and federal agencies; mining, manufacturing and chemical companies; utility companies; waste management companies; K-12 schools/colleges/universities; land developers; attorneys; financial institutions; insurance companies; construction companies; and architects.

SERVICES

- Air Permitting
- Biological and Toxicological
- CADD/GIS
- Civil Engineering and Design
- Construction Monitoring •
- Environmental Site Assessment
- Geotechnical Engineering
- Groundwater .

- Hydrology and Hydraulics
- Landfills and Solid Waste
- Litigation Support
- Mining
- Occupational Safety and Health
- Oil and Natural Gas Consulting
- Permitting
- Remediation •

- Cleveland ORGANTOWN, W CHESTER, VA Washington, D CHARLESTON, WV
 - Roadway Engineering
 - Sampling .
 - Site Design
 - Storage Tanks
 - Surveying and Mapping
 - Water and Wastewater
 - Water Quality
 - Wetlands .

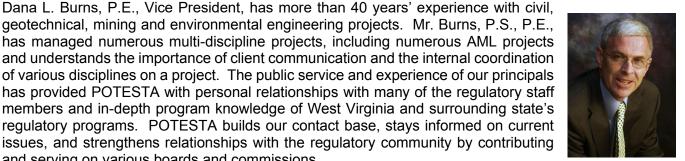
LEADERSHIP

Our firm is managed by two principals driving POTESTA forward with their experience and emphasis on exceeding expectations. Ronald R. Potesta, President, has served as the Director and Deputy Director of West Virginia's Department of Natural Resources (WVDNR) which, during his tenure housed all of the environmental regulatory programs, had an annual budget of \$23 million and 700 full-time employees. The agency at that time encompassed state environmental regulatory programs, wildlife management, and law enforcement.

geotechnical, mining and environmental engineering projects. Mr. Burns, P.S., P.E.,



Ronald R. Potesta



Dana L. Burns



and serving on various boards and commissions.

TECHNICAL EXPERTISE

ABANDONED MINE LANDS

The diversity of POTESTA's staff and their personal coal industry experience enable POTESTA to complete mining projects in all phases, from design to permitting. POTESTA's staff members belong to the Kanawha Valley Mining Institute, West Virginia Coal Association, Kentucky Coal Association, and groups that meet periodically to discuss technical, regulatory, environmental and other mining-related issues. Knowledge of potential changes in policies, regulations, etc. is vital to keep our companies informed and projects on the forefront of a constantly moving regulatory system. POTESTA understands that cost-effective designs and responsiveness are of the utmost importance in order to complete our clients' projects.

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

We have the preeminent staff in West Virginia for addressing issues regarding the abatement of problems associated with abandoned mine lands. POTESTA has assembled a successful team of employees that have 125+ years' experience working on WVDEP, AML projects and AML projects in other states. POTESTA has 20+ employees with experience on WVDEP, AML projects.

- Passive Acid Mine Drainage Treatment
- Assessment of Contamination (e.g., PCBs, asbestos)
- Demolition of Structures
- Diversion of Stormwater
- Identifying and Controlling Acid Mine Drainage
- Mine Fires
- Landslide Stabilization

Appendix A includes our completed AML Consultant Confidential Qualification Questionnaire. Appendix B includes our AML and Related Project Experience Matrix. These documents provide information the education. on gualifications, and previous experience of our professionals and support staff. The AML and Related Project Experience Matrix especially shows the number of AML reclamation projects completed.

- Reclamation of Refuse Piles
- Sealing Mine Portals
- Stream Relocations
- Subsidence Assessment and Remediation
- USCOE Permitting
- Water Line Design
- Water Supply Feasibility Studies and Design
- Inventory of Residential Water Supplies
- Wetland Assessments





TECHNICAL EXPERTISE

CIVIL ENGINEERING/SITE PLANNING

POTESTA's engineering staff has a broad background related to the vast field of civil engineering, including utility/infrastructure design, roadway design, development of grading plans, and storm water management. Our diverse staff of engineers, geologists, and scientists is routinely involved in these types of projects and works to support the project teams assigned to these projects on a daily basis to achieve a completed project that meets the client's expectations.

Once a project has been determined feasible through the preliminary planning stages, POTESTA's design professionals work to complete preliminary and final design plans. Frequent communication is made with the client and other design professionals to review the completed activities and obtain input for the design process.

- Site Selection/Siting Studies
- Access Roadway Design and Layout
- Utility Design/Relocation
- Earthwork Optimization
- Site Development Grading and Drainage Plans
- Hydraulic Structure Design
- Earth Retaining Structures
- Stormwater Management Plans
- Erosion and Sediment Control Plans

- Geometric Site Layout
- Vehicular and Pedestrian Circulation
- Grading and Drainage Plans, Including Excavation and Fill Optimization
- Water and Sewer Design
- Slope Stability Analysis
- Subsurface Drainage System Design
- Construction Drawings, Specifications, and Contract Document Preparation

POTESTA has a significant body of work in site design for residential, commercial and industrial clients. We have assisted numerous developers and development agencies with the creation of business industrial parks throughout West Virginia, and have been part of design teams for elementary, secondary and collegiate projects primarily associated with new building construction.





TECHNICAL EXPERTISE

SURVEYING

POTESTA proposes to utilize our own survey crews for work on this project. POTESTA will perform the surveying required for this project using in-house personnel. 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. Our surveyors have worked on numerous site development, roadway and bridge construction, utility construction, and landfill development.



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.

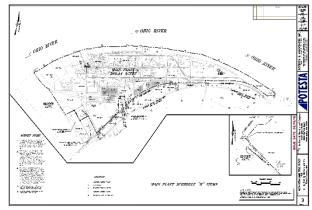
Small topographic mapping projects can be completed in-house using the aforementioned process. Larger projects are better suited for mapping using aerial photography. If necessary, POTESTA will provide the necessary surveying required for establishing ground control for aerial mapping in conjunction with our aerial mapping subcontractor. As a quality control measure, aerial mapping is field checked for accuracy by surveying cross sections or random points.

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

CADD

The CADD department utilizes the latest drafting/design software and computer hardware to maintain productivity at the high levels that clients demand and expect. We utilize Autodesk Civil 3D design software to prepare, revise, and manipulate drawings and engineering data efficiently. POTESTA's experienced and trained professionals allow clients' projects and assignments to be completed rapidly and at a reasonable cost.

- Surveying data manipulation including development of topographic mapping, cross sections, profiles, isopach drawings, etc.
- Site design including grading plans, drainage plans, utilities plans, right-of-way plans, etc.
- Roadway design
- Water, sanitary, sewer, electric, natural gas, and telecommunications design
- Permit drawings, maps, and exhibits
- Earthwork and planimetric quantity development
- Two- and three-dimensional graphics





TECHNICAL EXPERTISE

GEOTECHNICAL ENGINEERING

POTESTA's staff is very familiar with terrain ranging from plateaus to mountains. West Virginia and Virginia encompass rugged terrain, which presents unique challenges and hazards to mitigate threats. Our vast experience in our region has resulted in innovative approaches to the various challenges that the topography and geology present.

POTESTA can provide field engineers and geologists who are knowledgeable using the latest technologies subsurface explorations, monitoring well and piezometer installations, foundation design recommendations, slope stability analysis, retaining walls, and remedial designs as they relate to construction, mining, waste disposal, environmental remediation, and other projects. Our knowledge of the proper procedures and familiarity with local conditions allows office and field personnel to adjust the exploration plan if unanticipated field conditions are found.

SUBSURFACE EXPLORATIONS

- Attend an initial meeting with the client
- Conduct preliminary site reconnaissance
- Develop a recommended exploration program

SLOPE STABILITY ANALYSIS AND REMEDIAL DESIGN

- Utilize various methods to predict slope stability
- Analysis of existing or proposed soil embankments, rock fills, dam analysis and design, landfill design and operation, assessing the causation of slope failure, and designing remedial measures
- Analyses circular or sliding block methods, interface friction angles, and estimate of the strength parameters of the soil or rock
- Develop preventive measures during initial project design or recommendations for to repair slope failures
- Consider various remedial measure regarding the site to obtain more suitable conditions, management of groundwater, and design of retaining structures
- Familiar with wide variety of retaining structures gabion baskets, soldier beam and lagging walls, sheet piles, reinforced concrete and reinforced earth slopes

FOUNDATION DESIGN RECOMMENDATIONS

- Experience with various types of foundations and will recommend the appropriate type of foundation given the anticipated application and site conditions
- Foundations spread and strip footings, steel piles, auger-cast concrete piles, drilled piers, and reinforced mats
- Preliminary foundation design recommendations and cost analyses
- Preliminary alternatives for final recommendation
- Construction documents
- Final recommendation - construction drawings, technical specifications, recommendations for allowable bearing capacity, engineer's construction cost estimate, and contractor's bid sheet







TECHNICAL EXPERTISE

PERMITTING

Acquiring environmental permits is a critical element for the success of every project. POTESTA offers its clients exceptional expertise and experience when it comes to the permitting process, including all phases of application preparation, negotiations, modifications, compliance, and renewal at all levels of government. POTESTA has prepared the required environmental documents for numerous roadways, cross country pipelines/high voltage power lines, and site developments. POTESTA has the experience and knowledge and the regulatory relationships to provide timely, cost-effective solutions to your permitting needs.

