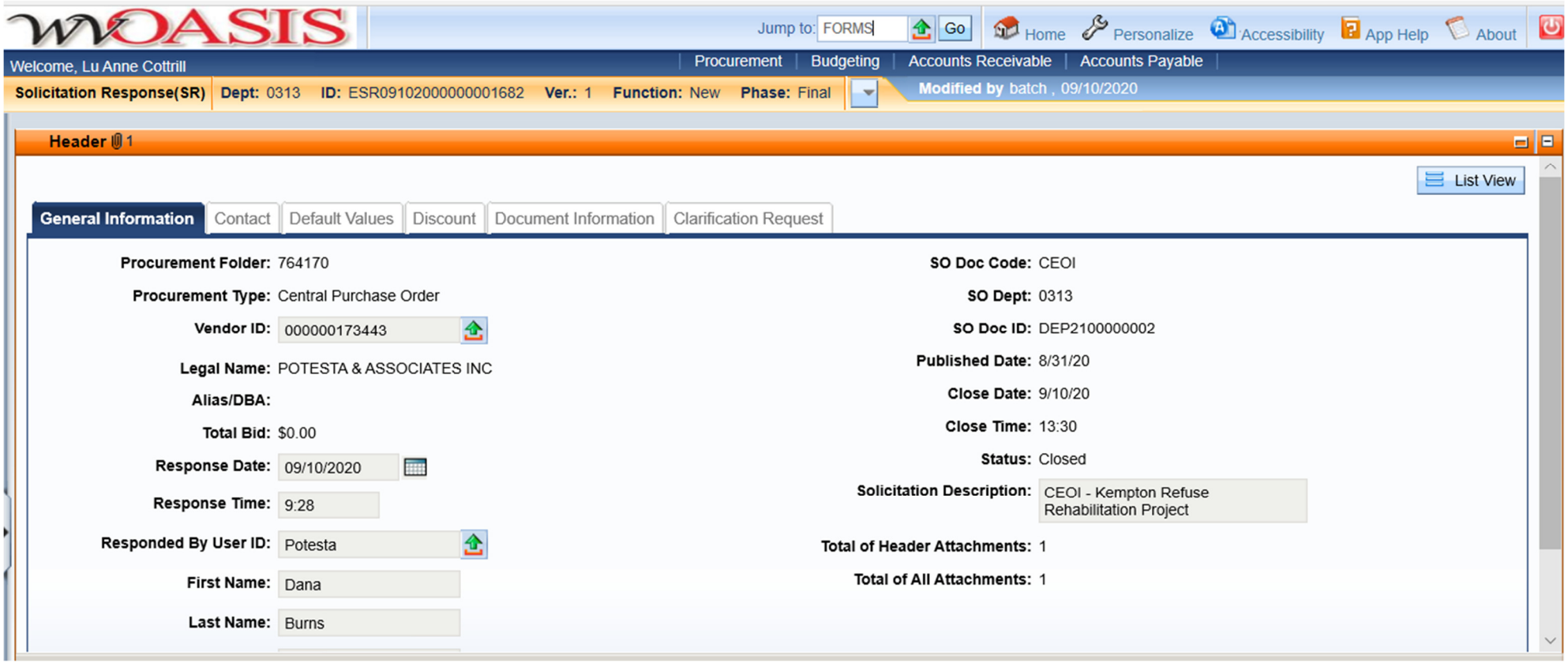
NOTICE

Please note this bid from Potesta for the solicitation DEP2100000002 was received at the Purchasing Division office prior to the established bid-opening date and time on September 10, 2020, but did not load properly at the public bid opening. This response has since been loaded and is now posted.

Frank Whittaker

Assistant Purchasing Director

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.


wvOASIS
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Home
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Accessibility
App Help
About
Welcome, Lu Anne Cottrill
Procurement | Budgeting | Accounts Receivable | Accounts Payable
Solicitation Response(SR) Dept: 0313 ID: ESR09102000000001682 Ver.: 1 Function: New Phase: Final
Modified by batch , 09/10/2020
Header 1
List View
General Information
Contact
Default Values
Discount
Document Information
Clarification Request
Procurement Folder: 764170
Procurement Type: Central Purchase Order
Vendor ID: 000000173443
Legal Name: POTESTA & ASSOCIATES INC
Alias/DBA:
Total Bid: $0.00
Response Date: 09/10/2020
Response Time: 9:28
Responded By User ID: Potesta
First Name: Dana
Last Name: Burns
SO Doc Code: CEOI
SO Dept: 0313
SO Doc ID: DEP2100000002
Published Date: 8/31/20
Close Date: 9/10/20
Close Time: 13:30
Status: Closed
Solicitation Description: CEOI - Kempton Refuse Rehabilitation Project
Total of Header Attachments: 1
Total of All Attachments: 1

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:	764170
Solicitation Description:	CEOI - Kempton Refuse Rehabilitation Project
Proc Type:	Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2020-09-10 13:30	SR 0313 ESR09102000000001682	1

VENDOR

000000173443
POTESTA & ASSOCIATES INC

Solicitation Number: CEOI 0313 DEP2100000002

Total Bid: 0 **Response Date:** 2020-09-10 **Response Time:** 09:28:43

Comments:

FOR INFORMATION CONTACT THE BUYER
Guy Nisbet
(304) 558-2596
guy.l.nisbet@wv.gov

Vendor
Signature X **FEIN#** **DATE**

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

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

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments: Expression of Interest Attached

Extended Description:

*Dates of Service are estimated for bidding purposes only.

POTESTA
Engineers and Environmental Consultants

EXPRESSION OF INTEREST

Prepared for the

Office of Abandoned Mine Lands and Reclamation

Kempton Refuse Rehabilitation Project

CEOI 0313 DEP2100000002

Providing innovative, timely, cost-effective environmental solutions

Offices in:

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

MORGANTOWN
125 Lakeview Drive
Morgantown, WV 26508
(304) 225-2245

WINCHESTER
15 South Braddock Street
Winchester, VA 22601
(540) 450-0180

Project No. 0101-20-0253 / September 10, 2020

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CEOI 0313 DEP2100000002, Kempton Refuse Rehabilitation Project
Designated Contact and Certification and Signature Page
Addendum Acknowledgement Form
Completed AVS (Applicant Violator System) Form, OMB#1029-0119
Disclosure of Interested Parties to Contracts Form
Purchasing Affidavit Form

1.0 QUALIFICATIONS

1.1 Project Introduction and Background

Potesta & Associates, Inc. (POTESTA) proposes to provide professional engineering services to the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands & Reclamation (WVDEP, AML).

Engineering services are required for evaluation of site conditions, design of rehabilitation measures, and preparation of bid documents at the previously reclaimed Kempton Refuse and Acid Mine Drainage (AMD) AML Project located in Tucker County, West Virginia. The Kempton Refuse and AMD Project was constructed between August 2007 and October 2009. The project included backfilling and regrading over 2500 feet of highwall, installation of wet seals in two collapsed mine portals, removal of two surface impoundments, reconstruction of stream including lining of streambeds, adding limestone to tributaries and the use of natural stream design techniques to reestablish streams, installation of a passive water treatment system, and reshaping, revegetation, and reforesting the project area.

POTESTA is familiar with the reclamation of abandoned mine lands similar to the Kempton Refuse 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 firms resources and experienced staff to design necessary rehabilitation measures including:

- Access or accesses as required.
- Geotechnical analysis.
- Stabilize landslide.
- Hydrologic and hydraulic analyses.
- AMD passive treatment system.
- Natural stream design.
- Clear and grub affected areas.
- Regrade as necessary.
- Install drainage channels, underdrains, and/or controls to safely convey water off-site.
- Condition and revegetate all disturbed areas.
- Obtain required permits as determined at the pre-design meeting.

1.0 QUALIFICATIONS

1.2 Corporate History and Experience

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

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

POTESTA offers the following professional services.

- **404 Permit Preparation & Negotiation**
- **Acid Mine Drainage Control**
- Asbestos Inspection
- Benthic and Biological Studies
- CADD Services *(AutoCAD 2019, Various Software Design Packages, Digitizing & Plotting)*
- Chemical Engineering
- **Civil Engineering**
- Clean Air Act Compliance
- Construction Monitoring
- Corporate Environmental Management
- Design of Slurry Impoundments & Refuse Disposal Sites
- **Dewatering Plans**
- Environmental Engineering
- Environmental Impact Studies
- Environmental Site Assessments
- Environmental Audits
- Environmental Engineering
- **Erosion & Sedimentation Control Plans**
- Expert Witness & Litigation Support
- Feasibility Studies
- Foundation Design
- **Geological Services**
- **Geotechnical Engineering**
- Ground & Surface Water Sampling
- Groundwater Investigation & Remediation
- Groundwater Protection Plans
- Hazardous Waste Management
- **Hydrologic & Hydraulic Evaluations**
- In-Situ / Ex-Situ Biostimulation & Bioaugmentation
- Landfill Design / Land Use & Natural Resource Planning
- Landfill Closure Plans
- Land Use & Natural Resource Planning
- **Mining Engineering**
- Multimedia Sampling *(Air, Fly Ash, Rock, Soil, Water)*

1.0 QUALIFICATIONS

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

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

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

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

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

1.0 QUALIFICATIONS

POTESTA, since starting in 1997, has grown to approximately 74 employees in three offices. Included are 13 registered professional engineers (R.P.E.s), 3 registered professional licensed land surveyors (P.L.S.s), and one Ph.D. whose specialties include aquatic biology and water quality. POTESTA has assembled a team that has historically served WVDEP, 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.

POTESTA will perform the work for this project from our Charleston, West Virginia office with support from our Morgantown, West Virginia office. Our Charleston office staff is larger and includes professionals with the specialized expertise and experience necessary to evaluate and design this project. Our Morgantown office includes professionals with AML reclamation experience and is closer to the Kempton project location. We will utilize our Morgantown office when this will increase efficiency. POTESTA emphasizes that we will make a priority commitment to this project.

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

POTESTA has assembled a successful team of employees that have historically worked on WVDEP, AML projects. In fact, our staff has 125+ years' experience working on WVDEP, AML projects and AML projects in other states. Our staff's direct knowledge of the AML program guidelines and personnel, our familiarity with the applicable state regulations, and our commitment to success will benefit WVDEP, AML.

Friends of the Cheat, Gary Connor AMD Site

1.0 QUALIFICATIONS

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

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

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

POTESTA has completed 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 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.

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

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

POTESTA proposes to utilize our own survey crews on this project. POTESTA will perform all of the surveying required for this contract using in-house personnel. POTESTA has three licensed professional surveyors with over 50 years of combined surveying experience. Our

1.0 QUALIFICATIONS

surveyors are experienced in all aspects of surveying such as topographic mapping, boundary and property surveys, and construction surveys for layout of work, record drawings, and quantity measurements. We have three survey crews and the capability to add a fourth crew if necessary.

POTESTA's surveyors use state-of-the-art Field to Finish" equipment such as total station instruments, Trimble R-8 Glonass, RTK GPS Systems, AutoCAD 2019, Autodesk Land Desktop and Autodesk Civil 3D design software, computer hardware for data management, and a Hewlett Packard DesignJet 7100 color ink jet plotter.

POTESTA is equipped with modern surveying instruments allowing efficient data processing and accurate gathering of field information. Total station instruments equipped with data collectors are utilized for complete field-to-office automation allowing for high levels of productivity in the field. The latest versions of software are then used to process survey data and create drawings or required end products.

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

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

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

POTESTA is a full service engineering and environmental consulting firm with a professional staff of aquatic ecologists, aquatic biologists, and engineers who work collectively to complete various stream assessment and restoration projects for a variety of private and public sector clients. Services include habitat assessments,

1.0 QUALIFICATIONS

functional assessments, Rosgen and other stream classifications, watershed studies, hydraulic analyses, and conceptual, preliminary or detailed stream design. Our scientists and staff have worked with clients to provide very detailed stream restoration/rehabilitation plans that include instream structure/habitat improvements, channel realignment and/or bank stabilization as well as less labor intensive plans that may only require minor bank stabilization and buffer zone establishment.

Our experienced staff can evaluate sites suitable for stream restoration. The staff will not only evaluate physical habitat, both instream and within the riparian corridor, but an assessment of the existing water quality and biological community can be completed to provide a more holistic approach to reconnaissance efforts.

When completing stream restoration projects, it is POTESTA's philosophy that conceptual design is an important component in the overall process. Conceptual designs are used to facilitate discussions and obtain preliminary approvals of the site and proposed restoration from the appropriate regulatory agencies early in the development process. Assessment/classification efforts primarily incorporate "Rosgen" watershed assessment techniques and methodologies. Data collected using these methods can be incorporated into RiverMorph software which can assist stream designers when determining future dimension, pattern and profile. Other methods from state and/or federal agencies are incorporated as applicable. When pursing large scale mitigation, POTESTA prefers to work with the agencies early in the process to help streamline the process and reduce cost over the life of the project.

