



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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.

Header 3

General Information

Contact

Default Values

Discount

Document Information

Clarification Request

Procurement Folder: 755110

Procurement Type: Central Purchase Order

Vendor ID: VS0000028116

Legal Name: KLEINFELDER INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 09/03/2020

Response Time: 9:44

Responded By User ID: KleinWV20

First Name: Sami

Last Name: Pretzel

Email: spretzel@kleinfelder.com

SO Doc Code: CEOI

SO Dept: 0313

SO Doc ID: DEP2100000001

Published Date: 8/14/20

Close Date: 9/3/20

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No.01 EO1 - Sardis (Saas) Landslide Project

Total of Header Attachments: 3

Total of All Attachments: 3



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: 755110
Solicitation Description: Addendum No.01 EOI - Sardis (Saas) Landslide Project
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2020-09-03 13:30	SR 0313 ESR08302000000001216	1

VENDOR
 VS0000028116
 KLEINFELDER INC

Solicitation Number: CEOI 0313 DEP2100000001
Total Bid: 0
Response Date: 2020-09-03
Response Time: 09:44:48
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				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments: Firm will be responsible for Design of the following:
. Access or accesses as required.

Extended Description:

*Dates of Service are estimated for bidding purposes only.

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AML CONSULTANT QUALIFICATION QUESTIONNAIRE

Attachment "A"

PROJECT NAME Sardis (Saas) Landslide Project		DATE (DAY, MONTH, YEAR) September 3, 2020	FEIN 94-1532513
1. FIRM NAME Kleinfelder, Inc.		2. HOME OFFICE BUSINESS ADDRESS 550 West C Street, Suite #1200 San Diego, CA 92101	3. FORMER FIRM NAME N/A
4. HOME OFFICE TELEPHONE 619-831-4600	5. ESTABLISHED (YEAR) 1961	6. TYPE OWNERSHIP Individual <u>Corporation</u> Partnership Joint-Venture	6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES <u>NO</u>
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 180 White Oak Blvd, Suite 110 (304) 553-7416 Samantha Pretzel, PE 3 Bridgeport, WV 26330			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Louis Armstrong, CEO Tom Rodriguez, Exec VP East John Murphy, CFO Dan Schauble, VP Area Manager		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Elliott Mallard, Senior Principal Professional, 904-452-5747 Mark Giunta, Principal Professional, 610-366-7120	
9. PERSONNEL BY DISCIPLINE			
300 ADMINISTRATIVE 17 ARCHITECTS 51 BIOLOGIST 52 CADD OPERATORS 3 CHEMICAL ENGINEERS 149 CIVIL ENGINEERS 164 CONS INSPECTORS 50 DESIGNERS 20 DRAFTSMEN	51 ECOLOGISTS — ECONOMISTS 14 ELECTRICAL ENGINEERS 182 ENVIRONMENTALISTS — ESTIMATORS 130 GEOLOGISTS — HISTORIANS 16 HYDROLOGISTS	— LANDSCAPE ARCHITECTS 17 MECHANICAL ENGINEERS 1 MINING ENGINEERS — PHOTOGRAMMETRISTS 10 PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS 18 SOILS ENGINEERS — SPECIFICATION WRITERS	41 STRUCTURAL ENGINEERS 1 SURVEYORS 4 TRAFFIC ENGINEERS 554 OTHER 1845 TOTAL PERSONNEL
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 1</p> <p>*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>			
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

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

<p>NAME AND ADDRESS: Kelly Surveying, PLLC PO Box 254 Dailey, WV 26259</p>	<p>SPECIALTY: Traditional & GPS Survey, Drone Imagery</p>	<p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS: Terra Testing, Inc. 260 Meadowland Blvd Washington, PA 15301</p>	<p>SPECIALTY: Geotechnical Drilling</p>	<p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS: Thrasher, Inc. 600White Oaks Blvd Bridgeport, WV 26330</p>	<p>SPECIALTY: Survey, LiDAR & Planimetric Mapping</p>	<p>WORKED WITH BEFORE <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