POTESTA has completed numerous projects including environmental assessments, environmental impact statements, categorical exclusions, cultural resource studies, endangered species assessments, environmental compliance with various federal and state regulations (Clean Water Act [CWA], NEPA, and Endangered Species Act), permitting, wetlands delineation/mitigation, sampling and remediation.

Permits typically required for projects:

- Environmental Site Assessments
- Environmental Impact Statements
- Stormwater Management Permits
- Air Quality Permits
- Wetland Delineation and Mitigation Permits
- National Pollutant Discharge Elimination System (NPDES) Permits
- Groundwater Protection Plans
- Spill Prevention, Control and Countermeasure Plans
- Floodplain Management Studies and Permits



MANAGEMENT AND STAFFING

STAFF PROFILE

Total Staff: 74

- 14 Civil Engineers
- 16 Construction Technicians
- 4 Geotechnical Engineers
- 1 Geologist
- 8 CADD Operators/Draftsman
- 5 Surveyors
- 1 Mechanical Engineer
- 2 Aquatic Biologists
- 5 Biologists
- 1 Chemical Engineer

- 1 Fish & Wildlife Specialist
- 1 GIS Specialist
- 1 Horticulturalist
- 1 Environmental Scientist
- 1 Toxicologist
- 1 Economist
- 1 Aquatic Culturist
- 1 Information Technologist
- 11 Administrative Personnel



Included are 13 registered professional engineers (P.E.), 5 registered professional licensed land surveyors (P.S.), 5 Licensed Remediation Specialists (L.R.S.), 6 West Virginia Transportation Engineering Technicians, and one Ph.D. whose specialties include aquatic biology and water quality.

ABILITY OF STAFF

- POTESTA's current workload is such that we can immediately provide construction technicians, engineers, CADD designers, and survey crews to work on this project.
- Low turnover means interacting with the same POTESTA staff 13 registered Professional Engineers on staff with combined experience over 370 years and are supported by a capable team of engineers, designers, and surveyors.
- We have ability to take project from planning through construction we have successfully completed similar projects.
- 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 carries a full line of insurance coverage, including general liability, errors and omissions, and workers' compensation.
- We also have and follow a stringent internal quality control system designed to provide our clients with quality products.
- POTESTA believes the quality of our work is best exemplified by approximately 85 percent of our workload coming from repeat clients.



Charleston Office

Morgantown Office

Winchester Office



MANAGEMENT AND STAFFING

KEY SENIOR PROJECT TEAM

Good communication is the key for successful project completion. POTESTA listens to our clients and works to specify products that meet your needs. POTESTA has experience in developing this type of project and moving them through the process from start to finish.



Mr. Dana L. Burns, P.E., Vice President at POTESTA, will serve as principal-incharge for this project. As such, he will direct POTESTA's staff, answer questions, address problems encountered and review the project budget. Mr. Burns has over 41 years of experience with civil and environmental engineering 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 has served as project manager or principal-in-charge on three open end contracts for WVDEP, AML from 1986 through

1997 totaling over 65 projects. In addition, Mr. Burns has served as the principal-in-charge for numerous other WVDEP, AML projects since 2003.

Mr. Mark Kiser, P.E., Chief Engineer, will serve as the project manager and the primary contact for this project. Mr. Kiser has over 37 years of engineering experience and has worked on over 75 different AML projects for WVDEP. His AML experience includes abandoned surface and deep mine reclamation; mine portal and shaft closures; hydraulic and hydrologic design/evaluation; landslide investigation and stabilization; remining explorations; mine refuse fire abatement and extinguishing plans; subsidence explorations and stabilization plans; water feasibility studies and water system design; construction observation and management plans; natural stream restoration projects; geotechnical explorations; slope stability analyses; preparation of construction drawings, specifications and



engineers estimates; and directing both pre-bid and pre-construction meetings. Mr. Kiser is familiar with management of subcontractors, as well as managing staff and equipment needs for the design team.



Mr. David B. Sharp, P.E., is the Branch Manager of POTESTA's Morgantown office. Mr. Sharp is a registered professional engineer in Maryland, West Virginia, Pennsylvania, Ohio, and Kentucky. Mr. Sharp has over 26 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.



MANAGEMENT AND STAFFING

Mr. Christopher Grose, L.R.S., Senior Engineering Associate, has over 31 years of experience and will serve as geotechnical engineer for this project. His areas of expertise include geological/geotechnical explorations, surface/subsurface hydrology, hydrogeology, and landslide causation analysis/stability modeling/failed slope restoration. Mr. Grose's experience includes the design and evaluation of geotechnical explorations related to bridges, culverts, earth retention structures, slope stability and engineered fill construction. Mr. Grose currently oversees aspects of geotechnical work at POTESTA in their Charleston, West Virginia office and has worked on WVDEP, AML projects since 1990. Mr. Grose will evaluate slope stability issues with respect to regraded coal refuse, landslide abatement, or other steep slope applications.

Mr. Tim Rice, E.I.T., Senior Engineer, will serve as the project engineer available for reclamation plan preparation and design. Mr. Rice has over 39 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; 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.

Mr. Terence C. Moran, P.E., Senior Engineer, will serve as project advisor if needed. Mr. Moran has served as project manager/project engineer or assisted with over 60 AML projects in West Virginia and Virginia. Mr. Moran has 34 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 is satisfied with POTESTA's work by ensuring that proper QA/QC and timeliness are adhered to.

Messrs. Jeremi Stawovy, E.I.T., and Peter S. Potesta, Staff Engineers, have over 20 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.

Ms. Jessica Yeager, MS, Senior Scientist, is an aquatic biologist and toxicologist with 28 years of experience in evaluating the effects of anthropogenic activities on aquatic communities. She reviews and prepares environmental assessments, biological assessments and other environmental impact studies, as well as environmental permits for energy and industrial clients. Ms. Yeager is proficient in incorporation of GIS in project development and has worked as a project manager for T&E and SHPO coordination/consultation. Other specialties include developing impact assessments for planned disturbances and accidental releases, establishing and implementing recovery plans for streams and rivers, supervising the field personnel conducting impact assessments, designing benthic macroinvertebrate and fish studies for permitting needs, biological assessments of federally threatened



MANAGEMENT AND STAFFING

and endangered species, and advising clients on issues pertaining to the Endangered Species Act, CWA, and the National Environmental Policy Act. Ms. Yeager is a certified wetland soil scientist, botanist, and hydrologist with field experience in Kentucky, Virginia and West Virginia. Ms. Yeager is also a recognized forensic delineation professional. She has completed numerous environmental studies for large energy projects.

Mr. Timothy Ferguson, Senior Scientist, has over 16 years' experience in environmental compliance and permitting and has served as project manager for numerous projects. He specializes in stream and wetland identification and delineation, mitigation development and planning, and permitting with the following agencies: USACE, WVDEP, WVDNR, West Virginia State Historical Preservation Office (SHPO), United States Fish and Wildlife Service and United States Environmental Protection Agency. He is formally trained in the use of the 1987 USACE Wetland Delineation Manual from Ohio State University in 2008 and has been utilizing the Eastern Mountains and Piedmont Regional Supplement since its issuance.

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

Mr. Burns' and Mr. Kiser's Registered Professional Engineer certificates are included on the following pages, along with an organizational chart. Our capabilities, qualifications, and expertise in design of AML projects are further exemplified in the Prior Experience section.

References:

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

Huntington Sanitary Board

Mr. Pat Taylor, P.E. Engineer for Huntington Water Quality Board PO Box 7098 Huntington, WV 25775 (304) 993-7999 ptaylor@huntingtonsb.com



MANAGEMENT AND STAFFING

Primary Staff Professional Certifications

Principal-In-Charge

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS all to whom these presents shall come. Greeting Brow Dr. That Che Shile Board of Registration for Professional Confineers, of the State of West Virginia, reposing special confidence in the Intelligence. Integrity and Discretion of Dana E. Burns Dons, IN PERSUANCE OF AVAILORIAN VESTED IN 13 by law, hereby certify that he having submitted satisfadory evidence of hisability and aperience, is a REGISTERED PROFESSIONAL ENGINEER Registration Rumber (Co Hold) and use such tille in the practice of his profession, subject to the conditions prescribed by law. Given under the hand and the Seal of the Board at the Capitol in the Eity of Charleston this 17th day of Sent. in the year of our Lord One Thousand Nine Hundred and Sighty Five and of the State the One Hundred Twenty ~ Lecond STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS Robert S. Scott Broudent Frond Haddy Monio & Michen - Kenneth H Means