1.0 QUALIFICATIONS

1.3 Primary Staff Experience, Qualifications, & Performance Data

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

Mr. Mark Kiser, P.E., will serve as the **project manager** and the primary contact for this project. Mr. Kiser has over 36 years of engineering experience and has worked on over 75 different AML projects for WVDEP. His AML experience includes 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., will serve as the **geotechnical engineer for this project**. Mr. Sharp is the Branch Manager of POTESTA's Morgantown office. Mr. Sharp is a registered professional engineer in Maryland, West Virginia, Pennsylvania, Ohio, and Kentucky. Mr. Sharp has over 25 years of experience with engineering and environmental consulting projects throughout the region. Mr. Sharp obtained his bachelor's and master's degrees from West Virginia University and has spent a large part of his career involved with geotechnical engineering and construction observation/management projects.

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

1.0 QUALIFICATIONS

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

Mr. Christopher Grose, L.R.S., Senior Engineering Associate, has over 30 years of experience and will serve as **geotechnical engineer** for this project. His areas of expertise include geological/geotechnical explorations, surface/subsurface hydrology, hydrogeology, and landslide causation analysis/stability modeling/failed slope restoration. Mr. Grose's experience includes the design and evaluation of geotechnical explorations related to bridges, culverts, earth retention structures, slope stability and engineered fill construction. Mr. Grose currently oversees aspects of geotechnical work at POTESTA in 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.

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

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

1.0 QUALIFICATIONS

stormwater, landslides, subsidence and water supply. Messrs. Kiser and Moran are both familiar with requirements of AML projects and will ensure that WVDEP is satisfied with POTESTA's work by ensuring that proper QA/QC and timeliness are adhered to.

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

Mr. Timothy Ferguson, Senior Scientist, has over 14 years' 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**.

1.0 QUALIFICATIONS

Office of Abandoned Mine Lands and Reclamation

Principal-in-Charge

Dana L. Burns, PE – 40 Yrs.

Project Manager

Mark Kiser, PE – 36 Yrs.

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

Tim Rice, EIT – 38 Yrs.
Everett Mulkeen, PE – 8 Yrs.
Chad Griffith, PE – 16 Yrs.
Jarrett Smith, PE – 18 Yrs.
Patrick Ward, PE – 27 Yrs.
Patrick Taylor, PE – 31 Yrs.
Robert Ammirato, PE – 20 Yrs.
Jordan Beard – 6 Yrs.
Alex Keenan – 2 Yrs.
Danny Boyles – 1 Yr.

Soils, Geological, and Hydrological Evaluations

Dave Sharp, PE – 25 Yrs.
Chris Grose – 30 Yrs.
Jeremi Stawovy, EIT – 10 Yrs.
Peter Potesta – 8 Yrs.

Subcontractors

Drilling of Soil Borings, Laboratory Soils, and Water Testing

Surveying

Victor Dawson, PS – 38 Yrs.
Brad Starkey – 31 Yrs.
Charles Shaffer – 20 Yrs.
Rusty Hunter – 38 Yrs.

Construction Monitoring

Robert Lamm – 21 Yrs.
Bill Cox – 21 Yrs.
Mike Whitman – 29 Yrs.

CAD Designers

Scott Bolyard – 29 Yrs.
Michael Sankoff – 31 Yrs.
Brian Leedy – 23 Yrs.
Russ Lester – 30 Yrs.
Joe Martin – 25 Yrs.
Chuck Bird – 25 Yrs.

Project Advisors (as needed)

Terence C. Moran, PE – 33 Yrs.

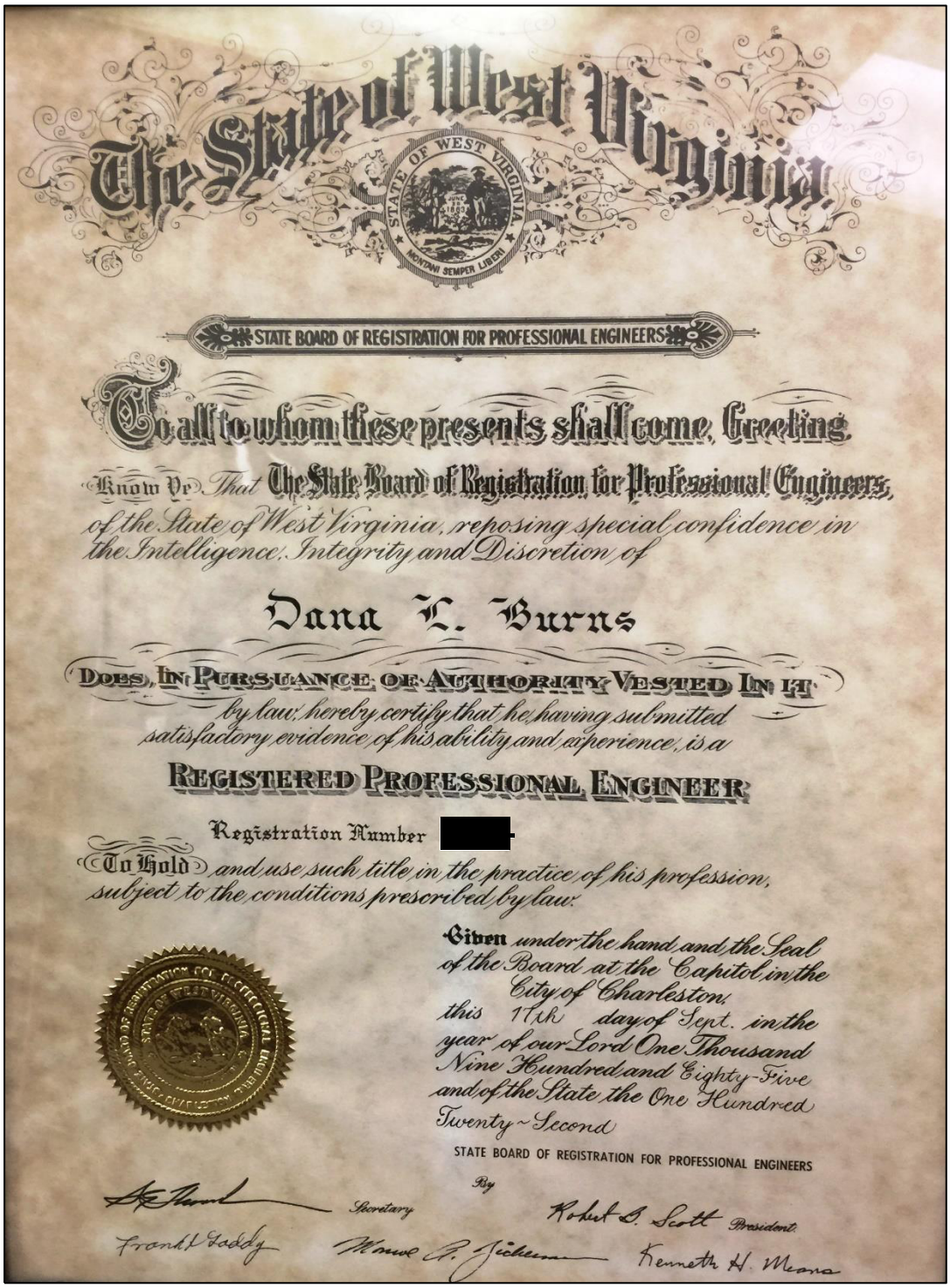
Natural Stream Design

Jessica Yeager – 26 Yrs.
Tim Ferguson – 14 Yrs.

1.0 QUALIFICATIONS

Primary Staff Professional Certifications

Principal-in-Charge



The State of West Virginia

STATE OF WEST VIRGINIA

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye, That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Dana L. Burns

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number [redacted]

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, this 17th day of Sept. in the year of our Lord One Thousand Nine Hundred and Eighty-Five and of the State the One Hundred Twenty-Second

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

By

Secretary — Robert G. Scott, President

Frondt Teddy — Monroe R. Jichem — Kenneth H. Means

1.0 QUALIFICATIONS

Project Manager

State of West Virginia

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

David M. Kiser

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number [redacted]

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, this 15th 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

By

Secretary Kenneth H. Means

Frank L. Eddy President

Robert B. Scott

1.0 QUALIFICATIONS

1.4 Other Staff Experience, Qualifications, & Performance Data

POTESTA has a staff of 74 technical and support personnel. Combined with our team of highly experienced subcontractors, POTESTA is exceptionally well suited to: (1) develop construction plans and technical specifications to rehabilitate and retrofit the passive treatment facility at the abandoned mine lands project area known as Kempton Refuse Rehabilitation; (2) design plans and develop specifications to control any associated water with the site, including natural stream design repair/replacement; (3) design plans and develop specifications for limits of disturbance, storm water control and erosion and sediment prevention; all disturbed areas are to be regraded and revegetated; and (4) design plans and develop specifications for all conditions encountered on the project site. POTESTA can conduct all design engineering work required for this project with present personnel.

POTESTA's project manager will be supported by a team of engineers, scientists, surveyors, hydrologists, geologist/hydrogeologists, biologists, CADD operators, and other support personnel from POTESTA's staff. Included are geotechnical engineers such as Mr. Dave Sharp, P.E., and Mr. Chris Grose who have both worked on numerous AML projects including landslide stabilization, regrading of dangerous highwalls, and regrading of steep coal refuse and spoil piles. Environmental scientists Jessica Yeager and Tim Ferguson have extensive experience with evaluation of streams and preparation of stream restoration plans using natural stream design methods. Ms. Yeager and Mr. Ferguson are experts in both WVDEP and U.S. Army Corps of Engineers permitting for work involving stream disturbance, as well as enhancements. POTESTA's engineering group is experienced with developing grading plans, hydrologic analysis, and hydraulic design of water conveyance structures utilizing HEC HMS and HEC RAS computer programs. Messrs. Jarrett Smith, P.E., Pat Taylor, P.E., and Robert Ammirato, P.E., will be available for stream/channel sizing and developing repair plans to restore function to the project. POTESTA's in-house surveying group will provide necessary support as needed. Finally, POTESTA's computer-aided drafting group will utilize AutoCAD and Autodesk Land Desktop and Civil 3D design software to prepare plans, cross sections, profiles, and details to be included as part of the bid documents.

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

1.0 QUALIFICATIONS

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

1.0 QUALIFICATIONS

JOHN'S BRANCH COAL REFUSE DAM AML RECLAMATION PROJECT

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

Potesta & Associates, Inc. (POTESTA) was selected by the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation (WVDEP, AMLR) to design a reclamation plan and prepare bidding and contract documents for the John's Branch Coal Refuse Dam Project in Wyoming County. The site was an abandoned, unreclaimed coal refuse pile and impoundment, approximately 40 acres in size. A large portion of the coal refuse pile was poorly vegetated with steep slopes and severe erosion. Eroded coal refuse was eroding from the site and entering surface water receiving streams. The eroding coal refuse was also impacting the Norfolk Southern Railroad by filling railroad ditches, blocking cross culverts, and covering the railroad tracks. Rail service on the tracks was suspended due to the severe erosion.

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

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

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1.0 QUALIFICATIONS

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.

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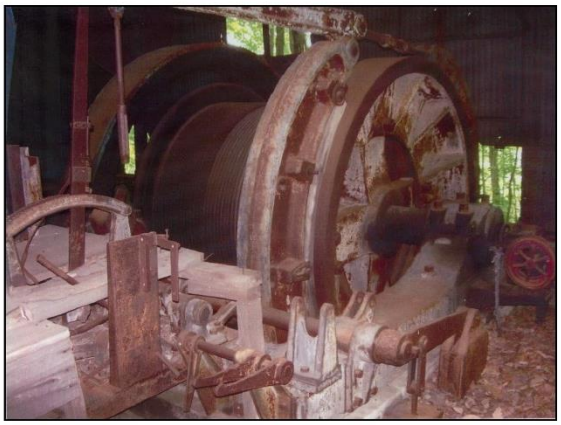
1.0 QUALIFICATIONS

SUNDIAL (HATFIELD) REFUSE PILES

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



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

As part of this project, the following were completed:

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

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

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

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

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1.0 QUALIFICATIONS

MEASLE FORK REFUSE

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

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

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

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

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1.0 QUALIFICATIONS

CHICOPEE COAL COMPANY BOND FORFEITURE PROJECT

West Virginia Department of Environmental Protection
Office of Special Reclamation
Nicholas County, West Virginia

Potesta & Associates, Inc. (POTESTA) was selected by the West Virginia Department of Environmental Protection, Office of Special Reclamation (WVDEP, OSR) to design a reclamation plan and prepare bidding and contract documents for the Chicopee Coal Company bond forfeiture project located in Nicholas County. The project included two revoked mining permits that were located adjacent to each other and overlapped on the haul roads. Both permits were contour surface mines that included additional mining employing both auger and highwall miners.