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

YES Description and Number of Projects: Kleinfelder's personnel listed in section 13 of this attachment documents previous experience with abandoned mine lands remediation, and mine reclamation engineering for varying regions and types of mining. Specifically, Samantha Pretzel and Nathan DePriest have West Virginia experience for mine site remediation, reclamation and general engineering related to surface and underground coal operations. Kaitlyn Kiehart has an in depth understanding for mine site permitting and inspection experience related to her time as a Mine Inspector out of the Philippi, WV Office for WV Department of Environmental Protection. Total projects related to Kleinfelder's personnel experience is approximately 20 projects. Projects include but are not limited abandoned mine reclamation to facilitate new operations, horizontal drilling program management to confirm abandoned mine works, geotechnical assessment of abandoned mine works for potential subsidence risk, abandoned mine grouting to mitigate subsidence risks, watershed management permitting & site design related to multiple bond forfeiture sites along the Dunkard Creek watershed in Pennsylvania, coal refuse site management and reclamation design, coal mine subsidence investigations and repair plan development, valley fill reclamation design, seep modeling and stability analysis, reclaimed channel design, flood modeling, and contaminant transport modeling.

NO

B. Is your firm experienced in Soil Analysis?

YES Description and Number of Projects: Kleinfelder has considerable depth in regards to geotechnical engineering and soil analysis. Services and capabilities range from general site investigations, earth retention designs, slope stability evaluations, and geohazard evaluation. Kleinfelder currently manages multiple extensive landslide repair programs for large energy clients in the greater West Virginia, Ohio and Pennsylvania area. Total numbers of projects exceed 50 in the last 2-5 years. Scope and responsibilities vary from site investigations that include general geotechnical investigation and soils analysis to geotechnical design generation, construction specifications and plan set compilation. Construction oversight is recommended for any geotechnical design performed by Kleinfelder to ensure that the design is installed correctly, and that any field reports and documentation are complete and help mitigate risk to the client.

NO

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: Kleinfelder has performed extensive stormwater design, floodplain modeling, surface water modeling, groundwater modeling, hydrogeology and structural geologic analysis conducted for surface and underground active and reclaimed mines. Programmatic coverage for some operations has been developed to reduce risk and support permitting needs depending on the Client and their needs. Approximately 25 projects in the last 2-5 years, varying in budget and schedule for national and regional operations in the Eastern United States.

NO

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

YES Description and Number of Projects:

NO Kleinfelder sub-contracts aerial photography/LiDAR mapping to develop contour mapping for projects in the state of West Virginia. Contour mapping is generated from the deliverables provided by the sub-contractors listed in section 14.

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: Kleinfelder staff have worked on multiple domestic waterline design projects, including municipal, private and institutional systems. Projects involved hydraulic analysis, pump sizing calculations, pipeline design and construction oversight for both groundwater and surface water supplies. Staff have been actively involved in 50 projects or more across the eastern United States, a small portion (10 projects) of those were related to the southeastern United States and aquifer degradation because of mining.

NO

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

YES Description and Number of Projects:

NO Personal experience for Kleinfelder personnel included in section 12a and 13 of this attachment, and in Attachment B.

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:
Pretzel, Samantha J. Senior Professional & Project Manager	5	14	3

Brief Explanation of Responsibilities
 Mining Engineer with 15 years of experience in mining and civil applications, experience varies from initial site assessment/development, environmental permitting for active and abandoned operations, construction management and design related to industrial and water transfer and treatment applications, abandoned mine site reclamation and refuse disposal, transportation, as well as power/energy related to linear projects and facilities design. Responsibilities include Bridgeport, WV office management, Project Manager, Kleinfelder Mining Community of Practice (CoP) Leader and Northeast Energy Civil Lead.