MANAGEMENT AND STAFFING

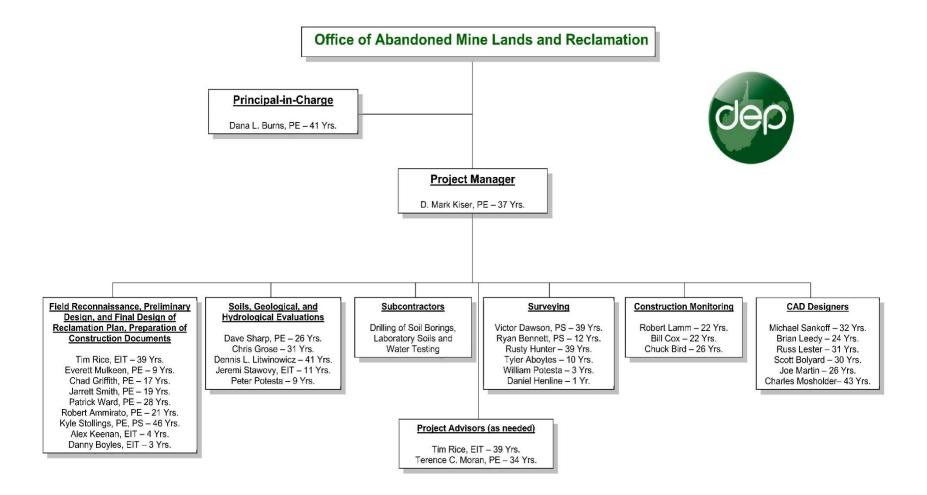
Primary Staff Professional Certifications

Chief Engineer

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS all to whom these presents shall come. Greeting Thom Des That the State Board of Benietation for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of David M. Kiser DOBS, IN PURSUANCE OF AVAILORIARY VESTED IN IT by law, hereby certify that he having submitted satisfactory evidence of his ability and experience, is a REGISTERED PROFESSIONAL ENGINEER: Registration Mumber (To Hold) and use such title in the practice of his profession, subject to the conditions prescribed by law. Given under the hand and the Seal of the Board at the Capitol in the City of Charleston day of March in the year of our Lord One Thousand Nine Hundred and Ninety and of the State the One Hundred Twenty-sixth. STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS Secretary Frond & Goddy Mesident Kenneth H. Means Robut Black FThend



MANAGEMENT AND STAFFING





PRIOR EXPERIENCE

SUNDIAL (HATFIELD) REFUSE PILES

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

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

As part of this project, the following were completed:



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



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

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

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



PRIOR EXPERIENCE

MILL CREEK REFUSE PILE

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

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

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





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

Final design is to meet the WVDEP standards.



PRIOR EXPERIENCE

KOPPERSTON – JOHN'S BRANCH REFUSE PILE EMERGENCY AML PROJECT

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

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



AMLR could bid the project and stabilize the eroding coal refuse so that the railroad could be placed back into service.

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



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

The plan included 7,150 linear feet of riprap and grouted riprap channels to carry surface runoff over and around the steep coal refuse pile. The project included twin 72-inch reinforced concrete pipes

installed beneath the railroad and a 5-foot by 10-foot concrete box culvert to carry runoff under WV Route 85 to the receiving stream. POTESTA obtained approvals from Norfolk Southern Railroad and the West Virginia Division of Highways so that construction could proceed.



PRIOR EXPERIENCE

JOHN'S BRANCH COAL REFUSE DAM AML RECLAMATION PROJECT

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



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

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

POTESTA developed a reclamation design; prepared technical specifications, drawings, contractor's bid form, engineer's construction cost estimate and calculations brief; prepared a construction stormwater National Pollutant Discharge Elimination System (NPDES) application; and assisted WVDEP, AMLR with pre-bid and pre-construction meetings. POTESTA's reclamation design included regrading of the coal refuse pile to flatten steeply sloped portions of the refuse pile and to establish benches or terraces on the face of the coal refuse pile to control erosion and surface runoff. POTESTA designed a system of surface water drainage



channels to control runoff. The reclamation plan included soil covering coal refuse and revegetation. A portion of the top of the coal refuse pile was covered with wetland vegetation. Two natural gas wells also existing on the top of the refuse pile. POTESTA's reclamation plan preserved and protected these areas, avoiding negative impacts.

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



PRIOR EXPERIENCE

MEASLE FORK REFUSE

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

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

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

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





PRIOR EXPERIENCE

GEORGE'S CREEK (LUCAS) LANDSLIDE MAINTENANCE

West Virginia Department of Environmental Protection - Office of Abandoned Mine Lands Kanawha County, West Virginia



Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection - Office of Abandoned Mine Lands (WVDEP) to evaluate and perform geotechnical engineering services for a landslide related to historic mining activity which was threatening a nearby residential structure.

A portion of the existing hillside immediately adjacent to the rear of the residential structure was excavated prior to construction of the structure to a near vertical

slope exposing weathered shale and a coal seam near the slope's base. The exposed coal seam was determined to be the No. 2 Gas seam which was reportedly mined in the 1950s. Some drainage was noted flowing from the coal seam and the resulting water was conveyed through a nearby culvert to Georges Creek. Attempts were made by WVDEP to excavate loose rock and soil from the hillside in an effort to improve stability of the slope. Following this initial work, the slope continued to slough with periodic small slides and slope movement believed to be caused by continued subsidence of the underground mine works.

POTESTA performed a subsurface exploration to assist in evaluating the landslide condition, including the type and condition of the rock located in the slope, as well as the attitude, thickness and condition of the underlying coal seam. POTESTA survey crews also completed a topographic survey of the affected area including the surrounding residential structure, drains and wooded hillside. The remedial measures to correct the landslide area included the design of a 25-foot high steel soldier beam and concrete lagging retaining wall with sloped, compacted backfill constructed from on-site materials. The retaining wall design required the application of a



rock anchor tie-back system due to mine voids existing at the base of the hillside slope that were encountered during the subsurface exploration.

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



PRIOR EXPERIENCE

LAKE LYNN COMPLEX

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

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

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

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



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



PRIOR EXPERIENCE

TAYLORVILLE (CANTRELL) DRAINAGE

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

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) to evaluate 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 with the project.



PRIOR EXPERIENCE

LANDO (EDWARDS) DRAINAGE

West Virginia Department of Environmental Protection Office of Abandoned Mine Lands Lando, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Department of Environmental Protection's Office of Abandoned Mine Lands (WVDEP) 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 with the project.



PROJECT MANAGEMENT

Management Plan

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

POTESTA's professional, technical, and support staff have extensive experience on WVDEP-AML including many coal refuse reclamation, mine portal reclamation, drainage control, and other AML problem areas. We are well qualified to serve WVDEP on this project. We stand ready to commit the personnel and resources required to complete this project in a timely, technically sound, and cost-efficient manner. POTESTA's large staff size will allow us to work on this project 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 project manager will visit the site with WVDEP, AML to review site conditions and the proposed services to be completed and guide the preparation of a detailed proposal and cost estimate. A written proposal including a detailed scope of work and an associated manhour and cost estimate will then be prepared and submitted to WVDEP, AML for review. The project

manager will review the proposal with the WVDEP, AML including a task-by-task discussion of work items and the related costs. Upon WVDEP, AML's approval of the proposal, the project manager will arrange for the start of project activities. The principal-in-charge will provide the project manager the required staff and resources necessary to complete the project activities, will review the project budget and schedule during performance of the project, and will provide a final QA/QC review of the documents prior to submittal to the WVDEP, AML. Mr. Dana Burns, P.E. will serve as the principal-in-charge on this

project. Day-to-day project activities for this project will be performed under the direction of our project manager, Mr. Mark Kiser. 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, AML project manager as required. The project manager will supervise the day-to-day work in progress, will coordinate with POTESTA's subcontractors to provide necessary services, and review work products at intermediate points and prior to submittal to the WVDEP, AML.





PROJECT MANAGEMENT

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

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

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

Location of Facilities

POTESTA will complete the work under this contract in our Charleston, West Virginia office. Our subcontractors are located in the Charleston area or other strategic locations and are quite familiar with the location of the subject site.

Quality Assurance/Quality Control

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



PROJECT MANAGEMENT

Certificate of Liability Insurance

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

ACORD	ERTI	FICATE OF LIA			DTE&AS-01		NGONZALEZ E (MM/DD/YYYY) 3/8/2022
THIS CERTIFICATE IS ISSUED AS A CERTIFICATE DOES NOT AFFIRMATIN BELOW. THIS CERTIFICATE OF INS REPRESENTATIVE OR PRODUCER, AN	VELY OF	R NEGATIVELY AMEND, DOES NOT CONSTITU	EXTEND OR ALT	ER THE C	OVERAGE AFFORDED	TE HO	DLDER. THIS
IMPORTANT: If the certificate holder If SUBROGATION IS WAIVED, subjec this certificate does not confer rights to	t to the	terms and conditions of	the policy, certain ch endorsement(s)	policies may			
PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980			CONTACT NAME: PHONE (A/C, No, Ext): (703) E-MAIL ADDRESS: admin@	327-2277 amesgoug	FAX (A/C, No): (703)	827-2279
McLean, VA 22102			INSURER A : Valley	surer(s) Affo Forge Insu	RDING COVERAGE	10.	NAIC #
INSURED Potesta & Associates, Inc. 7012 MacCorkle Avenue, SE Charleston, WV 25304			Fire Insuran	ance Company A(XV ce Company of Hartford ce Company		35289 20478 35378	
COVERAGES CERT	TIFICATE	NUMBER:			REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIE INDICATED. NOTWITHSTANDING ANY RE CERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUCH F	EQUIREMI PERTAIN,	ENT, TERM OR CONDITION THE INSURANCE AFFORM LIMITS SHOWN MAY HAVE	N OF ANY CONTRA	CT OR OTHE	R DOCUMENT WITH RESP BED HEREIN IS SUBJECT	TO ALL	DLICY PERIOD O WHICH THIS THE TERMS,
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CLOSING

We look forward to continuing to serve WVDEP, AML on the Carbondale (Hill) Portals Phase II Project and bring it to completion. Our staff has an abundance of experience with AML reclamation projects throughout West Virginia 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 your 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 WVDEP AML and our great Mountain State.