The highwalls on the site spanned over 5 miles throughout the project area. The majority of these highwalls was developed by another company prior to 1977 and was already reclaimed under the requirements of the WVDEP Abandoned Mine Lands program. However, approximately 4,000 feet of highwall was developed by Chicopee Coal Company and was not reclaimed. Throughout the project site, multiple large seeps have occurred that produces water that does not meet the current permit limits.

POTESTA developed a reclamation plan that regraded the highwall areas to provide a more stable area and to eliminate the entire highwall. POTESTA designed approximately 23,000 feet of limestone channels in conjunction with limestone beds to passively treat the surface water and seeps throughout the project.

Six of the permit outlets at the site could not be treated through passive means. POTESTA designed limestone channels to treat the surface water at these locations and also collected the seeps in underdrains that discharge into pump stations. The pump stations pump the water to a centralized location and discharge into a series of ponds for active treatment.

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1.0 QUALIFICATIONS

MOUNTAIN RUN REFUSE AND PORTALS

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

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

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

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

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1.0 QUALIFICATIONS

LAKE LYNN COMPLEX

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

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

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

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

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

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1.0 QUALIFICATIONS

JESSOP HIGHWALL #10

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

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

Site 1

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

Site 2

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

Site 3

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

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

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1.0 QUALIFICATIONS

PUCKETT/ELY CREEK ACID MINE DRAINAGE REMEDIATION PROJECT I

Commonwealth of Virginia, Department of Mines, Minerals and Energy
Puckett Creek and Ely Creek Watersheds near St. Charles, Virginia

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

- Development of engineering reports and construction plans and specifications to remediate acid mine drainage (AMD) at three sites using AMD passive treatment systems.
- Final designs to meet Natural Resource Conservation Service (NRCS) practice standards and requirements from other agencies involved with this project, including Virginia Department of Transportation, U. S. Army Corps of Engineers, Virginia Department of Environmental Quality, Virginia Marine Resources Commission, Virginia Department of Game and Inland Fisheries, the U. S. Fish & Wildlife Service and the Daniel Boone Soil and Water Conservation District.

- Placement of spoil and sediments on previously disturbed areas identified by the Agency.
- Inclusion of stream habitat structures in plans and specifications where feasible.
- Provision of plans and specifications that include, but are not limited to, plan views, cross sections, maps, photographs, and drawings.

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1.0 QUALIFICATIONS

BRUBAKER RUN ACID MINE DRAINAGE

Clearfield Creek Watershed Association
Cambria County, Pennsylvania

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

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

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

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

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

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

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1.0 QUALIFICATIONS

ACID MINE DRAINAGE TREATMENT FOR UPPER MUDDY CREEK AND SOVERN RUN

Friends of the Cheat
Preston County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Friends of the Cheat (FOC) to provide design assistance for two acid mine drainage treatment projects located in Preston County, West Virginia. POTESTA's services included review and modifications of conceptual designs, topographic surveying, courthouse research for property boundaries, preparation of construction drawings and technical specifications, development of bidding documents, and construction observation.

The Upper Muddy Creek project involved acid mine drainage from four areas that discharged into Muddy Creek upstream of where it crosses beneath State Route 3 (Brandonville Pike). Muddy Creek has been significantly impacted by acid mine drainage, but the upper portion is a trout stream. The proposed design includes the construction of four limestone leach beds and nearly 1,500 feet of open limestone channel.

The Sovern Run (Tichenell) project involved highly acidic discharge from one source and mildly acidic discharge from two sources. The design included a limestone leach area and an open limestone channel to provide treatment for the main acid mine drainage source. The mildly acidic sources included a limestone leach bed for treatment and two steel slag leach dams to add excessive alkalinity to the water in an effort to provide a net neutralization effect upon its confluence with the high acidity drainage further downstream.

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1.0 QUALIFICATIONS

DREAM MOUNTAIN ACID MINE DRAINAGE TREATMENT PROJECT

Friends of the Cheat
Preston County, West Virginia

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

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

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

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

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1.0 QUALIFICATIONS

GARY CONNOR ACID MINE DRAINAGE TREATMENT PROJECT

Friends of the Cheat
Gary Connor Site, Preston County, West Virginia

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

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

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

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

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1.0 QUALIFICATIONS

TAYLORVILLE (RAY) LANDSLIDE EMERGENCY

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, Office of Abandoned Mine Lands (WVDEP) to develop a stabilization plan for a landslide project at Taylorville, Mingo County, West Virginia. Following a period of heavy precipitation, a landslide occurred on a steep hillside behind a mobile home. The landslide pushed the mobile home off its foundation and destroyed a one-room extension along the rear of the mobile home.

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

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

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1.0 QUALIFICATIONS

PRIBBLE STORAGE TANK LANDSLIDE STABILIZATION

Stone Energy Corporation
New Martinsville, Wetzel County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Stone Energy Corporation to develop a stabilization plan for a failed soil fill slope immediately adjacent to two primary 2.5-million gallon storage tank structures. The failed slope impacted and undermined the concrete foundation of the secondary containment tank which surrounded both primary storage tanks. The primary tanks served to store recirculated water utilized for hydraulic fracturing efforts in the associated Marcellus Shale reserve. POTESTA's services included exploration of failed slope which included several subsurface borings, field testing, and sample collection for laboratory testing. Following completion of the field exploration, POTESTA prepared several regrading alternatives which were analyzed for long-term stability. The final alternative was developed to provide a final slope configuration which included a toe buttress, several rock toe keys/underdrains, and a surface drainage channel to collect, control, and convey surface and groundwater seepage from the regraded fill slope.

Following completion of the stability evaluation, POTESTA prepared construction documents which included construction plans and details, as well as a bid sheet and specifications for the work. Since the unsupported section of tank wall was situated near the top of the slope, the work was completed in two distinct phases, the initial phase included preparation of a site access road, clearing and grubbing, removal of saturated failed soil material near the mid-slope and toe, and excavation and establishment of the toe key foundation at the toe of the regraded slope. Upon completion of the toe excavation and placement of the slope buttress fill, off-site borrow material was imported to the site for placement and compaction of the slope. This work continued with 15 of the unsupported tank foundations, at which time work was suspended until the affected portion of the tank was disassembled and removed using a crane. Following removal of the tank, fill placement and compaction operations continued until the reconstructed slope reached the target final elevation. Once the slope was completed, the replacement tank foundation was installed and the replacement tank walls were erected. POTESTA provided full-time construction observation and field testing services during the entire duration of the slope reconstruction.

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1.0 QUALIFICATIONS

BEVINS LANDSLIDE EMERGENCY

Commonwealth of Virginia, Department of Mines, Minerals and Energy
Buchanan County, Virginia

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

The project consisted of:

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

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

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1.0 QUALIFICATIONS

GRANDVIEW SLIP REPAIR

City of Charleston
Kanawha County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the City of Charleston to provide civil engineering design services for a slip that occurred on Charleston, West Virginia's Westside. This project involved a geotechnical assessment and development of regrading construction plans for the repair of a failed 50-foot tall section of a soil slope below Grandview Drive in Charleston, West Virginia. The slope failure occurred between two adjacent residential structures and encompassed a sanitary sewer main, as well as storm drainage pipe. The stabilization plan involved the removal of the failed mass beginning at the toe of the slope and then working progressively upslope to result in a stabilized and regraded slope surface. The work required the removal of all failed material to the underlying bedrock surface and included the installation of a shot rock toe buttress which was installed along a natural topographic bench near the toe. Following the completion of the slope repair, the affected utilities were installed either below or outside the limits of the regraded slide area.

- **Surveying** – Topographic mapping of the project area.
- **Geotechnical Exploration** was completed to determine the extent of the failed soil mass, as well as determine the depth of the underlying bedrock.
- **Civil Site Design and Construction Documents** – Regraded soil slope design with grading plan including cut/fill for the construction site.
  - Construction Detail Drawings – Site plan and profile, cross-section profiles, rock toe key detail, and erosion and sediment control details.
- **Construction Observation/Administration** – Various services during the construction phase including schedule coordination between client and contractor, and on-site inspection and soil density testing.

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1.0 QUALIFICATIONS

COMPENSATORY MITIGATION AND STREAM RESTORATION

Morgantown Utility Board
Monongalia County, West Virginia

Potesta & Associates, Inc. (POTESTA) is working with the Morgantown Utility Board to produce compensatory mitigation for the 401 State Water Quality Certification and the Department of Army permit from the United States Army Corps of Engineers for the Cobun Creek No. 2 Reservoir and Dam. These agencies are requiring the Morgantown Utility Board to provide mitigation that is sufficient to offset the loss of aquatic resources that will occur as a result of dam construction in Cobun Creek, Mountain Run, and their tributaries located in Monongalia County, near Morgantown, West Virginia as required by the Clean Water Act.

Finding sufficient mitigation for large projects like the Cobun Creek No. 2 Dam and Reservoir is an integral component of the permitting process. While utilizing a mitigation bank or in-lieu fees is a mitigation option available for Clean Water Act permits, these methods of compensation can be extremely costly when impacts are more than just a few hundred feet. For the Morgantown Utility Board, the most preferable option for mitigation is Permittee responsible mitigation. This is a less costly endeavor if an appropriate mitigation site can be found.

Working with a local landowner, POTESTA identified a lake in Preston County, West Virginia, that due to dam safety requirements, must be removed. The site, which is in the Fike Run watershed, will provide a unique opportunity to couple a utility in need of mitigation with a landowner who has regulatory obligations that cannot be met alone.

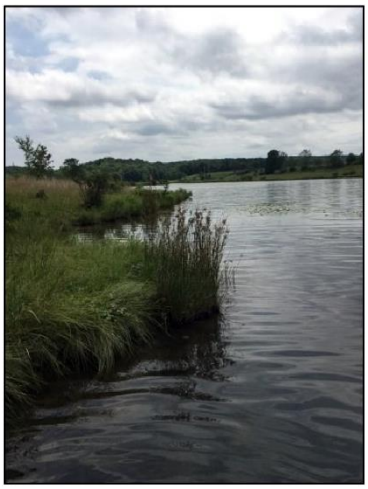
Restoration in Fike Run will be unlike most restoration projects in West Virginia. While the project area is close to the headwaters in the Fike Run watershed, the stream types near

1.0 QUALIFICATIONS

COMPENSATORY MITIGATION AND
STREAM RESTORATION
PAGE 2

the project area are often low gradient. Restoration goals include the establishment of stream channels within the footprint of Appalachian Lake, as well as the development of an extensive wetland.

Restoration will be accomplished via a mixture of both active and passive methods. The proposed restoration plan will focus on the reestablishment of the natural flow regime of a low gradient system, restore the reservoir footprint as channel with appropriate floodplain and meander width ratio, address sediment release and transport concerns, and restoration of migration or fish passage. In addition to natural vegetation, floodplain seed mix, live stakes, and woody floodplain cuttings will be incorporated in the final restoration plan, as well as an invasive species management plan. Channel banks will either be stabilized with a suite of bioengineering techniques, or allowed to self-stabilize following exposure of the former floodplain and seedbank. Wetlands are expected to form within the restored pond areas by natural processes. It is expected that riparian zones and wetlands within the restored areas would consist of a mosaic of wetland community types including shallow and deep marsh, wet meadow, and potential future scrub shrub wetlands. Plant establishment may entail natural recruitment of plants represented in the "seed bank" contained in the sediments of each pond, coupled with the use of other plant establishment techniques. Such measures may include seeding, live-staking, containerized seedlings and potted trees and shrubs. Extensive use of these measures would enhance rapid community restoration and facilitate the establishment of optimum combinations of native floristic communities.