EDUCATION (Degree, Year, Specialization)
 BS Mining Engineer, 2006, Surface and Underground Coal Mine Operations & Reclamation
 MBA, 2019 Business Administration & Export Management

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Society of Mining, Metallurgy and Exploration American Society of Civil Engineers National Stone, Sand and Gravel Association	Professional Engineer, 2014, West Virginia Professional Engineer, 2019, Pennsylvania Professional Engineer, 2019, Ohio Other States Available Upon Request

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:
DePriest, Nathan C. Staff Professional	4	4	1

Brief Explanation of Responsibilities
 Civil Engineer with PhD in Hydrology and technical experience in Water Resources. Primarily work on mining and other energy and material resource projects, including sand mines, phosphate mines, rock quarries, solar arrays, pipelines, and well pads. Technical experience includes environmental permitting, hydrologic and hydraulic modeling, surface and grading analysis, stormwater design, stream restoration, site inspections, technical report writing, data management, and map graphics. Research experience includes field data collection of natural landform and hydrologic characteristics, reclaimed landform design, soil sample collection and testing, and surface/groundwater, geotechnical, and contaminant modeling.

EDUCATION (Degree, Year, Specialization)
 BS Civil Engineering, West Virginia University, 2011
 MS Civil Engineering, West Virginia University, 2012, Geotechnical and Hydrologic Analysis of Surface Mine Reclamation
 PhD Civil Engineering, West Virginia University, 2015, Hydrologic and Contaminant Analysis of Surface Mine Reclamation

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
American Society of Civil Engineers	Engineering Intern, 2011, West Virginia

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:
Mallard, Elliott A Senior Principal Professional	0	25	1

Brief Explanation of Responsibilities
 Geologist with +35-years of "cradle to grave" mining and operations experience, ranging from exploration, mine planning, permitting, mine management, reclamation, to site closure. Manage Mining, Civil Engineering and Water Resources for Kleinfelder's FL Area Operations. Previously was Mining Program Manager for Kleinfelder's East Division. Designed and constructed upland and wetland reclamation sites, including stream restoration. Experience includes mining and mining-related projects in FL, GA, AL, MS, SC, NC, TN, TX, UT, NV, VA, PA, AR, Australia, Mexico, New Zealand, and Botswana. Project experience with numerous mines, including mineral sands, aggregate (limestone and granite), sand and gravel, absorbent clay, frac sand, gypsum, phosphate, coal, and gold.

EDUCATION (Degree, Year, Specialization)
 BS Geology, 1983, Western Kentucky University, Mineralogy and Hydrogeology
 MS Geology, 1988, University of Florida, Sedimentology, Economic Geology and Hydrogeology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Member - Society for Mining Metallurgy and Exploration Associate Member - International Institute of Minerals Appraisers	REGISTRATION (Type, Year, State) Licensed Professional Geologist, 1995, FL
--	--

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:
Burkhart, Brian Principal Professional	0	8	10

Brief Explanation of Responsibilities
 Mr. Burkhart has over 22 years of experience in civil engineering, particularly water resources. Typical projects include stormwater and Best Management Practice design, hydrologic and hydraulic modeling, stream restoration and wetland mitigation plans, water and sewer facility design, and erosion and sediment control planning and design. Mr. Burkhart also has experience in the design and preparation of construction drawings and specifications for stormwater, stream and wetland restoration, site development, water and sewer distribution system design, and various environmental projects, including Low Impact Design. Mr. Burkhart has experience with multiple hydrologic and hydraulic models in addition to some water quality models. His construction experience includes construction drawing and bid document preparation, issuing addendums, conducting formal bidding, contractor selection and award, and construction management and oversight.

EDUCATION (Degree, Year, Specialization)
 BS Environmental Engineering, 1996, North Carolina State University, Water Resources

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS North Carolina Water Resources Association American Ecological Engineering Society	REGISTRATION (Type, Year, State) Professional Engineer (PE)-Civil, 2014, GA, Professional Engineer (PE)-Civil, 2014, FL, Professional Engineer (PE)-Civil, 2001, NC
--	---

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:
Giunta, Mark Principal Professional	0	13	0

Brief Explanation of Responsibilities
 Geotechnical Engineer with over 20 years of experience in almost all aspects of soil and rock mechanics. Knowledgeable in site characterization using various geophysical and drilling/sounding techniques, foundation design for shallow and various deep foundation systems, retaining structure and slope design for slides as well as support of excavation, various ground improvement techniques, laboratory analysis, and construction inspection.

Responsibilities include Allentown, PA office management, Project Manager, Geotechnical Engineering Lead.