APPENDIX A

	GINIA DEPARTMEN				
AML	CONSULTANT QUA		ESTIONN	AIRE	Attachment "A"
PROJECT NAME	DATE (DAY, MONT			FEIN	
AML/Carbondale (Hill) Portals Phase II	14, April	, 2022		3115	09066
FIRM NAME	2. HOME OFFICE	BUSINESS ADDRESS		3. FORMER	FIRM NAME
	7012 MacCo	rkle Avenue, SE			
Potesta & Associates, Inc.	Charleston	, West Virginia	25304	N/A	
4. HOME OFFICE TELEPHONE 5. ESTAB	LISHED (YEAR)	6. TYPE OWNERSH	IP		6a. WV REGISTERED DBE
		🗌 Individual	🛛 Corp	oration	(Disadvantaged Business
(304) 342–1400 199	7	🗆 Partnership	🗌 Join	t-Venture	
					□ YES ⊠ NO
7. PRIMARY AML DESIGN OFFICE: ADDRESS/					
7012 MacCorkle Avenue, SE, Charles Char	ston, west virgin rleston - 9 / Mor				L. DUTHS, VICE President
8. NAMES OF PRINCIPAL OFFICERS OR MEMB		-			ER - OTHER PRINCIPALS
Ronald Potesta, President	UL LINN	oa. NAME, IIILE	, αισμε	FILONE NOME	DER - VINER FRINCIPALD
Dana L. Burns, Vice President		N/A			
9. PERSONNEL BY DISCIPLINE					
· Indoniel Di Diodificial					
11 ADMINISTRATIVE 2 ECOLO	GISTS	LANDSCAPE	E ARCHITI	ECTS	STRUCTURAL ENGINEERS
ARCHITECTS 1 ECONO	MISTS	1 MECHANICA	AL ENGIN	EERS	5 SURVEYORS
	RICAL ENGINEERS	1 MINING H	ENGINEEF	RS	TRAFFIC ENGINEERS
	ONMENTALISTS	PHOTOGRAM	METRIST	S	1 HORTICULTRUALIST
1 CHEMICAL ENGINEER ESTIM		PLANNERS:			4 GEOTECHNICAL ENGINEERS
14 CIVIL ENGINEERS <u>1</u> GEOLO		SANITARY		RS	1 FISH & WILDLIFE
11 CONSTRUCTION INSPECTORS HISTO	RIANS	SOILS ENG	GINEERS		SPECIALISTS
DESIGNERS HYDRO	LOGISTS	SPECIFICA	ATION		1 GIS SPECIALIST
1 DRAFTSMEN		WRITERS			1 AQUA CULTURALIST
					1 INFORMATION TECHNOLOGIST
					CHEMIST OTHER
					OIHER
					74 TOTAL PERSONNEL
TOTAL NUMBER OF WV REGISTERED PRO	OFESSIONAL ENGINE	ERS IN PRIMARY OF	FICE	9	
*RPEs other than Civil and Mining			-	-	ies them to
supervise and perform this type			-	-	
				/>	
10. HAS THIS JOINT-VENTURE WORKED TOGE	THER BEFORE?	□ YES □ NO	× N	/ A	

11. OUTSIDE KEY CONSULTANTS/SUB-C	CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Co	onsultant Qualification Questionnaire".
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Keddal Aerial Mapping 1121 Boyce Road, Suite 3100	Aerial Photography and Mapping	🖾 YES
Pittsburgh, Pennsylvania 15241		□ NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
GeoMechanics, Inc.	Environmental and Coal Related Laboratory	🛛 YES
600 Munir Drive		
P.O. Box 386		□ NO
Elizabeth, PA 15037		
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Test Boring Services 140 Mong Road	Soils and Rock Boring	🖾 YES
Scenery Hill, Pennsylvania 15360		□ NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
	Sollowed Connector Tradica	🛛 YES
GeoMechanics, Inc. 600 Munir Drive	Soils and Concrete Testing	⊠ IES
P.O. Box 386		□ NO
Elizabeth, PA 15037		
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
Pace Analytical 5 Weatheridge Drive	Water Analytical	🖾 YES
Hurricane, WV 25526		🗆 NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		🗆 YES
		□ NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		□ YES
		□ NO
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		🗆 YES
		🗆 NO

12. A. Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering? \boxtimes YES \Box NO

Description and Number of Projects: POTESTA's principal-in-charge, Dana L. Burns, P.E. and project managers, Messrs. Mark Kiser, P.E., Terence Moran, P.E., and Tim Rice, EIT, 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. POTESTA has 15 staff with experience on AML projects. POTESTA'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.

B. Is your firm experienced in Soil Analysis?

🛛 YES 🗌 NO

Description and Number of Projects: POTESTA's staff is experienced in all aspects of soil analysis, including geotechnical and environmental soil analysis. POTESTA's staff has worked on 30+ AML projects involving soil science, including slope stability and revegetation. POTESTA is experienced in soil analysis as it relates to this project. POTESTA'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.

C. Is your firm experienced in hydrology and hydraulics?

🛛 YES 🗌 NO

Description and Number of Projects: POTESTA's staff is experienced in hydrology and hydraulics as it relates to AML projects in West Virginia. POTESTA's staff has worked on over 70 AML projects that involved sizing channels, culverts, and waterlines. POTESTA has developed well over 100 storm water management plans for mines, industrial facilities, and new site development projects throughout West Virginia.

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

🛛 YES 🗌 NO

Description and Number of Projects: POTESTA'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. POTESTA has completed 200+ mapping development projects in the last five years.

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 🗌 NO

Description and Number of Projects: POTESTA's staff is exceptionally experienced at domestic waterline design. POTESTA's staff has worked on waterline designs and water treatment plant designs for municipalities, WVDEP AML, and private utilities. POTESTA'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. POTESTA has performed over 40 water line design projects totaling several hundred miles of installed water line.

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design? \boxtimes YES \square NO

Description and Number of Projects: POTESTA has completed numerous projects addressing acid mine drainage evaluation and abatement design. POTESTA'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.

13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Burns, Dana L. Vice President	YEARS OF AML DESIGN EXPERIENCE: 28	YEARS OF AML RELATED DESIGN EXPERIENCE: 37	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 26
ATCE LIESTREUL			
Brief Explanation of Responsibilities	3		
Mr. Burns will serve as principal-in- Mr. Burns has served as the project r 1986 through 1997, totaling over 60 p project will be identified. He will	nanager or principal-in-charge projects. He will ensure the	e on three open end contracts personnel required to efficie	for WVDEP, AML from ently complete this
EDUCATION (Degree, Year, Specializat:	Lon)		
MS, 1979, Civil Engineering wit BS, 1978, Civil Engineering	th Environmental Engineering 1	Emphasis	
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
West Virginia Coal Association		1005	
American Society of Civil Engin		PE, 1985, WV	
West Virginia Association of Co American Consulting Engineering		PS, 1995, WV	
13. PERSONAL HISTORY STATEMENT OF PR	·	ANT DO THE DO THE DECTOR	(Europich complete
data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PRODECT DESIGN	(rumish complete
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
Kiser, D. Mark Senior Engineer	34	38	EXPERIENCE: 26
Senior Engineer			
Brief Explanation of Responsibilities	3		•
Mr. Kiser will serve as Project Manage WVDEP and the design teams, subcontra- include projects in West Virginia, Ma technical knowledge and experience to	actors, and project advisors aryland, Ohio, and Pennsylvan o complete this AML project.	for this project. His 33 year	rs of AML experience
EDUCATION (Degree, Year, Specializat:	lon)		
BS, 1984, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT:	IONS	REGISTRATION (Type, Year, St PE, 1990, WV Licensed Remediation S	