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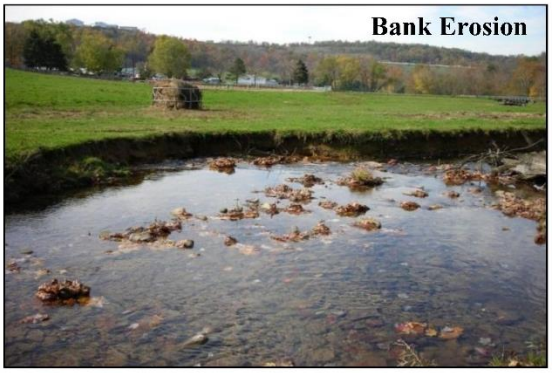
1.0 QUALIFICATIONS

STREAM STABILIZATION AND ENHANCEMENT COMPENSATORY MITIGATION

Freeland & Kauffman Inc.
Cobun Creek, Monongalia County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Freeland & Kauffman Inc. to provide professional environmental consulting services for Wal-Mart Stores, Inc. for a new Supercenter Facility in Morgantown, West Virginia. The project required both a Department of Army permit from the United States Army Corps of Engineers and individual water quality State 401 certification from the West Virginia Department of Environmental Protection. POTESTA prepared a Compensatory Mitigation Plan for stream impacts at the Walmart site that satisfied both agencies regulatory requirements and performed field reconnaissance to locate a property that would be a suitable mitigation site. Significant consultation with the West Virginia Division of Natural Resources and West Virginia Conservation Agency, as well as non-profit watershed groups, occurred to locate an appropriate compensatory mitigation site.



Mitigation was completed at the Dalton Farm which lies adjacent to County Route 81/2 on Cobun Creek in Monongalia County, West Virginia. Cobun Creek is the main tributary to the City of Morgantown's secondary water supply (Cobun Creek Dam No. 1). The stream runs through a cattle and horse pasture, where livestock had direct access to the stream and were causing bank erosion and excessive sedimentation. The Compensatory Mitigation Plan consisted of approximately 1,650 linear feet of stream enhancement including stream bank fencing to prevent livestock from having total access to the stream. A riparian zone planting plan was also prepared which included riparian shrubs, small trees, and herbaceous riparian species. The Compensatory Mitigation Plan also included some minor stream bank shaping and proposed installation of in-stream habitat structures. Instream measures include the installation of j-hooks in several locations for bank protection.

1.0 QUALIFICATIONS

STREAM STABILIZATION AND ENHANCEMENT
COMPENSATORY MITIGATION
PAGE 2


Riparian Planting

The vegetative planting plan at the Dalton Farm included the planting of approximately 200 trees. The following species were planted: *Acer rubrum* (red maple), *Cercis Canadensis* (Eastern redbud), *Alnus glutinosa* (European black alder), and *Cornus oblique* (silky dogwood). Trees were planted on both sides of the creek with adequate spacing 2-3 feet from the top of bank to allow for the development of a shaded riparian corridor. Additionally, the trees were placed in a manner to help provide bank stability and reduce erosion.

The fencing consisted of four strands of high-tensile wire which would exclude livestock but not smaller wildlife. Three entry points (Watergates) were included to allow farmer access and stream crossing. The crossing used a combination of stone and vegetative measures to allow access but reduce erosion and sedimentation. Additionally, instream structures (J-Hooks) were added to alleviate bank erosion while floodplains were regraded to promote bank stability and floodplain connectivity.


Fencing


Instream Structure

The compensatory mitigation included the use of restrictive covenants to protect the stream corridor at the Dalton Farm site. The use of this type of protective instrument still allows the farmer to access the stream corridor but protects the property in perpetuity from construction activities other than those specifically identified in the stream restoration plan. The Compensatory Mitigation Plan also included performance standards and monitoring requirements which were met in a five-year period.

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1.0 QUALIFICATIONS

WETLAND RESTORATION

Freeland & Kauffman, Inc.
Frozencamp Wildlife Management Area, Jackson County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Freeland & Kauffman, Inc. to provide professional environmental consulting services for Wal-Mart Stores, Inc. for a new Supercenter facility in Ripley, West Virginia. The project required both a Department of Army permit from the United States Army Corps of Engineers and individual water quality State 401 certification from the West Virginia Department of Environmental Protection. POTESTA prepared a Compensatory Mitigation Plan for both stream and wetland impacts. The wetland mitigation was completed in the Frozencamp Wildlife Management Area (FCWMA).

POTESTA designed an approximate 2.5-acre emergent/scrub-shrub wetland east of Wiblin Lake. This was accomplished regrading and roughening the bottom of Wiblin Lake to lower the water table depth between approximately 6 and 18 inches to provide retention and sediment storage in the wetlands. Wetland sumps and swaths were developed to maximize habitat regimes and were fueled by neighboring tributaries that had their banks lowered in portions to allow water to escape during high flow events to feed the wetland area.

The wetland vegetative planting plan included *Cephalanthus occidentalis* (button bush), and *Alnus rugosa* (speckled alder) shrubs to be planted at a rate of approximately one stem for every 10 linear feet at random along the edges of the wetland swaths. Wetland seed mixes were comprised of natural occurring and fast establishing species including, but not limited to, *Elymus virginicus* (Virginia Wild Rye), *Carex vulpinoidea* (Fox Sedge), and *Juncus effusus* (Soft Rush) at a rate of 15 bulk pounds per acre. Upland planting plans were established using existing and surrounding site conditions. *Quercus bicolor* (swamp white oak) and *Quercus palustris* (pin oak) tree species were selected for the riparian corridor and planted with an on center spacing of 15 to 20 feet. An upland seed mix was established for the disturbed upland areas during construction and included separate species compositions based on the time of year. Upland seed mixes were applied at a rate of 9 bulk pounds per acre.

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1.0 QUALIFICATIONS

1.5 Anticipated Concepts and Methods of Approach

This section discusses POTESTA's anticipated concepts and methods of approach to the Kempton Refuse Rehabilitation Project. The approach outlined below is general and may change based on information received from WVDEP, AML or from our findings as we evaluate the Kempton site.

1. Meet with WVDEP, AML and discuss project requirements. Request documents prepared by design consultant for the initial Kempton Refuse project. Review documents and conduct a site meeting with WVDEP to look at and discuss problem areas and approach for rehabilitation.

2. Develop detailed scope of work, schedule, and cost estimate. Follow-up meeting with WVDEP, AML to discuss scope, costs, and make necessary adjustments.

3. Upon receipt of purchase order, begin engineering work.

4. Review historical design and reclamation documents. Develop/obtain topographic mapping for reclamation plan development. Survey as required to locate features as needed for design.

5. Complete field reconnaissance to identify and establish extent for rehabilitation construction. Obtain photographs for future reference and to document existing conditions. Estimate/measure dimensions for hydraulic structures including channels, ditches, swales, pipes, etc. Obtain information to be used to develop criteria including watershed assessment, preliminary site assessment, and data collection and analysis of stream reaches. Obtain samples if necessary of water, site soils, and rock.

6. Subsurface investigation to obtain geotechnical information on soils, rock, groundwater conditions, etc. that may be needed to develop the rehabilitation design.

7. Evaluate hydrology of watersheds within the project area to identify design flows and anticipated flow velocities in channels, ditches, streams, culverts, etc. Evaluate areas where existing drainage conveyances have failed and determine requirements for repair. Utilize combination of engineering hydraulic analysis and natural stream design principles to develop rehabilitation plan.

1.0 QUALIFICATIONS

8. Evaluate landslide area to analyze failure mode and cause. Evaluate sloe stability of proposed repair options including surface runoff drainage control, subsurface groundwater control, and regrading to obtain a sufficient factor of safety against sliding. Develop reclamation requirements for landslide repair.

9. Evaluate seep areas and develop control plan to capture subsurface water, convey to appropriate downstream structures, and provide surface treatment (soil cover) to establish and support vegetation. Evaluate water anticipated to be discharged from seep to determine an appropriate treatment to control acid mine drainage prior to discharge.

10. Evaluate impoundment area to design appropriate remediation plan.

11. Evaluate passive treatment devices including the limestone addition in stream channels, as well as the passive treatment system installed to treat discharge from the two sealed mine portals. Obtain/analyze water samples from different points in the passive treatment system to determine which components are not functioning or are in need of maintenance. Develop plan for remedial action for the passive treatment system.

12. Locate suitable soil borrow areas including soil samples and analysis for revegetation specifications. Locate rock borrow areas including samples for durability/soundness testing and acid-base accounting to address potential for toxic discharge.

13. Develop conceptual site design and submit to WVDEP, AML for review and comment. Purpose of conceptual site design is to present 30 percent design to WVDEP for input prior to plans and specifications development. Meeting will be held with WVDEP, AML to review conceptual site design and discuss additions, deletions, or revisions to the scope of work, methods, and details.

14. Prepare bid documents including construction drawings, technical specifications, develop construction bid items and quantities, prepare contractor's bid form, prepare engineer's construction cost estimate, and prepare calculations brief. Submit these documents to WVDEP, AML for review.

15. Complete quality assurance/quality control review of design package and submittal. Drawings and calculations will be checked using POTESTA's internal quality control procedures. Technical specifications, bid form, and engineer's construction cost estimate will be peer reviewed consistent with POTESTA's internal quality control procedures.

1.0 QUALIFICATIONS

16. Upon receipt of WVDEP review comments, finalize bid documents, sign and seal, and submit.

17. Complete required regulatory permit applications required for the project such as construction stormwater NPDES permit, U.S. Army Corps of Engineers/WVDEP permit approvals for stream work, etc.

18. Conduct pre-bid meeting. Assist WVDEP, AML with required addenda.

19. Conduct pre-construction meeting with successful bidder and WVDEP, AML.

1.0 QUALIFICATIONS

1.6 Management Plan and Location of Facilities

Management Plan

POTESTA's proposed project **organization chart** including key staff and subcontractors was presented on **Page 11** of this EOI. Work will be performed at POTESTA's Charleston, West Virginia office or on-site as may be required with support from our Morgantown branch office where it adds efficiency and makes sense.

POTESTA's professional, technical, and support staff have extensive experience on WVDEP-AML including many reclamation/drainage projects. We are well qualified to serve WVDEP on this project. We stand ready to commit the personnel and resources required to complete this project in a timely, technically sound, and cost-efficient manner. POTESTA's large staff size will allow us to work on this project 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, support the project manager, assemble a project team and appoint key staff to develop a proposed scope of work. The principal-in-charge and project manager will visit the site with WVDEP, AML to review site conditions and the proposed services to be completed and guide the preparation of a detailed proposal and cost estimate. A written proposal including a detailed scope of work and an associated manhour and cost estimate will then be prepared and submitted to WVDEP, AML for review. The project manager will review the proposal with the WVDEP, AML including a task-by-task discussion of work items and the related costs. Upon WVDEP, AML's approval of the proposal,

1.0 QUALIFICATIONS

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

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

WVDEP, AML has indicated that preliminary design documents will be due 60 calendar days from the issuance of the Purchase Order to the awarded vendor for the Kempton Refuse Rehabilitation Project. If selected, POTESTA stands ready to meet your timeframe.

1.0 QUALIFICATIONS

Project Budget Control

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

Schedule Control

Direct responsibility for schedule control lies with the project manager. Initially, the project manager will review schedule requirements (understood to be 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.

Quality Assurance/Quality Control

Submittals to the WVDEP will be reviewed by the project manager and the principal-in-charge prior to submittal to the WVDEP. Both the project manager and the principal-in-charge have worked on numerous WVDEP, AML projects, and thus understand the level of detail and expectations for WVDEP, AML projects. 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.

1.0 QUALIFICATIONS

Certificate of Liability Insurance

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

POTE&AS-01 NGONZALEZ

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 3/5/2020

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

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

PRODUCER	CONTACT NAME:	
Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279
	E-MAIL ADDRESS: admin@amesgough.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Valley Forge Insurance Company A(XV)	20508
INSURED Potesta & Associates, Inc. 7012 MacCorkle Avenue, SE Charleston, WV 25304	INSURER B : Continental Insurance Company A(XV)	35289
	INSURER C : National Fire Insurance Company of Hartford A(XV)	20478
	INSURER D : Evanston Insurance Company	35378
	INSURER E :	
	INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			6057035330	3/7/2020	3/7/2021	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
	X Contractual Liab.						MED EXP (Any one person)	$ 15,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS			6057035327	3/7/2020	3/7/2021	BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$ 9,000,000
	EXCESS LIAB CLAIMS-MADE			6057035358	3/7/2020	3/7/2021	AGGREGATE	$ 9,000,000
	DED X RETENTION $ 10,000							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) N	N / A		6057035344	3/7/2020	3/7/2021	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
D	Professional Liab.			MKLV7PL0004060	3/7/2020	3/7/2021	Per Claim/Aggregate	5,000,000

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

CERTIFICATE HOLDER	CANCELLATION
EVIDENCE OF COVERAGE	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

2.0 CLOSING

We look forward to continuing to serve WVDEP, AML on the Kempton Refuse Rehabilitation Project and bring it to completion. Our staff has an abundance of experience with passive AMD treatment, landslide stabilization, natural stream design, and drainage improvement projects throughout the region and will make our experienced personnel immediately available for this project. Our commitment is to provide quality service, rapid response and project completion, and to exceed your expectations for services performed under this project.