EDUCATION (Degree, Year, Specialization)
 BS Civil Engineering, 1999, Virginia Polytechnic and State University, Specializing in Geotechnical Engineering, Minor Geological Sciences.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Member - American Society of Civil Engineers	Professional Engineer, 2004, Florida Professional Engineer, 2006, Pennsylvania

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:
Hearn, Doug Senior Hydrogeologist	0	33	0

Brief Explanation of Responsibilities
 Mr. Hearn is a licensed Professional Geologist in Florida with 25 years of experience as a consulting hydrogeologist and 8 years in groundwater modeling/resource assessment at the St. Johns River Water Management District in Palatka, Florida. His professional expertise includes water supply investigation and permitting for mining and water utility projects, wastewater disposal system design and permitting, groundwater modeling, and litigation support/expert testimony. Mr. Hearn has demonstrated excellent project management skills, managing large, multi-discipline projects, while overseeing utility coordination and planning, hydraulic calculations, technical report writing, construction administration, contractor coordination, client contact, and regulatory permitting.

EDUCATION (Degree, Year, Specialization)
 BS Geology, 1984, University of Florida
 MS Geology, 1987, University of Florida, Geophysics and Hydrogeology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Member - America Water Resources Association, Florida Section Member - Southeastern Geological Society	Licensed Professional Geologist, 1991, FL

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:
James Cosgrove Senior Principal Professional	0	15	0

Brief Explanation of Responsibilities
 Mr. Cosgrove is a recognized expert in the fields of water quality modeling; wastewater, watershed, and stormwater management; and litigation support. His experience includes managing dozens of water quality monitoring and modeling projects, watershed and wastewater management planning efforts, NPDES permitting studies, TMDL studies, stormwater management and BMP designs, and environmental impact assessment projects. He also has managed numerous dilution studies and has broad experience in developing appropriate dilution factors and water quality-based effluent limits.

EDUCATION (Degree, Year, Specialization)
 BS Civil Engineering, 1986, Lafayette College, PA
 MS Environmental Engineering, 1987, Cornell University, NY

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Assoc of Environmental Authorities - NJPDES Permit Committee New Jersey Clean Water Council Water Environment Federation - TMDL Workgroup	Licensed Professional Engineer, NJ

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:
Kiehart, Kaitlyn M Project Professional	0	2	0

Brief Explanation of Responsibilities
 Environmental scientist with 9 years of watershed, wetland, and permitting experience with 2+ years with the WV DEP Division of Mining and Reclamation as an Environmental Inspector. Experience at the WV DEP included inspection of coal mines for environmental compliance, permit review, water sampling, and working closely with AML and other DEP offices to facilitate permit forfeiture and complaint investigation. Experience also includes state and federal permitting for a variety of clients. Current mining experience includes completion of groundwater inventories and groundwater sampling for deep mines in WV.

EDUCATION (Degree, Year, Specialization)
 BA Biology, 2010, West Virginia University
 MAg Agriculture, Forestry, & Consumer Sciences, 2011, West Virginia University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	REGISTRATION (Type, Year, State)
Member - Society of Wetland Scientists	Licensed Remediation Specialist, 2015, WVDEP Professional Wetland Scientist, 2016, SWS

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

Microsoft Office (Word, Excel, PowerPoint and Outlook)

ArcGIS

AutoCAD Civil 3D

AutoCAD/Carlson Suite

MicroStation

HydroCAD

SED-CAD

HEC-RAS

ICPR

gINT

Plaxis

Ensoft Suite (APile, LPile, GROUP, SHAFT)

GEOStudio Suite (Slope/W, Seep/W, Sigma/W, Quake/W)

RocScience Suite (Slide, RSPile, RocData, Settle3D, Swedge)