13. PERSONAL HISTORY STATEMENT OF PRI data but keep to essentials)	NCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete	
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE			
Sharp, David B.	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN	
Morgantown Branch Manager	26	26	EXPERIENCE: 26	
Brief Explanation of Responsibilities				
Mr. Sharp will serve as technical rev projects throughout the region. Mr. ensure the personnel required to effi issues with the State of West Virgini career involved in geotechnical engin	Sharp has served as the Branc ciently complete this project a. Mr. Sharp has worked on a	h Manager in Morgantown for 12 will be identified. He will nd managed AML projects and ha	2 years. He will coordinate contract	
EDUCATION (Degree, Year, Specializati	on)			
MS, 1995, Civil Engineering wit	h Geo-environmental Engineeri	ng Emphasis		
BS, 1993, Civil Engineering				
MEMBERSHIP IN PROFESSIONAL ORGANIZATI West Virginia Coal Association	ONS	REGISTRATION (Type, Year, Sta	ate)	
American Society of Civil Engin	eers	PE, 1999, WV PE, 2	2001, KY	
West Virginia Association of Co			2001, ОН	
American Consulting Engineering	Council - Trans Committee	PE, 2000, PA		
 PERSONAL HISTORY STATEMENT OF PRI data but keep to essentials) 	NCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete	
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE		
Grose, Christopher A.	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN	
Senior Engineering Associate	22	26	EXPERIENCE: 18	
Brief Explanation of Responsibilities				
Mr. Grose will coordinate the drillin sites for soil cover, and investigati recommendations for mine seals.	· · · ·			
EDUCATION (Degree, Year, Specializati	on)			
MS, 1990, Geological Engineerin BS, 1988, Civil Engineering	-			
MEMBERSHIP IN PROFESSIONAL ORGANIZATI		REGISTRATION (Type, Year, Sta	ate)	
American Society of Civil Engin				
Association of Engineering Geol		Licensed Remediation Sp	pecialist, 1998, WV	
Society of American Military En	gineers			

13. PERSONAL HISTORY STATEMENT OF PF	INCIDATO AND ACCOUNTED DECD	NATRIE HOR ANT PROTECT REGIO	T (Dunnich complete	
data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	DISIBLE FOR AML PROJECT DESIGN	N (Furnish Compiete	
÷				
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE			
Rice, Timothy M.	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN	
Senior Engineer	33	39	EXPERIENCE: 33	
5				
Brief Explanation of Responsibilitie				
Mr. Rice has significant experience channelization, and has served as a	project manager on many simil	lar projects. Mr. Rice will a	also provide	
constructability reviews and QA/QC f		ions and final construction do	ocuments.	
EDUCATION (Degree, Year, Specializat	ion)			
BS, 1982, Civil Engineering				
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, St	ate)	
		EI, 2005, WV		
13. PERSONAL HISTORY STATEMENT OF PF data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	ONSIBLE FOR AML PROJECT DESIGN	N (Furnish complete	
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE		
Manin & IIIIn (hase, First, Middle Inc.)	YEARS OF AML DESIGN EXPERIENCE:		YEARS OF DOMESTIC	
Potesta, Ronald R. President		EXPERIENCE:	WATERLINE DESIGN EXPERIENCE:	
Brief Explanation of Responsibilitie	'S			
As President, Mr. Potesta directs th WVDEP.	e full resources of the firm	to meet the complete requirer	ments of this project for	
EDUCATION (Degree, Year, Specializat	ion)			
MS, 1975, Economics with a Con BS, 1971, Business Administrat		ics, Econometrics, and Micro H	Economics	
MEMBERSHIP IN PROFESSIONAL ORGANIZAT Commissioner, Ohio River Valle Commission; Board of Directors Conservancy; National Institut Environmental Institute; WV Ma	y Water Sanitation , WV Chapter of the Nature e for Chemical Studies; WV	REGISTRATION (Type, Year, St	tate)	

13. PERSONAL HISTORY STATEMENT OF PRI data but keep to essentials)	NCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Peter S. Potesta Staff Engineer	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 3	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 5
Brief Explanation of Responsibilities			
Mr. Peter Potesta, Staff Engineer, project. His areas of expertise ind gas production well pads and access stability analysis, civil/site design	has over 8 years of experient clude geotechnical engineering ss roads, retaining wall des gn, and landslide causation in	g with an emphasis in landslic sign and analysis, foundation	de repair design, natural
EDUCATION (Degree, Year, Specializati	on)		
BS, 2011, Civil Engineering BA, 2007, Environmental Geoscie	nces		
MEMBERSHIP IN PROFESSIONAL ORGANIZATI	ONS	REGISTRATION (Type, Year, St	ate)
 PERSONAL HISTORY STATEMENT OF PRI data but keep to essentials) 	NCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Jeremi J. Stawovy, E.I.T. Staff Engineer	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 8	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 11
Brief Explanation of Responsibilities			
Mr. Jeremi Stawovy, Staff Engineer, h project. His areas of expertise incl geotechnical evaluations including ma modeling, foundation analysis, well p construction.	ude geotechnical engineering nagement of subsurface explor ad construction, roadway impr	with an emphasis in landslide ations, settlement analysis,	repair design, slope stability
EDUCATION (Degree, Year, Specializati	on)		
MS, 2011, Civil/Environmental E BS, 2009, Civil/Environmental E			
MEMBERSHIP IN PROFESSIONAL ORGANIZATI	ONS	REGISTRATION (Type, Year, St	ate)
		Engineer Intern, 2009,	WV

 PERSONAL HISTORY STATEMENT OF PRI data but keep to essentials) 	NCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete	
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE			
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC	
Moran, Terence C.		EXPERIENCE:	WATERLINE DESIGN	
Senior Engineer	24	27	EXPERIENCE: 27	
Brief Explanation of Responsibilities				
Mr. Moran will serve as project manag	er coordinating interaction h	atween the WUDEP design team	members and	
subconsultants. Mr. Moran has served				
between 1989 and 1999. More recently				
including water studies and reclamati				
will also serve as one of the princip			DI a weekiy basis. He	
will also serve as one of the princip	at designets of the rectamati	on design solution.		
EDUCATION (Degree, Year, Specializati	on)			
MS, 1989, Civil Engineering				
BS, 1987, Civil Engineering				
MEMBERSHIP IN PROFESSIONAL ORGANIZATI	ONS	REGISTRATION (Type, Year, St	cate)	
American Society of Civil Engin	eers	PE, 1996, WV		
		PE, 1998, VA		
13. PERSONAL HISTORY STATEMENT OF PRI	NCIPALS AND ASSOCIATES RESPON	SIBLE 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	YEARS OF DOMESTIC	
Griffith, Chad		EXPERIENCE:	WATERLINE DESIGN	
Staff Engineer	7	9	EXPERIENCE: 12	
Brief Explanation of Responsibilities				
Mr. Griffith has extensive experience				
mining related NPDES permits, mining :				
layout, road design, geotechnical en			rmwater/NPDES permitting,	
construction monitoring, hydrology, a	nd other areas of civil engin	eering.		
EDUCATION (Degree, Year, Specializati	on)			
BS, 2004, Civil Engineering				
MEMBERSHIP IN PROFESSIONAL ORGANIZATI	ONS	REGISTRATION (Type, Year, St	tate)	
		PE, 2008, WV		

13. PERSONAL HISTORY STATEMENT OF P data but keep to essentials)	RINCIPALS AND ASSOCIATES RESP (ONSIBLE FOR AML PROJECT DESIG	SN (Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 41	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Brief Explanation of Responsibiliti	es		
Mr. Litwinowicz will serve as a pro assistance on evaluation of other g		ervation of subsurface explor	ration activities and
EDUCATION (Degree, Year, Specializa	tion)		
BS, 1980, Geology and Mineral	ogy		
MEMBERSHIP IN PROFESSIONAL ORGANIZA	TIONS	REGISTRATION (Type, Year, St	ate)
American Association of Petro	leum Geologists	Certified Petroleum Ge	ologist, 1984
13. PERSONAL HISTORY STATEMENT OF P.	RINCIPALS AND ASSOCIATES RESP	ONSIBLE FOR AML PROJECT DESIG	SN (Furnish complete
data but keep to essentials)			_
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
Dawson, Victor M. Survey Supervisor	YEARS OF AML DESIGN EXPERIENCE	E: YEARS OF AML RELATED DESIGN EXPERIENCE: 34	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 18
Brief Explanation of Responsibilitie Mr. Dawson will coordinate required benchmarks, topographic surveys, bo profiling significant existing drain survey data and create topographic re	surveying for aerial mapping undary surveys and/or property nage courses not clearly defin mapping for AML projects.	y and deed research, survey o	of boring locations and
EDUCATION (Degree, Year, Specializa	tion)		
AS, 1983, Surveying			
MEMBERSHIP IN PROFESSIONAL ORGANIZA		REGISTRATION (Type, Year,	State)
American Congress Surveying a			
West Virginia Association of		PS, 1988, NC	
North Carolina Society of Sur- South Carolina Society of Sur-		PS, 1989, SC PS, 1993, WV	