APPENDIX A

Attachment "A"

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

PROJECT NAME	DATE (DAY, MONTH, YEAR)	FEIN
Kempton Refuse Rehabilitation Project	**10, September, 2020**	**311509066**

FIRM NAME	2. HOME OFFICE BUSINESS ADDRESS	3. FORMER FIRM NAME
Potesta & Associates, Inc.	**7012 MacCorkle Avenue, SE Charleston, West Virginia 25304**	**N/A**

4. HOME OFFICE TELEPHONE	5. ESTABLISHED (YEAR)	6. TYPE OWNERSHIP	6a. WV REGISTERED DBE (Disadvantaged Business Enterprise)
(304)342-1400	**1997**	Individual [Corporation] Partnership Joint-Venture	YES [NO]

7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE

7012 MacCorkle Avenue, SE, Charleston, WV 25304 / (304) 342-1400 / Dana L. Burns, Vice President / 66

8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM	8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS
Ronald Potesta, President Dana L. Burns, Vice President	**N/A**

9. PERSONNEL BY DISCIPLINE

10 ADMINISTRATIVE	2 ECOLOGISTS	__ LANDSCAPE ARCHITECTS	__ STRUCTURAL ENGINEERS
__ ARCHITECTS	1 ECONOMISTS	1 MECHANICAL ENGINEERS	**6 SURVEYORS**
4 BIOLOGISTS	__ ELECTRICAL ENGINEERS	**1 MINING ENGINEERS**	__ TRAFFIC ENGINEERS
6 CADD OPERATORS	2 ENVIRONMENTALISTS	__ PHOTOGRAMMETRISTS	1 HORTICULTRUALIST
2 CHEMICAL ENGINEERS	__ ESTIMATORS	__ PLANNERS: URBAN/REGIONAL	**4 GEOTECHNICAL ENGINEERS**
16 CIVIL ENGINEERS	**1 GEOLOGISTS**	__ SANITARY ENGINEERS	1 FISH & WILDLIFE SPECIALISTS
13 CONSTRUCTION INSPECTORS	__ HISTORIANS	__ SOILS ENGINEERS	1 GIS SPECIALIST
__ DESIGNERS	__ HYDROLOGISTS	__ SPECIFICATION	1 AQUA CULTURALIST
1 DRAFTSMEN		__ WRITERS	1 INFORMATION TECHNOLOGIST
			__ CHEMIST
			__ OTHER
			74 TOTAL PERSONNEL

TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 13

***RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.**

10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? ☐ YES ☐ NO **N/A**

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Qualification Questionnaire".		
NAME AND ADDRESS: Keddal Aerial Mapping 1121 Boyce Road, Suite 3100 Pittsburgh, Pennsylvania 15241	SPECIALTY: Aerial Photography and Mapping	WORKED WITH BEFORE __X__ Yes _____ No
NAME AND ADDRESS: GeoMechanics, Inc. 600 Munir Drive P.O. Box 386 Elizabeth, PA 15037	SPECIALTY: Environmental and Coal Related Laboratory	WORKED WITH BEFORE __X__ Yes _____ No
NAME AND ADDRESS: Test Boring Services 140 Mong Road Scenery Hill, Pennsylvania 15360	SPECIALTY: Soils and Rock Boring	WORKED WITH BEFORE __X__ Yes _____ No
NAME AND ADDRESS: GeoMechanics, Inc. 600 Munir Drive P.O. Box 386 Elizabeth, PA 15037	SPECIALTY: Soils and Concrete Testing	WORKED WITH BEFORE __X__ Yes _____ No
NAME AND ADDRESS: Pace Analytical 5 Weatherridge Drive Hurricane, WV 25526	SPECIALTY: Water Analytical	WORKED WITH BEFORE __X__ Yes _____ 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?

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

NO

B. Is your firm experienced in Soil Analysis?

[YES] Description and Number of Projects: 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, soil amendments, 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.

NO

C. Is your firm experienced in hydrology and hydraulics?

[YES] 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 passive treatment devices. POTESTA has developed well over 100 storm water management plans for mines, industrial facilities and new site development projects throughout West Virginia. POTESTA will utilize standard methods for estimating design peak discharge rates and for the sizing/design of hydraulic conveyances such as channels, ditches, flumes, natural streams, and pipes.

NO

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

[YES] Description and Number of Projects: 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.

NO

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

YES Description and Number of Projects: 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 lines for municipalities, public service districts, and utility companies in West Virginia.

NO

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

YES Description and Number of Projects: 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. POTESTA can evaluate site conditions, analyze acid mine drainage characteristics, evaluate alternative treatment options, and design the appropriate passive treatment system(s).

NO

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
West Virginia Coal Association American Society of Civil Engineers West Virginia Association of Consulting Engineers American Consulting Engineering Council - Trans Committee	PE, 1985, WV PS, 1995, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 1984, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	PE, 1990, WV Licensed Remediation Specialist, 1998, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 1982, Civil Engineering

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

BS, 1993, Civil Engineering

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Society of Civil Engineering Association of Engineering Geology Society of American Military Engineers	Licensed Remediation Specialist, 1998, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Commissioner, Ohio River Valley Water Sanitation Commission; Board of Directors, WV Chapter of the Nature Conservancy; National Institute for Chemical Studies; WV Environmental Institute; WV Manufacturers Association	

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 1980, Geology and Mineralogy

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Association of Petroleum Geologists	Certified Petroleum Geologist, 1984

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

AS, 1983, Surveying

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Congress Surveying and Mapping	
West Virginia Association of Land Surveyors	PS, 1988, NC
North Carolina Society of Surveyors	PS, 1989, SC
South Carolina Society of Surveyors	PS, 1993, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 1999, Mechanical Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	PE, 2010, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 2002, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
National Society of Professional Engineers	PE, 2008, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	PE, 1997, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

BS, 2004, Civil Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
	PE, 2008, WV

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Society of Freshwater Scientist Society of Environmental Toxicology and Chemistry	

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

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

Brief Explanation of Responsibilities

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

EDUCATION (Degree, Year, Specialization)

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

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

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 2019 Used for preparing CADD drawings (3D modeling software that provides topographic analysis, real-world coordinate systems, volume totals, roadway geometry.)
PCSTabl stability analysis program to perform stability analysis of failed slopes and proposed landslide repair solutions.

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

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
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 5th Avenue Huntington, WV 25701	Design of Landslide Repair.	$3,900,000	98%
Friends of Cheat, Cheat River Rail Trail Landslide & Drainage Evaluation	Friends of the Cheat 1343 N. Preston Highway Kingwood, WV 26537	Field Review of the Existing Trail and Recommendations for Landslide abatement and drainage improvements.	TBD	80%
Howesville Area Water Line Extension Preston County, WV *Project mostly 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 12 miles of line and one 60,000-gallon tank.	$2,801,344	98%
Herring Sub Area 1 & 3 Water Line Extension Preston County, WV *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%

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

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

TOTAL NUMBER OF PROJECTS:	TOTAL ESTIMATED CONSTRUCTION COSTS:
13 (POTESTA has completed well over 1000 projects.)	***$67,291,344***

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

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION 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

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

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

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

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 and Construction Monitoring Services for the Kempton Refuse Rehabilitation Project" supports this questionnaire in providing POTESTA's qualifications and resources for serving the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands and Reclamation on this project. In summary, POTESTA:

1. Has assembled a team of in-house personnel and subcontractors who have historically worked on AML projects. POTESTA's in-house staff includes 13 Professional Engineers including 10 in the primary office, three of whom have worked on over 75 AML projects.

2. Has a large local staff with a unique multidiscipline technical emphasis (including civil engineering, structural engineering, geological engineering, hydrological engineering, mine land reclamation, with a strong emphasis on water quality and aquatic life and toxicity).

3. Has 15+ employees with experience on WVDEP AML projects. POTESTA employees have worked on and have experience in the following type of WVDEP AML projects:

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

4. Can handle a substantial AML workload (more than our competitors) since POTESTA has three Professional Engineer (P.E.) Project Managers each with experience on 75+ AML projects.

5. Offices located in Charleston, West Virginia in close proximity to WVDEP's Charleston office, with offices in Morgantown, West Virginia close to WVDEP Bridgeport office and Winchester, Virginia.

6. Staff has had a positive relationship with WVDEP, AML in the past, which we would like to continue.

20. The foregoing is a statement of facts.

Signature: Dana L. Burns Title: Vice President Date: September 10, 2020

Printed Name: Dana L. Burns, PE

APPENDIX B

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C=Corp. P=Personnel *	Additional Info Provided in Section(s) **	PROJECT EXPERIENCE REQUIREMENTS: 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	PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional: Dana L. Burns	D. Mark Kiser	Tim M. Rice	David B. Sharp	Chris A. Grose	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Pat Taylor	Scott A. Bolyard	Chad Griffith	Peter Potesta
Buzz Food Service, Appalachian Abattoir Landslide Abatement (AML Pilot Grant)	C					✓					✓						✓	M	P					P						P
WVDEP - AML Marmet (Wells Drive) Landslide Emergency	C			✓	✓	✓					✓						✓	M	M			P		P			P				
WVDEP - AML Williamson (Hatfield) Landslide	C								✓		✓						✓	M	M		P	P	P	P		P				
WVDEP - AML George's Creek (Lucas) Rockslide	C								✓		✓						✓	M	M			P		P						
WVDEP - Wheatley Branch Landslide	P			✓	✓	✓					✓				✓		✓			P,M										
WVU - Monongahela Blv. Rockfall Project	C										✓		✓				✓	M			P,M				P					
Hampden (Smith) Landslide - AML	P										✓						✓	M				P								
Charleston (Ratcliffe) Landslide - AML	P																✓	M	P			P								
Mulberry Fork (Stover) Landslide - AML	P		✓								✓						✓	M				P						P		
Belle Landslide - AML	P			✓	✓	✓					✓						✓	M	P			P	P					P		
Kitchen/Gibson Landslide - AML	P			✓													✓	M												
Duck Creek Landslide - AML	P			✓	✓	✓					✓		✓				✓	M												
Williamson Landslide - AML	P		✓			✓					✓						✓	M	P							P				
MBOM - Oak Hill Landslide	P					✓					✓						✓			P,M										
ODNR - Chickwan Landslide	P		✓			✓			✓		✓		✓				✓			P,M										
ODNR - Z & H Landslide	P		✓			✓			✓		✓		✓				✓			P,M										
City of Morgantown - Jacob Street Slip Repair	C										✓		✓				✓				P,M				P				P	
WVDOT/DOH - Geotechnical Services - WVSR 4 Repair and Stabilization	C																✓				P,M	P							P	P
Morgantown Parking Authority - Armory Lot Retaining Wall	C										✓						✓				M				P				P	
Stone Energy - Geotechnical - Development of Marcellus Well Pads	C										✓		✓				✓				M	P								P
Jerry Ware - Residential Landslide Gordon Drive - Charleston WV	C																✓				M									P
Town of Granville - Bowser Street Landslide Repair	C										✓		✓				✓			P, M	P, M	P			P				P	
CEF 8 Ltd. Partnership -Artisan Heights Townhouse Dev. Stability Review	C																✓				P,M									
Travelers - Bona Vista Drive Slip Repair - Charleston WV	C																✓				M	P			P					P
Columbia Gas - Landslide Stabilization - Blue Creek WV	C										✓						✓				P	P								P
City of Charleston - Grandview Slip Repair - Kanawha County WV	C																✓				M	P								P
Training Response Center - Gallagher Tunnel Drainage and Slope Stability	C																✓				M									
WVCA/NPCD - Wheeling Creek #7 Dam Landslide Repair	C										✓						✓			P, M	P,M	P			P				P	
WVCA/NPCD - Upper Grave Creek Dam Landslide Repair	C										✓						✓			P, M	P,M	P			P				P	
Wheeling-Charleston Diocese - Mt. Calvary Landslide Repair	C										✓		✓				✓				P,M				P				P	
Wheeling-Charleston Diocese - St. Boniface Landslide Repair	C																✓				P,M				P				P	
Huntington Municipal Development Authority - Kinetic Park Slip Repair	C										✓		✓				✓				M	P								P
Huntington Sanitary Board - North Edgemont Slope Stabilization	C										✓		✓				✓				P	P								P
K & N Contracting - Nixon Ridge Slip Repair - Moundsville WV	C										✓		✓				✓													P
Marshall Portal Access Road Landslide	C										✓						✓				P, M				P				P	
Weekley Well Pad Landslide Repair	C										✓						✓				P, M	P							P	
Mills Wetzel #2 Well Pad Landslide Repair	C										✓		✓				✓				P, M	P							P	
Shupbach Ridge Road Landslide Repair	C										✓		✓				✓				P, M	P							P	
Potts Well Pad Landslide Repair	C										✓		✓				✓				P, M	P							P	
Decker's Creek Mine Stockpile Landslide Repair	C																✓				P, M								P	
Wentz Freshwater Impoundment Embankment Stability Repair	C																✓				P, M								P	
Cline Tower Landslide Repair	P																✓				P, M									
Wellford Tower Landslide Repair	P																✓				P, M									
Massie Ridge Tower Landslide Repair	P																✓				P, M									
Fisher Residential Landslide Repair	P																✓				P, M									
Kennawa Landslide Repair	P																✓				P, M									
Burlew Landslide Repair	P																✓				P, M									
Lee Landsldie Repair	P																✓				P, M									
Fairmont North Tower Landslide Repair	P																✓				P, M									