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
Dolly Slide Mitigation, Geotech/Civil Design Bridgeport, WV	FirstEnergy Corp Fairmont, WV	Geotechnical Investigation, Landslide Repair Plans & Specifications (5 Total), Construction Oversight	\$750,000	10%
Equitrans OVC Slide Repair Program, Geotech/Civil Wetzell & Marshall County, WV	Equitrans Midstream Canonsburg, PA	Geotechnical Investigation, Landslide Repair Plans & Specifications, Construction Oversight	\$1,500,000 annually	On-Call
Snyder Substation Civil/Environmental Williams County, OH	FirstEnergy Corp Akron, OH	Geotech/Soil Analysis, Civil Site Design, Stormwater Permits, Access Permits and Construction Oversight.	\$1,500,000	0%
Edon Substation Civil/Environmental Williams County, OH	FirstEnergy Corp Akron, OH	Civil Site Design, Access Permits and Construction Oversight.	\$750,000	0%
Archbald Distribution Center, Geotech/CoMET Nanticoke, PA	Northpoint Development Riverside, MO	Geotechnical Engineering, Construction oversight and materials testing, developed and oversaw extensive mine grouting operation to mitigate subsidence risks to client.	\$80,000,000	80%
Rausch Creek Business Park, Geotech/CoMET Pine Grove, PA	Viridian Partners Highlands Ranch, CO	Geotechnical Engineering, Project still in design development completing assessment of mining operations and potential subsidence risk, and mitigation efforts (if required).	\$250,000,000	0%

Texas Quarry - Floodplain Analysis Hunt Valley, MD	Martin Marietta Raleigh, NC	Cross sectional survey for verification of floodplain modeling, conceptual design for mitigation to control flooding along critical mine infrastructure.	\$200,000	10%
Humboldt Lot 9 NW Geotech/CoMET Hazelton Twp., PA	Confidential Client	Geotechnical engineering, including assessment of mining operations and potential subsidence risk, and mitigation efforts (DDC for stabilization of surface mines and collapse of shallow deep mine entrances and rooms).	\$200,000,000	5%
Clinton Quarry Pond Design Civil/CoMET Clinton, SC	Hanson Aggregates Clinton, SC	Pre and Post Construction surface modeling to facilitate floodplain permits, Construction Oversight of pond/impoundment installation	\$250,000	75%
Clinton Quarry Civil/Mine Planning Clinton, SC	Hanson Aggregates Clinton, SC	Overburden Stockpile & Reclamation Mine Plans. Phased civil design for 8.2 million cubic yards of material.	\$5,000,000	10%
On-Call Compliance & Permitting Services for Vulcan Materials	Vulcan Materials Company Birmingham, AL 35238	On-Call permitting, compliance, hydrology and design services for multiple operations.	\$2,500,000	On-Call
Petro & Refinery Remediation Services United States	Confidential Client	Environmental site assessment, groundwater modeling and monitoring, Remediation and site redevelopment program	\$50,000,000	On-Call

Wollaston Station Environmental Assessment and Management Quincy, MA	Massachusetts Bay Transportation Authority (MBTA) Quincy, MA	Environmental Site Assessment, Management of Waste and Compliance through Construction, Assessment of Environmental Risk for Changing Site Conditions	\$4,100,000	50%
<i>Additional Projects can be provided upon request.</i>				
TOTAL NUMBER OF PROJECTS: 13 have been provided			TOTAL ESTIMATED CONSTRUCTION COSTS: \$596,550,000	

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)
Corrigan Ranch Quarry Soft rock limestone quarry Design and Permitting Vero Beach, FL	Stewart Materials, LLC Ft. Pierce, FL 33496	\$411,000.00	2016-2020	In Progress
Boar Hammock Mine (Lykes) Sand Mine Design and Permitting Florida	Stewart Materials, LLC Ft. Pierce, FL 33496	\$134,850.00	2018	In Progress
Grandin Sand Plant Lower Floridan Aquifer Well Florida	Vulcan Materials Company Birmingham, AL 35238	\$400,000.00	2016-2018	Yes
SDI Quarry Limestone Quarry Design and Permitting Florida City, FL	SDI Aggregates, LLC dba Blue Water Industries Jacksonville, FL 32202	\$275,000	2016	In Progress
Trail Ridge South Mine Surface Mine Permit & Compliance Management Bradford/Clay County, FL	The Chemours Company FC, LLC Wilmington, DE	Mine Permitting Engineer of Record	2020	NO
North Maxville Mine and CR 228 Re-Alignment Surface Mine Permit & Civil Design Baker County, FL	The Chemours Company FC, LLC Wilmington, DE	Mine Permitting Engineer of Record	2019	NO
Amelia A&B Mine Surface Mine Permit & Compliance Management Wayne County, GA	The Chemours Company FC, LLC Wilmington, DE	Mine Permitting Engineer of Record	2017	In Progress
Maxville Mine Surface Mine Permit & Compliance Management Duval, Bradford and Clay Co, FL	The Chemours Company FC, LLC Wilmington, DE	Mine Permitting Engineer of Record	2015	YES
Charlton Municipal Water System Expansion Contamination Assessment, Remediation, Water System Design & Construction Oversight Charlton, MA	Town of Charlton, MA	\$26,400,000	2018-2020	In Progress