13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPON	SIBLE FOR AML PROJECT DESIGN	(Furnish complete		
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE				
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC		
Sankoff, Michael B.	16	EXPERIENCE: 29	WATERLINE DESIGN EXPERIENCE: 18		
CADD Designer/Supervisor	10	23	EAFERIENCE. 10		
Brief Explanation of Responsibilitie:	3	•			
Mr. Sankoff will provide the CADD su	port in proparation of constr	uction drawings for the proje	at He will reduce		
survey data to provide sufficient map		accion arawings for the proje	cc. ne will leduce		
EDUCATION (Degree, Year, Specializat:	lon)				
BS, 1987, Industrial Management	_				
AS, 1986, Drafting and Design I					
AS, 1986, Mechanical Engineeri					
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, St	cate)		
13. PERSONAL HISTORY STATEMENT OF PR	NCIPALS AND ASSOCIATES RESDON	STRLE FOR AML PROTECT DESIGN	(Furnish complete		
data but keep to essentials)		SIBLE FOR AME INCOLCT DEDIGN			
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE			
		YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC		
Ammirato, Robert J.	10	EXPERIENCE: 13	WATERLINE DESIGN EXPERIENCE: 13		
Engineer	10	10			
Brief Explanation of Responsibilities	3				
Mr. Ammirato will serve as a project	engineer for the project Hi	s responsibilities will inclu	de bydraulic		
calculations, layout, drawing prepara					
work. He has extensive experience in					
Mr. Ammirato was the project enginee:	r on our Borderland (Matney) P	ortals project.			
EDUCATION (Degree, Year, Specializat:	.on)				
DC 1000 Mechanical Province					
BS, 1999, Mechanical Engineerin	19				
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	CONS	REGISTRATION (Type, Year, Sta	te)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta PE, 2010, WV	te)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT:	IONS		te)		

 PERSONAL HISTORY STATEMENT OF PR data but keep to essentials) 	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC
Smith, Jarrett M.		EXPERIENCE:	WATERLINE DESIGN
Senior Engineer	11	13	EXPERIENCE: 13
Brief Explanation of Responsibilitie:	5		
Mr. Smith has been involved extensive preparation of NPDES stormwater cons grading plans and quantity/cost estin AML project.	truction permits. He also ha	s significant expertise in the	e development of site
EDUCATION (Degree, Year, Specializat:	ion)		
BS, 2002, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, Sta	ate)
National Society of Profession	_	PE, 2008, WV	
 PERSONAL HISTORY STATEMENT OF PR data but keep to essentials) 	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
	YEARS OF AML DESIGN EXPERIENCE		YEARS OF DOMESTIC
Ward, Patrick E.	12	EXPERIENCE: 10	WATERLINE DESIGN EXPERIENCE: 10
Senior Engineer	12	IO	EAFERIENCE. 10
Brief Explanation of Responsibilities	5		
Mr. Ward will serve as a project eng project engineer on refuse piles, min			
EDUCATION (Degree, Year, Specializat:	ion)		
MS, 1992, Civil Engineering (Ge BS, 1990, Civil Engineering	eotechnical)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, S	State)
		PE, 1997, 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.

Haestead 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 2021 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 I	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
Sardis (Saas) Landslide	WVDEP Abandoned Mine Lands 101 Cambridge Place Bridgeport, WV 26330	Surveying, subsurface exploration, design, and construction phase services for landslide remediation, wet mine seals and/or seep collectors, and drainage channels to convey mine water.	\$800,000 (Pre-Design Engineer's Estimate)	08
West Virginia University Rockfall Mitigation, Morgantown, WV	West Virginia University Division of Facilities, Design & Construction 979 Rawley Lane Morgantown, WV 26506	Review of Rockfall Hazards, Coordination with Repair Contractor, and Owner Representative during Construction.	\$2,900,000	95%
Upper Grave Creek Dam Landslide Evaluation, Cameron, WV	Northern Panhandle Conservation District 1 Ball Park Drive McMechen, WV 26040	Surveying, Subsurface Exploration, and Design of Landslide Remediation.	\$350 , 000	50%
Wheeling Creek Dam #7 Landslide Evaluation, Ohio County, WV	Northern Panhandle Conservation District 1 Ball Park Drive McMechen, WV 26040	Surveying, Subsurface Exploration, and Design of Landslide Remediation.	\$800,000	20%
Armory Lot Retaining Wall Replacement	City of Morgantown Parking Authority 300 Spruce Street Morgantown, WV 26505	Design of Failed Retaining Wall.	\$200,000	90%
Kinetic Park Landslide Remediation	Huntington Municipal Development Authoritiy 800 5 th Avenue Huntington, WV 25701	Design of Landslide Repair.	\$3,900,000	98%
Friends of Cheat, Cheat River Rail Trail Landslide & Drainage Evaluation	Friends of the Cheat 1343 N. Preston Highway Kingwood, WV 26537	Field Review of the Existing Trail and Recommendations for Landslide abatement and drainage improvements.	TBD	80%
Herring Sub Area 1 & 3 Water Line Extension Preston County, WV Project entirely funded by WVDEP, AML	Preston County PSD #2 c/o Kingwood Water Works 313 Tunnelton Street Kingwood, WV 26537	Design and construction management of water line extension, including 9 miles of line.	\$2,190,000	10%

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
ingwood Landfill, andfill Closure Design ingwood, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	Preparation of construction drawings, technical specifications, engineer's construction cost estimate, and calculations brief for closure of landfill.	\$6,000,000	98%
owesville Area Water ine Extension reston County, WV Project mostly funded by VDEP, AML	Preston County PSD #2 c/o Kingwood Water Works 313 Tunnelton Street Kingwood, WV 26537	Design and construction management of water line extension, including 12 miles of line and one 60,000- gallon tank.	\$2,801,344	98%
oone County PSD astewater Treatment lant Upgrade oone County, WV	Boone County PSD PO Box 287 Danville, WV 25053	Final design of wastewater treatment plant upgrade.	\$4,000,000	75%
own of Mill Creek Water ystem Improvements ill Creek, WV	Town of Mill Creek High Street Mill Creek, WV 26280	Design of water line replacement including construction documents.	\$2,650,000	95%
owen PSD, Erbacon Water ine Extension	Cowen PSD 7017 Webster Road Cowen, WV 26206	Design of 8-mile water line extension including construction documents.	\$6,500,000	90%
est Virginia American ater Master Services greement	West Virginia American Water PO Box 1906 Charleston, WV 25327	Design of Olcott water line extension, construction monitoring of various water line construction projects, and river water study.	\$5,000,000	30%
outh Charleston Park lace Development etail Shopping Center)	South Charleston Development Authority PO Box 8597 South Charleston, WV 25303	Civil/site, geotechnical design, construction monitoring to close, fill, and develop 80-acre shopping center over a waste impoundment.	\$30,000,000	60%
erner (Grimmett) Hollow mergency Landslide emediation and Drainage mprovements	WVDEP Office of AML 1159 Nick Rahall Greenway Fayetteville, WV 25840	Construction drawings, technical specifications, and engineer's opinion of probable construction cost for removal of step slope, landslide, and design of drainage collection system for Emergency AML Program.	\$325,000	80%

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CON	STRUCTION COST
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
Buzz Food Service Appalachian Abattoir (AML Pilot Grant)	Civil/site design, geotechnical, and stormwater management design.	Buzz Food Service 4818 Kanawha Blvd. E Charleston, WV 25306	September 2020	\$4,000,000	\$500 , 000
Walker Express Nitro Facility Expansion	Civil/site design, permitting, and utility design.	Walker Express 3 Park Road Nitro, WV 25143	November 2020	\$800,000	\$600,000
Phase I, Morgantown Municipal Airport Runway 18-36 Extension	Permitting, AMD treatment, and coal removal.	Michael Baker International, LLC Airside Business Park 100 Airside Drive Morgantown, WV 26505	2021	\$5,700,000	\$150,000

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
North Edgemont Landslide Remediation	Huntington Sanitary Board 555 Seventh Ave. Huntington, WV 25701	\$750 , 000	2019	Yes
South Charleston Landfill, Landfill Closure Design South Charleston, WV	WVDEP 601 57 th Street, SE Charleston, WV 25304	\$2,500,000	2017	Yes
Cheyenne Coal Sales	WVDEP Office of Special Reclamation 47 School Street, Suite 301 Philippi, WV 26416	\$2,500,000	2017	YES
Chicopee Coal Company	WVDEP Office of Special Reclamation 47 School Street, Suite 301 Philippi, WV 26416	\$6,000,000	2018	Yes
Lake Lynn Complex Monongalia County, WV	WVDEP 101 Cambridge Place Bridgeport, WV 26330	\$700 , 000	2017	Yes
Nixon Ridge Landslide Remediation	K&N Contracting 2976 Wills Creek Road Elkview, WV 25701	\$2,400,000	2020	Yes
Marshall Portal Landslide Repair	MEPCO, LLC 966 Crafts Run Road Maidsville, WV 26541	\$200,000	2018	Yes

	THIN LAST 5 YEARS ON WHI YOUR FIRM WAS RESPONSIE	CH YOUR FIRM HAS BEEN A SUB-CON BLE)	ISULTANT 1	TO OTHER FIRMS	(INDICATE PHASE
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH

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 for the Carbondale (Hill) Portals Phase II" project supports this questionnaire in providing POTESTA's qualifications and resources for serving the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation on this project. In summary, POTESTA:

- Has assembled a team of in-house personnel and subcontractors who have historically worked on AML projects. POTESTA's in-house staff includes 13 Professional Engineers including 9 in the primary office, 3 in Morgantown, and 1 in Winchester. Our staff has worked on over 160 AML projects for WVDEP on four different WVDEP AML contracts dating back to the mid-1980s.
- 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