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6th Street Tower Landslide Repair	P																✓				P, M										
WVDEP, AML Tupper Creek Emergency Landslide Repair	P										✓		✓				✓				P										
Schmidt Landslide Repair	P																✓				P										
Disposal Service, Inc. Landslide Repair	P																✓				P										
Wellston High School Landlslide Repair	P																✓				P										
Pribble Tank Tank Landslide Repair	P										✓		✓				✓				P, M	P							P		P
Potokczny Well Pad Landslide Repair	P										✓		✓				✓				P, M	P							P		
Ridgepoint Landslide Repair	P																✓				P, M	P							P		
Wolf Pen (Carpenter) Portals	C			✓	✓	✓					✓																				
Laurel Branch (Weaver) Portals	C			✓	✓	✓					✓																				
WVDEP, OSR Cheyenne Sales Company, Inc.	C		✓			✓	✓				✓	✓			✓		✓	M	P					P							
WVDEP, AML Little Whitestick Refuse	C		✓	✓	✓	✓	✓				✓	✓				✓	✓	M	P					P							
WVDEP, AML Crany Mine Dump	C		✓			✓					✓					✓	✓	M	P					P							
WVDEP, AML Morgan Mine Fire	C		✓	✓		✓	✓	✓			✓						✓	M			M								P		
Monumental Mine	C					✓					✓	✓					✓	M												P	
Lilly Parker Mine	C					✓					✓	✓					✓	M												P	
Barrackville Mine Expansion	C					✓					✓	✓					✓	M												P	
Jo Anne Permit Renewals	C					✓					✓	✓					✓	M												P	
Humphrey Limestone Quarry	C					✓					✓	✓					✓	M												P	
WVDEP, AML MacArthur Phase 2 Subsidence AML	C					✓			✓		✓	✓					✓	M													
WVDEP, AML Lake Lynn Complex	C			✓	✓	✓					✓	✓					✓			M	M								P		
WVDEP, AML MacArthur Mine Subsidence	C			✓					✓		✓							M	M,P					P							
WVDEP, AML East Lynn II	C			✓	✓	✓					✓					✓	✓	M	M,P					P							
WVDEP, AML Flipping Hollow Complex	C			✓	✓						✓							M	M,P					P							
WVDEP, AML Sundial (Hatfield) RefusePiles Re-Bid	C			✓	✓	✓					✓				✓		✓	M	M					P							
WVDEP, AML Mill Creek Refuse Pile	C			✓		✓					✓						✓	M	M					P							
WVDEP, AML John's Branch Coal Refuse Dam (Kopperston)	C			✓		✓		✓			✓						✓	M	M					P							P
WVDEP, AML Clay-Roane PSD Water Feasibility Study	C			✓								✓						M						P							P
WVDEP, AML Burnsville PSD Water Feasibility Study	C			✓								✓						M	M												
WVDEP, AML Brandonville/Pisgah Water Feasibility Study	C			✓								✓						M	M												
WVDEP, AML Cuzzart/4-H Water Feasibility Study	C			✓								✓						M	M												
WVDEP, AML Hudson/Mt. Nebo Water Feasibility Study	C			✓								✓						M	M												
WVDEP, AML Jessop Highwall #10	C		✓		✓	✓					✓						✓	M	M												
WVDEP, AML Lando (Edwards) Drainage	C		✓	✓	✓	✓					✓						✓	M	M												
WVDEP, AML Taylorville (Cantrell) Drainage	C			✓	✓	✓					✓							M	M							P					
WVDEP, AML Borderland (Matney) Portals	C			✓	✓	✓					✓							M	M								P				
WVDEP, AML Peach Ridge Complex	C		✓	✓	✓	✓					✓				✓			M	M					P							
WVDEP, AML Measle Fork Refuse	C		✓			✓					✓				✓	✓	✓	M	M					P			P				
WVDEP, AML Georges Creek Portals	C			✓	✓	✓					✓							M	M					P			P				
WVDEP, AML Putney Impoundment	C		✓	✓	✓	✓					✓					✓	✓	M	M												
WVDEP, AML Kopperston (John's Branch) Refuse Emergency	C		✓			✓					✓							M	M							P					
WVDEP, AML Marmet (Clark) Drainage	C			✓	✓	✓					✓							M	M					P							
WVDEP, AML Pringle Run #2	C		✓	✓	✓	✓					✓				✓		✓	M	M					P							
WVDEP, AML Mountain Run Refuse and Portals	C				✓	✓					✓				✓		✓	M	M		M								P		
Dream Mountain AMD Project - Friends of the Cheat	C					✓					✓	✓		✓			✓				M								P		
Gary Connor AMD - Friends of the Cheat	C					✓					✓	✓		✓							M								P		
WVDEP, AML Fairmont East Mine Drainage	C			✓		✓					✓							M	M												
WVDEP, AML Rachel Refuse	C		✓			✓	✓								✓			M	M					P							
WVDEP, AML Iaeger Water Feasibility Study	C			✓								✓						M				M		P							

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			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Dana L. Burns	D. Mark Kiser	Tim M. Rice	David B. Sharp	Chris A. Grose	Terence C. Moran	Michael Sankoff	Jeremi J. Stawovy	Jarrett Smith	Robbert Ammirato	Pat Taylor	Scott A. Bolyard	Chad Griffith	Peter Potesta
WVDEP, AML Burnwell, Standard, and Collinsdale Water Line Extension	C			✓							✓	✓	✓					M					M	P			P				
WVDEP, AML Morrisvale Cameo Preliminary Engineering	C											✓											M	P			P				
May Portal (Virginia AML)	C			✓	✓	✓					✓				✓			M										M				
Webster County Water Studies	C					✓						✓						M								P		M				
Mill Creek Phase III Waterline and Water Treatment Plant - AML	P					✓					✓	✓		✓			✓						M									
Cow Creek - Sarah Ann Phase III Water Line Extension	P																						M									
Godby Branch Water Line Extension	P																		P				M									
Putnam County Commission - Fisher Ridge Phase II	C																	M					M	P		P						
Boone County PSD - Lick Creek Water Line Extension	C																	M					M	P								
Boone County PSD - Joes Creek Water Line Extension	C																	M					M	P								
Boone County PSD - Six Mile Extension/Corridor G	C																	M					M	P								
Boone County PSD - Trace Branch/Robinson Water Line Extension	C																	M					M	P								
Boone County PSD - Stephens Auto/Betsy Lane Water Line Extension	C																	M					M	P								
Town of Ceredo - Water Distribution System Upgrade	C																	M					M	P			P	P				
WVAWC - Mifflin/Sharples Water Line Extension	C																	M					M	P			P					
Town of Ceredo - Cemetery Hill Upgrade	C																															
WVAWC - Putnam County Water Supply Extension	P										✓							M					M									
WVAWC - Kanawha County Water Supply Extension	P					✓					✓							M					M									
WVAWC - Cabell County Water Supply Extension	P					✓					✓							M					M									
City of Philippi Upgrade to Water Distribution System	C					✓					✓							M					P	P								
Philippi Water Line Relocation for WVDOH Bypass	C					✓					✓							M					P	P								
WVAWC - Route 60	C					✓					✓	✓						M	P					P								
WVAWC - Route 60 Contract 4	C					✓					✓	✓						M	P					P								
WVAWC - Buff Creek/Trace Fork	C					✓					✓	✓						M	P					P								
WVAWC - Poca River	C					✓					✓	✓	✓					M	P					P								
WVAWC - Cabell County Contract 6	C					✓					✓	✓	✓					M	P				P	P								
WVAWC - Cabell County Contract 7	C					✓					✓	✓	✓					M	P				P	P								
WVAWC - Fisher's Ridge Extension	C					✓					✓	✓	✓					M					P	P			P					
WVAWC - Summers County Extension	C					✓					✓	✓	✓					M	P													
WVAWC - Glade Springs Village	C					✓					✓	✓	✓					M	P													
WVAWC - Spite Road	C					✓					✓	✓	✓					M					P									
Beaver Creek Waterline Extension - AML	P										✓	✓						M				P	P								
Cassity Fork Water Supply Extension - AML	P										✓	✓						M	P			P	P								
Gualey River Area Water Line Extension - AML	P										✓	✓											M								
Heizer/Manila Creek Water Line Extension Phase II Study - AML	P										✓	✓											M								
Reynoldsville/Wallace Water Supply Extension - AML	P					✓					✓	✓					✓						M								
Weaver-Junior Phase II Water Supply - AML	P					✓						✓											M								
Washington Heights to Jeffrey Phase II Water Study - AML	P					✓						✓											M								
Reynoldsville, Wallace, and Clarksburg Phase II Water Study - AML	P					✓						✓											M								
Reynoldsville, Wallace, and Clarksburg Phase I Water Study - AML	P											✓											M								
Weaver-Junior Phase I Water Study - AML	P											✓											M								
Gauley River Phase I Water Study - AML	P											✓							P				M								
Upper Rum Creek Phase II Water Study - AML	P					✓						✓											M								
Crooked Creek Phase II Water Study - AML	P					✓						✓											M								
Mill Creek Regional Phase II Water Study - AML	P					✓						✓											M								
Cow Creek - Sarah Ann Phase II Water Study - AML	P					✓						✓											M								
Phase I Water Studies Brooke and Fayette Counties (2 Projects) - AML	P											✓						M	P				P								
Mill Creek Regional Water Phase II Water Study (Boone, Lincoln and Logan Counties) - AML	P					✓						✓						M	P				P								
Godby Branch Phase II Water Study - AML	P					✓						✓						M	P				P								

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Putnam County Phase I Water Studies (3 Projects) - AML	P											✓						M					P								
Boone County Phase I Water Studies (10 Projects) - AML	P											✓						M	P				P								
Phase II Water Feasibility Studies for Logan County (3 Projects) - AML	P					✓						✓						M	P				P								
Phase I Water Studies for Logan County (7 Projects) - AML	P											✓						M	P			P	P								
Spruce Lick-Stream Flow Monitoring Project for Eastern Assoicated Coal Corp. - AML	P					✓						✓				✓		M	P												
Massy Coal Co. AMD Pump Treatment System	C					✓					✓			✓				M													
Martin County Coal Co. Stream Flow & Fish Surveys-Coldwater Creek	C					✓						✓																			
Martin County Coal Co. Stream Flow & Fish Surveys-Wolf Creek Watershed	C					✓						✓																			
Martin County Coal Co. Stream Flow & Fish Surveys- Rockcastle Creek	C					✓						✓																			
Martin County Coal Co. Stream Flow & Habitat Survey-Coldwater Creek Fork Watershed	C					✓						✓																			
Martin County Coal Co. Stream Flow & Habitat Survey-Wolf Creek Watershed	C					✓						✓																			
Martin County Coal Co. Stream Flow & Habitat Survey-Rockcastle Creek Watershed	C					✓						✓																			
Don's Disposal Landfill Stream Flow Measurement	P					✓						✓																			
Union Carbide Cooling Water Flow Measurement	C					✓						✓																			
Union Carbide Davis Creek Flow Measurement	C					✓						✓																			
Union Carbide Process Wastewater Flow Measurement	C					✓						✓																			
MDG-Wastewater Package Plant	C					✓					✓	✓		✓			✓	M								P					
WVDEP-Flows at Various Facilities	P					✓						✓																			
Arch Coal- Pigeon Creek Stream Flow Measurement	C					✓						✓																			
City of Charleston-Sanitary Sewer Flow Measurement	C					✓						✓																			
Pison Development Sanitary Sewer Flow Measurement	C					✓						✓																			
Solutia-Storm Water Flow Measurement	C					✓						✓																			
Solutia-Groundwater Well Levels and Flow Estimates	C					✓						✓																			
Chemical Plant - Parkersburg, WV	C					✓					✓	✓																			
Muddy Creek AMD Treatment System	C					✓					✓	✓		✓							M										
Sovern Run (Tinchnell) AMD Treatment System	C					✓					✓	✓		✓							M										
Evaluation of Mine Drainage from AML Sites as Part of ESA for Jackson & Kelly	C											✓						M					P								
Hawkins AMD - AML	P			✓	✓	✓					✓						✓	M													
Allen AMD - AML	P			✓	✓	✓					✓						✓	M	P					P								
Omega Mine Complex - AML	P			✓		✓			✓		✓			✓			✓						M								
Owings Mine Complex - AML	P	✓		✓	✓	✓	✓			✓	✓			✓	✓	✓	✓						M								
Vindex Energy	C			✓							✓	✓		✓			✓	M	P			P		P							
Dominion Resources - Upshur Enoxy Complex	C	✓		✓							✓	✓		✓			✓	M	P			P	P	P							
Osage AMD Treatment System	P													✓																	
Reliable Mine AMD Treatment System	P													✓																	
Upshur Passive AMD Treatment System	P													✓																	
Sundial Refuse - AML	C	✓		✓	✓	✓					✓				✓	✓	✓	M	M				P	P							
Solutia Landfill Closure Design for Various Environmental Remediation Projects	C					✓				✓	✓	✓	✓	✓			✓	M	P			P		P							
Kanawha Eagle Coal Refuse Disposal Impoundment	C					✓					✓		✓				✓	M	P			P		P							
Pocahontas County Landfill Expansion, Closure, and Operations Consulting	C					✓					✓	✓	✓	✓			✓	M	P					P							
Energy Services Site Development and Permitting	C					✓							✓				✓	M	P			P		P							
Smith Bridge Replacement	C																✓	M				P									
Corridor H, Section 6 Davis-Bismark	C																✓	M	M			P									
Environmental Assessment and Closure/Capping Design for Fleming Landfill	C					✓												M	P					P							
Environmental Assessment and Closure/Capping Plan for Jackson County Landfill	C																	M	M				P	P							
Elkem Metals Jarrett Branch Landfill	C																	M	P			P		P							
Mine Water Treatability Study, Guyses Run of Tygart Valley River	C											✓		✓		✓		M					P								
Coldwater Creek/Luigino's Food Processing Facility, Inc.	C					✓					✓		✓					M	P					P							
Construction Layout for Mahan Tipple and Refuse AML Maintenance Project	C																														