- Reclamation of Refuse Piles

- Subsidence Assessment and Remediation

- Sealing Mine Portals

- Stream Relocations

- USCOE Permitting

- Wetland Assessments

- Passive Acid Mine Drainage Treatment
- Assessment of Contamination (e.g., PCBs, asbestos)
- Demolition of Structures
- Diversion Structures
- Identifying Acid Mine Drainage
- Inventory of Residential Water Supplies
- Water Supply Feasibility Studies and Design
- Mine Fires
- 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, WV near WVDEP's Charleston office, office in Morgantown, WV close to WVDEP Bridgeport office, and support office in 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: <u>Vice President</u>	Date: April 14, 2022
Printed Name: Dana L. Burns, PE		

APPENDIX B

					ł	AML and		ED PR	OJECT	EXPER		MATRI	X																	
						PR	ROJECT	EXPER	IENCE	REQUI	REMEN	ITS						PR	IMARY S	TAFF PA			PACITY		*** M=M	lanageme	ent P=Prof	fessiona	al	
PROJECT	Exp. Basis C=Corp. P=Personnel * Additional Provided in EOI (page) **	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/Nitigation/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	Pat Taylor	Scott A. Bolyard	Chad Griffith	Peter Potesta
WVDEP - Blackwater (OSM Appalachian Regional Award)	Р				\checkmark					√			√					P,M												
WVDEP - Shallamar Doser	Р				•					•								P,M												
MBOM - Kempton Mine Drainage	Р		\checkmark		\checkmark					\checkmark			\checkmark			\checkmark		P,M											1	
MBOM - Shallmar Doser WVDEP - Deckers Creek	P P	\checkmark			\checkmark					\checkmark						\checkmark		P,M P,M												
Dream Mountain AMD Project - Friends of the Cheat	C				$\overline{\checkmark}$./	\checkmark				√	J		P,IVI	М									Р		
Gary Connor AMD - Friends of the Cheat	C				٠ ٧					V	V V		_ √			v			M									P		
Mill Creek Phase III Waterline and Water Treatment Plant - AML	P				\checkmark					\checkmark	٠ ا		٠ ا			\checkmark						М								
Massy Coal Co. AMD Pump Treatment System	С				\checkmark					\checkmark			\checkmark				М										-			
MDG-Wastewater Package Plant Muddy Creek AMD Treatment System	С				\checkmark					$\overline{\mathbf{v}}$			\checkmark			\checkmark	М		М						Р					
Sovern Run (Tinchnell) AMD Treatment System	C C				$\overline{\checkmark}$					$\overline{\mathbf{v}}$	$\overline{\mathbf{v}}$	-			-				M					-			\rightarrow			
Omega Mine Complex - AML	P		√		\checkmark			\checkmark			V		↓ V V			\checkmark			141			М					-+			
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WVDEP - Blue Pennant Mine Fire WVDEP - Red Hollow Burning Refuse	P			$\overline{\checkmark}$	\checkmark	\checkmark	$\overline{\checkmark}$	\checkmark			$\overline{\checkmark}$	+			$\frac{}{}$		$\overline{\checkmark}$		P,M P,M												
WVDEP - Amigo Refuse	P		V V	\checkmark		\checkmark	$\overline{\mathbf{v}}$	\checkmark			↓ ✓	+			v		\checkmark		P,M												
WVDEP - Jamison Burning Refuse	P		↓ ✓	\checkmark		\checkmark		\checkmark			↓ ✓		\checkmark				\checkmark		P,M												
WVDEP - Amigo Smokeless Impoundment	Р		V	\checkmark	-	\checkmark	\checkmark	_			√				\checkmark	\checkmark	\checkmark		P,M												
WVDEP - Taylor Creek Impoundment (OSM National Award)	P		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark				\checkmark	\checkmark	\checkmark		P,M												
WVDEP - Ohio Avenue WVDEP - Robinson Run Landsilde	P P			/		$\overline{\checkmark}$			\checkmark		$\overline{\checkmark}$	+			7		\checkmark		P,M P,M												
WVDEP - Robinson Run Landslide WVDEP - Stealey Avenue Subsidence	P			\checkmark		V			√		$\overline{\mathbf{v}}$	+			V		\checkmark		P,M P,M												
WVDEP - Tunnelton Gob	P		√	\checkmark	\checkmark	\checkmark	\checkmark		v		$\overline{\checkmark}$		\checkmark		\checkmark	\checkmark	\checkmark		P,M												
WVDEP - Slab Camp Run	Р		, V	\checkmark	\checkmark	, V					, V				V	V	٠ ا		P,M												
WVDEP - Sovern Run	Р		√	\checkmark	-	\checkmark					\checkmark						\checkmark		P,M												
WVDEP - Ford's Run Refuse	P		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	+			\checkmark	\checkmark	\checkmark		P,M												
WVDEP - North Fork Refuse WVDEP - Austen Highwall	P P			\checkmark	/	\checkmark						+				/	/		P,M P,M												
WVDEP - Austen Highwall WVDEP - Edna Refuse	P		$\overline{\mathbf{v}}$	\checkmark		\checkmark	\checkmark			\checkmark	$\overline{\mathbf{v}}$	+			√	✓	$\overline{\mathbf{v}}$		P,M P,M												
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						4	AML and		ED PRC	JECT I	EXPER		MATRIX	(
							PF	ROJECT E	XPERI	ENCE F	REQUI	REMEN	тѕ						PRI				TION/CAF	PACITY		*** M=N	lanageme	ent P=Pro	ofession		
PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in EOI (page) **	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/Nitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	tice	David B. Sharp	Chris A. Grose	D. Mark Kiser	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Pat Taylor	Scott A. Bolyard	Chad Griffith	Peter Potesta
																								-							
WVDEP - Piney Creek	Р		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark				\checkmark		\checkmark		P,M												
WVDEP - Alderson Branch	Р		\checkmark	\checkmark		\checkmark					\checkmark				\checkmark	\checkmark			P,M												
WVDEP - Everettville	Р		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark				\checkmark	\checkmark	\checkmark		P,M												
WVDEP - McComas Refuse	Р		\checkmark	\checkmark		\checkmark	\checkmark				\checkmark						\checkmark		P,M												
WVDEP - Pierce Refuse	Р									\checkmark	\checkmark								P,M												
WVDEP - Fish Run	Р									\checkmark	\checkmark								P,M												
WVDEP - Lamar Refuse	Р		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark				\checkmark		\checkmark		P,M												
WVDEP - Indian Ridge	Р		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark				\checkmark		\checkmark		P,M												
WVDEP - Davy Branch	Р		J	J	V	V	J	\checkmark			J				J		V		P,M												
WVDEP - Eckman Refuse	Р		Ĵ	J.	٠ ٧	V	J				J				J.		J I		P,M												
WVDEP - Horsepen Ridge	Р		J	J	V	V	,				J						V		P,M												
WVDEP - Thomas Northeast	Р					J			\checkmark		J						J I		P,M												
WVDEP - Thomas Phase II	Р					•			J		Ĵ						-		P,M												
WVDEP - Thomas Phase I Subsidence	Р		√	\checkmark	\checkmark	\checkmark				\checkmark	- V						J		P,M												
WVDEP - Glenwood Hills Subsidence	Р		•	•	•	•			V	•	Ĵ						, V		P,M												
MBOM - Kingsland Mine Pool	Р					\checkmark			•		<u> </u>						J		P,M												
MBOM - Jackson Mountain Mine Fire	P		√	\checkmark		$\overline{\mathbf{v}}$		\checkmark			J		\checkmark				J.		P,M												
MBOM - Spruce Hollow Flood Mitigation	P		•	•		$\overline{\checkmark}$		•			J		•				•		P.M												
MBOM - Miller Road Subsidence	P					•			J		Ĵ						J		P,M												
MBOM - Broken Hart Refuse	P		7			\checkmark	√		v		<u> </u>						J		P,M												
MBOM - Ocean Gob Pile	P		V			$\overline{\checkmark}$	V V				<u> </u>								P,M												
MBOM - Porter Road Subsidence	P		•	<u> </u>		•	v		J		v		√	<u> </u>			v		P,M												
MBOM - Midlothian and Shaft Road Subsidence	P			<u> </u>	√				V		7	1	×	<u> </u>			v		P.M												
MBOM - Taste Freez Subsidence	P			<u> </u>	-				V		<u> </u>	1		<u> </u>			v		P,M												
ODNR - Frontz / Folly Mine Fire	P		7	√		√		v	•				7				V V		P,M												
ODNR - Blue Bell Mining Refuse Fire	P		V V	V V		\checkmark		$\overline{\checkmark}$			<u> </u>		V V				v		P,M												
ODNR - Enoch Township Impoundment	P		J J	v		\checkmark		v			<u> </u>		v	<u> </u>			V V		P.M												
ODNR - Pauline Mine Impoundment	P		V V	<u> </u>		$\overline{\checkmark}$					<u> </u>			<u> </u>			v		P,M												
ODNR - Washington Street Subsidence	P		× ·			•			7		<u> </u>						V V		P,M												
ODNR - Nelan Road Subsidence	P								$\overline{\checkmark}$		<u> </u>						$\overline{\mathbf{v}}$		P,M												
ODIR - Nelah Road Subsidence	P		7	<u> </u>		\			v		<u> </u>			<u> </u>			V V		P,M P,M												
ODNR - Ellesmere Ave. Subsidence I,II,II, & IV	P		v	<u> </u>		V			√		V		7	<u> </u>			V		P,M P.M												
ODNR - El Camino Subsidence	P			<u> </u>					$\overline{\mathbf{v}}$			<u> </u>	_√ _√	<u> </u>			$\overline{\mathbf{v}}$		P,M P,M												
ODNR - El Camino Subsidence ODNR - Van Atta Subsidence	P								×				✓ ✓				V		P,M P,M												
	P								v								V														
ODNR - ST RT. 646 Subsidence									\checkmark				\checkmark				\checkmark		P,M												
PADEP - Russell Joki Refuse	Р		\checkmark	L		\checkmark					V	ļ	l	L			\checkmark		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:	1015139		Reason for Modification:
Doc Description: Proc Type:	AML/EOI Carbondale (H Central Purchase Order	ill) Portals Phase II	Addendum #3 issued to publish agency responses to all vendor submitted questions.
Date Issued	Solicitation Closes	Solicitation No	Version
2022-04-13	2022-04-14 13:30	CEOI 0313 DEP2200000010	4

BID RECEIVING LOCATION

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

VENDOR			
Vendor Customer Code:	000000173443		
Vendor Name :	Potesta & Associates, Inc.		
Address :			
Street :	7012 MacCorkle Avenue, SE	E	
City :	Charleston		
State :	West Virginia Country :	USA	Zip : 25304
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 ana L. Burns

FEIN# 31-1509066

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division ("Purchasing Division") is soliciting Expression(s) of Interest ("EOI" or "Bids") for West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) per the specifications and terms and conditions.

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.Mine portal reclamation .Drainage control items .Erosion and sediment control .Slope stabilization .Hydrologic and hydraulic analysis

INVOICE TO		SHIP TO		
ENVIRONMENTA	L PROTECTION	ENVIRONMENTAL PROTECTION		
OFFICE OF AML	^R R	OFFICE OF AML&R		
601 57TH ST SE		601 57TH ST SE		
CHARLESTON	WV 25304	CHARLESTON	WV 25304	
US		US		
Line	Comm Ln Desc	Qty	Unit Issue	
1	EOI Engineering Design Services			

Comm Code	Manufacturer	Specification	Model #	
81100000				

Extended Description:

EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>

<u>Event</u>

Event Date

	Document Phase		Page 3
DEP2200000010	Final	AML/EOI Carbondale (Hill) Portals Phase II	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



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:	1015139	Reason for Modification:	
Doc Description: Proc Type:	AML/EOI Carbondale (Hill) Central Purchase Order	Addendum #2 is issued to attach correct Solicitation Docs to header.	
Date Issued	Solicitation Closes	Solicitation No	Version
2022-03-22	2022-04-14 13:30 CEOI 0313 DEP2200000010 3		3

BID RECEIVING LOCATION

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

VENDOR

VENDOR						
Vendor Customer Code:	000000173443					
Vendor Name :	Potesta & Associ	iates, Inc.				
Address :						
Street :	7012 MacCorkle	Avenue, SE	l			
City :	Charleston					
State :	West Virginia	Country :	USA	Z	ip : 25304	
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 ana L. Burns

FEIN# 31-1509066

DATE April 14, 2022

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INVOICE TO		SHIP TO	
ENVIRONMENTA	ENVIRONMENTAL PROTECTION ENVIRONMENTAL PROTECTION		
OFFICE OF AML8	R	OFFICE OF AML&R	
601 57TH ST SE		601 57TH ST SE	
CHARLESTON	WV 25304	CHARLESTON WV	25304
US		US	
Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

Comm Code	Manufacturer	Specification	Model #	
81100000				

Extended Description:

EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>

<u>Event</u>

Event Date

	Document Phase		Page 3
DEP2200000010	Final	AML/EOI Carbondale (Hill) Portals Phase II	

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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 Centralized Expression of Interest Architect/Engr

Proc Folder:	1015139	Reason for Modification:	
Doc Description: Proc Type:	AML/EOI Carbondale (H Central Purchase Order	Addendum #1 is issued to delete wrong solicitation document and upload correct one.	
Date Issued	Solicitation Closes	Solicitation No	Version
2022-03-22	2022-04-14 13:30	CEOI 0313 DEP2200000010	2

BID RECEIVING LOCATION

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

VENDOR

VENDOR	
Vendor Customer Code:	000000173443
Vendor Name :	Potesta & Associates, Inc.
Address :	
Street :	7012 MacCorkle Avenue, SE
City :	Charleston
State :	West Virginia Country: USA Zip: 25304
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

ana L. Burns

FEIN# 31-1509066

DATE April 14, 2022

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INVOICE TO		SHIP TO	
ENVIRONMENTA	ENVIRONMENTAL PROTECTION ENVIRONMENTAL PROTECTION		
OFFICE OF AML8	R	OFFICE OF AML&R	
601 57TH ST SE		601 57TH ST SE	
CHARLESTON	WV 25304	CHARLESTON WV	25304
US		US	
Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

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81100000				

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EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>

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Event Date

	Document Phase		Page 3
DEP2200000010	Final	AML/EOI Carbondale (Hill) Portals Phase II	

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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 Centralized Expression of Interest Architect/Engr

Proc Folder:	1015139	015139			
Doc Description:	AML/EOI Carbondale (Hill) F	ML/EOI Carbondale (Hill) Portals Phase II			
Proc Type:	Central Purchase Order				
Date Issued	Solicitation Closes	Solicitation No	Version		
2022-03-22	2022-04-14 13:30	CEOI 0313 DEP2200000010	1		

VENDOR						
Vendor Customer Code:	000000173443					
Vendor Name :	Potesta & Associates, Inc.					
Address :						
Street :	7012 MacCorkle Avenue, SE					
City :	Charleston					
State :	West Virginia Country: USA Zip: 25304					
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 ana L. Burns

FEIN# 31-1509066

DATE April 14, 2022

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ENVIRONMENTA	L PROTECTION	ENVIRONMENTAL PROTECTION				
OFFICE OF AML8	R	OFFICE OF AML&R				
601 57TH ST SE		601 57TH ST SE				
CHARLESTON	WV 25304	CHARLESTON WV 25304				
US		US				
Line	Comm Ln Desc	Qty	Unit Issue			
1	EOI Engineering Design Services					

Comm Code	Manufacturer	Specification	Model #	
81100000				

Extended Description:

EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>

<u>Event</u>

Event Date

	Document Phase		Page 3
DEP2200000010	Final	AML/EOI Carbondale (Hill) Portals Phase II	

ADDITIONAL TERMS AND CONDITIONS

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ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

[X] Addendum No. 1	[] Addendum No. 6
[X] Addendum No. 2	[] Addendum No. 7
[X] Addendum No. 3	[] Addendum No. 8
[] Addendum No. 4	[] Addendum No. 9
[] Addendum No. 5	[] Addendum No. 10

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

Potesta & Associates, Inc.	
Company	

Authorized Signature

ma L. Burns

April 14, 2022 Date

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

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.

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

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

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)

Dana L. Burns Vice President

(Authorized Signature) (Representative Name, Title)

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

April 14, 2022

(Date)

(304) 342-1400 / (304) 343-9031

(Phone Number) (Fax Number)

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 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. Instructions for downloading an OFT from the AVS can be found at: https://www.osmre.gov/resources/forms/OMB1029-0119instructions.pdf If you require assistance you may contact the AVS Office by phone at: 800-643-9748, or by email at: avshelp@osmre.gov.

Part C: Certifying and updating information in the AVS

Select one of the options, follow the instructions for the selected option, sign, and date below.

Dana L. Burns I,

, have express authority to certify that:

(Print Name)

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

04/14/2022 Date

Dana L. Burns Signature

Vice President Title

U.S. Department of the Interior Office of Surface Mining Reclamation and Enforcement Applicant/Violator System					Help	Help Logou			
Search Criteria:	Primary 🗸	Show E 🗸		Entity Name: 247	598	Q	Mail To:	Send	
(247598 🗸		Load F	Report						
[]4 4 1 of 1 ▶ ▶]	🔶 🛛 🖡 Find	Next 📀							
	All OFT's where	the selected entity	/11/2022 10:03:30 AN is listed as an entity or 1) Potesta & Associates In	related entity					
Parent Entity	Relationship	Description	Related Entity	% Ownersh	ip 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	20%	3/7/1997				
(247598) Potesta & Associates Inc	Shareholder		(264075) Peter Potesta	10%	1/1/2021				
(247598) Potesta & Associates Inc	President		(247599) Ronald R Potesta		3/7/1997				
(247598) Potesta & Associates Inc	Shareholder		(247599) Ronald R Potesta	65%	3/7/1997				
(247598) Potesta & Associates Inc	Vice President		(247601) Laidley Eli McCoy		6/7/1997	12/31/2014			
		1 0	fl						

Guest

STATE OF WEST VIRGINIA Purchasing Division PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Date: April 14, 2022
day of <u>April</u> , 2022
<u>4</u> , 20 <u>2</u> , 4
NOTARY PUBLIC Revised 01/19/2018)