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Construction Layout for Lynn Brook (Boud) Drainage, AML Reclamation Project	C																														
Grass Run Refuse - AML	P		✔			✔	✔				✔	✔					✔	M	P					P								
Allen Sheridan Hazardous Facility (Asbestos)	P		✔							✔	✔							M														
Elk City - Century-Volga Phase I/II Water Study - AML	P											✔						M	P						P							
Camp Mohonegan Regrade - AML	P		✔			✔	✔				✔	✔		✔		✔	✔	M	P						P							
Comfort Run Coal Company (Asbestos) - AML	P			✔						✔								M														
Turner Douglas Complex - AML	P		✔	✔	✔	✔	✔				✔			✔			✔	M	P			P		P								
Buffalo Creek No. 5 Refuse - AML	P		✔			✔	✔				✔			✔			✔	M	P					P								
Dawmont Mine Facility - AML	P		✔	✔	✔	✔	✔				✔			✔	✔		✔	M				P		P								
Helen (Lewis) Refuse - AML	P			✔	✔	✔	✔				✔				✔		✔	M														
Upshur 10/15 Drainage - AML	P		✔		✔	✔					✔	✔		✔				M														
Madison Street Portals/Fairview Route 218 Portals - AML	P			✔	✔	✔					✔						✔	M														
Summerlee Refuse Pile - AML	P		✔			✔	✔				✔	✔		✔		✔	✔	M	P			P	P					P				
Duncan Hill Subsidence - AML	P			✔	✔	✔			✔		✔						✔	M	P			P	P									
Cora Mine Drainage No. II - AML	P			✔	✔	✔					✔						✔	M	P			P										
Covey Creek Mine Fire - AML	P			✔				✔										M				P										
Vivian Refuse Pile - AML	P		✔		✔	✔	✔				✔						✔	M	P			P	P					P				
Kimball Refuse Pile - AML	P		✔	✔	✔	✔	✔				✔	✔			✔		✔	M	P			P	P					P				
Bear Run Refuse - AML	P		✔	✔	✔	✔	✔				✔			✔	✔	✔	✔	M	P			P						P				
Garrison Complex - AML	P			✔	✔	✔					✔				✔		✔	M	P													
Beckley Subsidence - AML	P			✔					✔		✔						✔	M	P			P										
Courtright Highwall - AML	P		✔			✔					✔				✔		✔	M	P			P	P									
Jonben (Haga) Subsidence - AML	P			✔		✔			✔		✔						✔	M	P			P	P									
Holden (Padgett) Subsidence - AML	P			✔	✔	✔			✔		✔						✔	M					P									
Minden Drilling - AML	P		✔														✔	M				P										
Gray and Iaquinta Subsidence - AML	P			✔					✔		✔						✔	M	P				P									
St. John's Road Subsidence - AML	P			✔	✔	✔			✔		✔						✔	M	P				P									
High Coal Tipple - AML	P			✔	✔						✔				✔		✔	M	P													
Route 19/28 Subsidence - AML	P			✔	✔	✔			✔		✔						✔	M														
Omar Refuse Pile - AML	P		✔	✔	✔	✔	✔	✔			✔						✔	M	P			P						P				
Mt. Hope Subsidence - AML	P			✔					✔		✔						✔	M														
Morgantown Airport Drainage/Subsidence - AML	P			✔	✔	✔			✔		✔						✔	M														
Logan Drainage - AML	P			✔	✔	✔					✔						✔	M														
Huffman Street Subsidence - AML	P			✔					✔		✔						✔	M														
Switzer Adams/Robinson Drainage - AML	P			✔	✔	✔					✔						✔	M														
Follansbee Drainage - AML	P			✔	✔	✔					✔						✔	M														
Fairmont East Subsidence - AML	P			✔					✔		✔						✔	M														
Fairmont IV Subsidence - AML	P			✔					✔		✔						✔	M														
Vargo Drainage - AML	P			✔	✔	✔					✔						✔	M														
Kistler Mine Fire - AML	P			✔	✔	✔		✔			✔		✔				✔	M														
Lefthand Fork Burning Refuse - AML	P		✔			✔	✔	✔			✔				✔		✔		M				P									
Harris AMD - AML	P			✔	✔	✔					✔						✔		M				P									
Wyoming County Landfill	P/C					✔					✔		✔	✔			✔	M	P			P		P								
Jackson County Landfill	C					✔					✔			✔			✔	M	P				P	P								
Kanawha Western Landfill	P		✔			✔					✔			✔			✔	M	P			P										
Monongalia County Sanitary Landfill	P		✔			✔					✔			✔			✔	M	P			P						P				
Fayette County Landfill	P					✔					✔			✔			✔		M													
Carolina Refuse - AML	P		✔	✔	✔	✔	✔			✔	✔						✔						M									
Majesty Mine Complex - AML	P		✔	✔	✔	✔	✔				✔			✔	✔	✔	✔						M									

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Grandstaff Subsidence - AML	P			✓					✓								✓						M								
Glen Morgan (Lilly) Site - AML	P			✓					✓			✓					✓						M								
Viers Highwall - AML	P		✓	✓	✓	✓						✓					✓						M								
Spruce Laurel Stream Flow Monitoring Project - AML	C					✓						✓						M					M								
Summit at Cheat Lake Residential Subdivision	C					✓			✓		✓					✓	✓				M	P					P	P	P	P	
Avery Court	C					✓					✓										M						P	P			
Hurricane Market Place	C																					P			P						
Pison Development - Mineral Wells	C					✓												M				M			P						
Pison Development - Barboursville	C					✓												M				M			P						
Pison Development - Knollview	C					✓							✓					M				M			P						
Pison Development - Cross Roads 2	C					✓							✓					M				M									
Pison Development - Elk Crossings	C					✓												M				M									
Pison Development - Elkins	C					✓							✓					M				M									
Pison Development - Harrisville	C					✓							✓					M				M							P		
Pison Development - Point Pleasant	C					✓												M				M									
Pison Development - Kanawha Court	C					✓												M				M				P					
Pison Development - Church Hill Village	C					✓						✓					✓	M			M								P		
Grove Park - Campus View LLC	C					✓			✓								✓				M	P							P	P	P
North Hills Development - 600-Acre Property	C								✓								✓				M	P									
Kenna Industrial Park	C					✓												M	P			M			P						
Spring Hill	C					✓							✓													P					
Ives - Orchards Manor	C					✓																				P					
Ives - Littlepage Terrace	C					✓																				P					
Ives - Patrick Street	C					✓																				P					
Tucker County Industrial Park	C					✓					✓		✓					M			P		M		P						
Bradshaw Schools	C					✓					✓		✓					M					M			P					
Marrowbone Waterline Extension - AML	P						✓				✓																M				
Ragland Waterline Extension - AML	P						✓				✓																				
Pigeon Creek Phase II Water Study - AML	P						✓				✓																M				
Wayne County Commission - Buffalo Creek Waterline Extension	P						✓				✓																P				
Birch River PSD Waterline Extension	P						✓				✓																P				
Lincoln County Commission - Town of Harts Extension	P						✓				✓																P				
Independence Coal	P						✓				✓						✓														
Nicholas Energy, Inc.	P						✓				✓						✓										P				
WV Bureau for Public Health - Drinking Water Treatment Revolving Fund	P																										M				
WVIJDC - Water Technical Committee	P						✓				✓			✓													M				
WV Bureau for Public Health - Water/Sewer Construction Permit Program	P						✓				✓			✓													M				
WVIJDC Manager	P						✓				✓			✓													P				
Westmoreland Coal Company	P		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓														
Mingo Logan Coal Company	P		✓	✓		✓			✓		✓	✓	✓	✓			✓														
Marfork Coal Company	P		✓	✓		✓	✓				✓	✓	✓	✓	✓	✓	✓														
Elk Run Coal Company	P		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓										P				
Nicholas County Landfill	C										✓							M	P												
Peabody Coal Company	C		✓	✓						✓								M													
Massey Coal Services	C									✓		✓																			
Poor Charlie & Company, Inc.	C									✓		✓																P			
Pace Carbon Fuels, LLC	C									✓		✓	✓					M													
Amherst Industries, Inc.	C									✓		✓																			
Hobet Mining, Inc.	C			✓		✓					✓						✓	M				P									

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Montgomery Landfill	P					✓					✓			✓			✓	M				P		P							
North Fork Landfill	P			✓		✓					✓						✓	P	M			P									
Sycamore Landfill	P												✓					M													
Vaughan Railroad	P												✓				✓	M				P									
CSX Ramp Replacement	P																✓														
S&S Landfill	P					✓					✓						✓	P	P				P					P			
Harwood Mine Complex	P		✓															M	P			P								
Southern Ohio Coal - Pump Tests	P		✓	✓							✓							M	P			P	P								
WVDEP - Fairmont DAC	P			✓	✓	✓			✓		✓	✓	✓	✓			✓			M											
WVDEP - Pepper Portals and Drainage	P		✓	✓	✓	✓	✓				✓	✓	✓	✓			✓			M											
WVDEP - Hilderbrand Highwall	P		✓	✓	✓	✓			✓		✓	✓		✓			✓			M											
WVDEP - Winona Complex	P		✓		✓	✓					✓					✓	✓			P,M											
WVDEP - Dale R. Thrasher	P		✓								✓				✓		✓			P,M											
WVDEP - Wheeling (15th Street)	P					✓					✓									P,M											
WVDEP - Dotson Tipple	P		✓	✓	✓	✓					✓				✓		✓			P,M											
WVDEP - Montana Mines Subsidence	P								✓		✓						✓			P,M											
WVDEP - Pendleton Creek Strip	P		✓	✓	✓	✓					✓					✓	✓			P,M											
WVDEP - Heather Run #2	P		✓	✓	✓	✓					✓		✓	✓	✓	✓	✓			P,M											
WVDEP - Barker Portals and Strip	P		✓	✓	✓	✓					✓		✓	✓		✓	✓			P,M											
WVDEP - Whipering Woods Feasibility Study	P					✓						✓								P,M											
WVDEP - Ruper to Rainelle Feasibility Study	P					✓						✓								P,M											
WVDEP - Shinnston (Osbourne) Subsidence	P								✓		✓									P,M											
WVDEP - Bethlehem (Toothman) Subsidence	P								✓		✓						✓			P,M											
WVDEP - Pallotta Subsidence	P								✓		✓						✓			P,M											
WVDEP - Blackwater (OSM Appalachian Regional Award)	P					✓					✓			✓						P,M											
WVDEP - Shallamar Doser	P													✓						P,M											
WVDEP - Blue Pennant Mine Fire	P		✓	✓	✓	✓	✓	✓			✓				✓		✓			P,M											
WVDEP - Red Hollow Burning Refuse	P		✓	✓		✓	✓	✓			✓				✓		✓			P,M											
WVDEP - Amigo Refuse	P		✓	✓		✓	✓	✓			✓						✓			P,M											
WVDEP - Jamison Burning Refuse	P		✓	✓		✓		✓			✓		✓				✓			P,M											
WVDEP - Amigo Smokeless Impoundment	P		✓	✓	✓	✓	✓				✓				✓	✓	✓			P,M											
WVDEP - Taylor Creek Impoundment (OSM National Award)	P		✓	✓	✓	✓	✓	✓			✓				✓	✓	✓			P,M											
WVDEP - Ohio Avenue	P					✓			✓		✓						✓			P,M											
WVDEP - Robinson Run Landsilde	P		✓	✓		✓					✓				✓		✓			P,M											
WVDEP - Stealey Avenue Subsidence	P								✓		✓						✓			P,M											
WVDEP - Tunnelton Gob	P		✓	✓	✓	✓	✓				✓		✓		✓	✓	✓			P,M											
WVDEP - Slab Camp Run	P		✓	✓	✓	✓					✓				✓	✓	✓			P,M											
WVDEP - Sovern Run	P		✓	✓	✓	✓					✓						✓			P,M											
WVDEP - Ford's Run Refuse	P		✓	✓	✓	✓	✓			✓	✓				✓	✓	✓			P,M											
WVDEP - North Fork Refuse	P		✓	✓		✓					✓									P,M											
WVDEP - Dillan Creek	P		✓	✓	✓	✓					✓			✓			✓			P,M											
WVDEP - Austen Highwall	P		✓	✓	✓	✓					✓					✓	✓			P,M											
WVDEP - Slab Fork Mine Dump	P		✓	✓	✓	✓	✓				✓		✓	✓	✓	✓	✓			P,M											
WVDEP - Edna Refuse	P		✓	✓	✓	✓	✓			✓	✓				✓		✓			P,M											
WVDEP - Piney Creek	P		✓	✓	✓	✓	✓				✓				✓		✓			P,M											
WVDEP - Alderson Branch	P		✓	✓		✓					✓				✓	✓				P,M											
WVDEP - Everettville	P		✓	✓	✓	✓	✓				✓				✓	✓	✓			P,M											
WVDEP - McComas Refuse	P		✓	✓		✓	✓				✓						✓			P,M											
WVDEP - Pierce Refuse	P									✓	✓									P,M											

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WVDEP - Fish Run	P									✔	✔									P,M											
WVDEP - Lamar Refuse	P		✔	✔	✔	✔	✔				✔				✔		✔			P,M											
WVDEP - Indian Ridge	P		✔	✔	✔	✔	✔				✔				✔		✔			P,M											
WVDEP - Davy Branch	P		✔	✔	✔	✔	✔	✔			✔				✔		✔			P,M											
WVDEP - Eckman Refuse	P		✔	✔	✔	✔	✔				✔				✔		✔			P,M											
WVDEP - Horsepen Ridge	P		✔	✔	✔	✔					✔						✔			P,M											
WVDEP - Thomas Northeast	P					✔			✔		✔						✔			P,M											
WVDEP - Thomas Phase II	P								✔		✔									P,M											
WVDEP - Thomas Phase I Subsidence	P		✔	✔	✔	✔				✔	✔						✔			P,M											
WVDEP - Glenwood Hills Subsidence	P								✔		✔						✔			P,M											
WVDEP - Deckers Creek	P					✔						✔		✔		✔				P,M											
MBOM - Kingsland Mine Pool	P					✔					✔						✔			P,M											
MBOM - Kempton Mine Drainage	P			✔		✔					✔			✔			✔			P,M											
MBOM - Shallmar Doser	P		✔			✔					✔			✔			✔			P,M											
MBOM - Jackson Mountain Mine Fire	P		✔	✔		✔		✔			✔		✔				✔			P,M											
MBOM - Spruce Hollow Flood Mitigation	P					✔					✔									P,M											
MBOM - Miller Road Subsidence	P								✔		✔						✔			P,M											
MBOM - Broken Hart Refuse	P		✔			✔	✔				✔						✔			P,M											
MBOM - Ocean Gob Pile	P		✔			✔	✔				✔						✔			P,M											
MBOM - Porter Road Subsidence	P								✔				✔				✔			P,M											
MBOM - Midlothian and Shaft Road Subsidence	P				✔				✔		✔						✔			P,M											
MBOM - Taste Freez Subsidence	P								✔		✔						✔			P,M											
ODNR - Frontz / Folly Mine Fire	P		✔	✔		✔		✔			✔		✔				✔			P,M											
ODNR - Blue Bell Mining Refuse Fire	P		✔	✔		✔		✔			✔		✔				✔			P,M											
ODNR - Enoch Township Impoundment	P		✔			✔					✔						✔			P,M											
ODNR - Pauline Mine Impoundment	P		✔			✔					✔						✔			P,M											
ODNR - Washington Street Subsidence	P								✔		✔						✔			P,M											
ODNR - Nelan Road Subsidence	P								✔		✔						✔			P,M											
ODNR - Bull Run Restoration	P		✔			✔					✔						✔			P,M											
ODNR - Ellesmere Ave. Subsidence I,II,II, & IV	P								✔				✔				✔			P,M											
ODNR - El Camino Subsidence	P								✔				✔				✔			P,M											
ODNR - Van Atta Subsidence	P								✔				✔				✔			P,M											
ODNR - ST RT. 646 Subsidence	P								✔				✔				✔			P,M											
PADEP - Russell Joki Refuse	P		✔			✔					✔						✔			P,M											

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

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

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

APPENDIX C

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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder:	764170
Doc Description:	CEOI - Kempton Refuse Rehabilitation Project
Proc Type:	Central Purchase Order
Reason for Modification:	Addendum No.01

Date Issued	Solicitation Closes	Solicitation No	Version
2020-08-31	2020-09-10 13:30	CEOI 0313 DEP2100000002	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Potesta & Associates, Inc.

Address : 7012

Street : MacCorkle Avenue, SE

City : Charleston

State : WV **Country :** USA **Zip :** 25304

Principal Contact : Dana L. Burns

Vendor Contact Phone: (304) 342-1400 **Extension:** 1127

FOR INFORMATION CONTACT THE BUYER

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

Vendor Signature X Dana L. Burns **FEIN#** 31-1509066 **DATE** September 10, 2020

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

ADDITIONAL INFORMATION

Addendum

Addendum No.01 issued to publish and distribute the attached information to the vendor community.

****

Expression of Interest
(WV DEP Kemton Refuse Project

In accordance with West Virginia Code: 5A-3 and WV Code 5G-1-3, The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The WV. Department of Environmental Protection (WVDEP) from qualified firms to provide architectural/engineering services.
The anticipated contract will be for "full service" A/E design. Aspects of the design are to include, but not be limited to; Civil, Geological and Hydrological.

The successful A/E Firm will be responsible for Design of the following:

. Access or accesses as required.
. Geotechnical analysis.
. Stabilize landslide.
. Hydrologic and hydraulic analyses.
. AMD Passive Treatment System.
. Natural Stream Design.
. Clear and grub affected areas.
. Regrade as necessary.
. Install drainage channels, underdrains, and/or other controls to safely convey water off-site.
. Condition and Revegetate all disturbed areas.
. Obtain required permits as determined at the Pre-Design Meeting.

and other related professional services to design and specify for construction as well as provide construction contract administration, per the bid requirements, specifications and terms and conditions as attached hereto.

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

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

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:
*Dates of Service are estimated for bidding purposes only.

SCHEDULE OF EVENTS

Line	Event	Event Date

	Document Phase	Document Description	Page 3
DEP2100000002	Final	CEOI - Kempton Refuse Rehabilitation Project	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Purchasing Divison
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Expression of Interest
02 — Architect/Engr

Proc Folder: 764170

Doc Description: CEOI - Kempton Refuse Rehabilitation Project

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-08-12	2020-09-10 13:30:00	CEOI 0313 DEP2100000002	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

Potesta & Associates, Inc.
7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

FOR INFORMATION CONTACT THE BUYER

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

Signature X Dana L. Burns **FEIN #** 31-1509066 **DATE** September 10, 2020

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

ADDITIONAL INFORMATION:

Expression of Interest
(WV DEP Kemton Refuse Project

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. Geotechnical analysis.
. Stabilize landslide.
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. AMD Passive Treatment System.
. Natural Stream Design.
. Clear and grub affected areas.
. Regrade as necessary.
. Install drainage channels, underdrains, and/or other controls to safely convey water off-site.
. Condition and Revegetate all disturbed areas.
. Obtain required permits as determined at the Pre-Design Meeting.

and other related professional services to design and specify for construction as well as provide construction contract administration, per the bid requirements, specifications and terms and conditions as attached hereto.

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV25304 US	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US

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

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

*Dates of Service are estimated for bidding purposes only.

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Dana L. Burns Vice President
(Name, Title)

Dana L. Burns, PE, Vice President
(Printed Name and Title)

7012 MacCorkle Avenue, SE, Charleston, WV 25304
(Address)

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

dlburns@potesta.com
(email address)

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

Potesta & Associates, Inc.
(Company)

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

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

September 10, 2020
(Date)

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0313 DEP2100000002

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
[ ] Addendum No. 2	[ ] Addendum No. 7
[ ] 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

Dana L Burns
Authorized Signature

September 10, 2020
Date

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

Attachment "C"

OMB # 1029-0119
Expiration Date: 10/31/2021

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

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

Part A: General Information

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

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

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

Part C: Certifying and updating information in the AVS

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

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

(X) 1. Our business is in the AVS and is accurate, complete, and up-to-date. If you select this option, you must attach an Entity OFT from the AVS to this form. Do not complete Part D.

( ) 2. Our business is in the AVS but needs to be updated. If you select this option you must attach an Entity OFT from the AVS to this form. Use Part D to provide the missing or corrected information.

( ) 3. Our business is not in the AVS and needs to be added. Complete Part D.

September 10, 2020	Dana L. Burns	Vice President
Date	Signature	Title

AVS OFT Report - 8/28/2020 3:41:15 PM

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

Entity Selected (247598) Potesta & Associates Inc

Parent Entity	Relationship	Description	Related Entity	% Ownership	Begin Date	End Date
(247598) Potesta & Associates Inc	Vice President		(247600) Dana L Burns		3/7/1997	
(247598) Potesta & Associates Inc	Shareholder		(247600) Dana L Burns	25%	3/7/1997	
(247598) Potesta & Associates Inc	President		(247599) Ronald R Potesta		3/7/1997	
(247598) Potesta & Associates Inc	Shareholder		(247599) Ronald R Potesta	75%	3/7/1997	
(247598) Potesta & Associates Inc	Vice President		(247601) Laidley Eli McCoy		6/7/1997	12/31/2014

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

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

Name of Authorized Agent: Dana L. Burns, PE, PS **Address:** 7012 MacCorkle Avenue, SE

Contract Number: CEOI 0313 DEP2100000002 **Contract Description:** Kempton Refuse Rehabilitation Project

Governmental agency awarding contract: WVDEP Office of AML&R

☑ **Check here if this is a Supplemental Disclosure**

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

1. **Subcontractors or other entities performing work or service under the Contract**
   ☑ Check here if none, otherwise list entity/individual names below.

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**
   ☐ Check here if none, otherwise list entity/individual names below.
   Ron Potesta
   Dana Burns

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**
   ☑ Check here if none, otherwise list entity/individual names below.

Signature: Dana L. Burns Date Signed: September 10, 2020

Notary Verification

State of West Virginia, County of Kanawha:

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

Taken, sworn to and subscribed before me this 10th day of September, 2020.

Charlene L. Racer
Notary Public's Signature

OFFICIAL SEAL
Charlene L. Racer
Notary Public
State of West Virginia
My Commission Expires
September 09, 2023
638 Eagle Run Road
Scott Depot, WV 25560

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____

Revised June 8, 2018

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

Vendor's Name: Potesta & Associates, Inc.

Authorized Signature: Dana L. Burns Date: September 10, 2020

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 10 day of September, 2020.

My Commission expires September 9, 2023.

AFFIX SEAL HERE

OFFICIAL SEAL
Charlene L. Racer
Notary Public
State of West Virginia
My Commission Expires
September 09, 2023
638 Eagle Run Road
Scott Depot, WV 25560

NOTARY PUBLIC Charlene L. Racer