OVC Pipeline Slide Repairs Geotechnical Investigations, Repair Plans & Specifications Wetzel County, WV	Equitrans Midstream Canonsburg, PA	\$1,250,000 estimated	2019	YES
OVC Pipeline Slide Repairs Geotechnical Investigations, Repair Plans & Specifications Wetzel County, WV	Equitrans Midstream Canonsburg, PA	\$850,000 estimated	2018	YES
FirstEnergy Slide Program Geotechnical Investigations, Repair Plans & Specifications WV, PA and OH	FirstEnergy Corp Akron, OH	\$3,000,000 estimated *Multiple Sites in Multiple States	2014- 2020	YES
Wareham Maple Springs Water Treatment Plant Water Treatment for Iron & Manganese Wareham, MA	The Wareham Fire District (WFD) Wareham, MA	\$10,900,000	2018- 2020	YES
Folly Hill Tank Chlorine Station System Modeling & Treatment Facility Design Danvers, MA	Town of Danvers Water Department Danvers, MA	\$350,000	2020	In Progress
<i>Additional Projects can be provided upon Request.</i>				

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
<i>None Provided, Kleinfelder is typically Prime for their projects.</i>					

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.

Through our diverse history within the mining, environmental remediation, and water sectors, Kleinfelder is bringing the depth and level of engagement of an international firm to the local level. We do this through both the firm and the individuals that have been included in our supporting documentation, as well as the pool of resources company wide that are available to support our proposed team. Kleinfelder is proposing to manage the West Virginia Abandoned Mine Lands Program out of our local Bridgeport, WV office that is centralized to the current Agency locations throughout the state. Under the leadership of Samantha Pretzel, PE (15+ years of industry experience in the Northern WV coal fields), Elliott Mallard, PG (35+ years of mining industry and reclamation experience) and Dr. Nate DePriest (Ph.D. from WVU in Hydrologic and Contaminant Analysis of Surface Mine Reclamation), Kleinfelder has positioned itself to not only meet the needs of the Agency but bring a level of quality and fit for purpose solutions to the projects that is supports.

Kleinfelder has been engaged in the mining and aggregate industry since our founding over 50 years ago. Our involvement has ranged from entitlement services, natural resource investigations, mine planning, civil and geotechnical engineering, water resources (surface and ground), local and state permit assistance, air permitting Title V, construction oversight and materials testing, permit compliance monitoring, mine site remediation, and reclamation/closure. Since then we have grown to be a multi-national provider, with an emphasis on Client and long-term relationships. Our dedication to providing exceptional client service is exemplified by an 85% repeat client factor. To accomplish this requires a strong commitment to quality and safety, maintaining top technical resources, and ensuring efficient and cost-effective solutions. With our ability to be responsive in providing services, and our high level of knowledge and expertise, Kleinfelder brings value to our clients' projects that can be realized in savings of time and capital.

With approximately 1,900 professional resources, our staff spans a broad range of technical disciplines. We are highly integrated as a workforce, and though we are an international firm, our mantra is "One Company". We bring our most qualified specialists to bear when addressing our clients' needs, regardless of their location. Our One Company culture and use of Web-based collaboration tools allow us to seamlessly incorporate expertise from multiple locations, providing our clients with the most appropriately qualified resources for their specific project needs.

20. The foregoing is a statement of facts.

Signature: _____

Title: Vice President

Date: September 3, 2020

Printed Name: Daniel Schauble

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C=Corp. P=Personnel	Additional Info Provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS														PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional									
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation Mitigation & Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Samantha Pretzel, PE	Nate DePriest, EIT	Elliott Mallard, PG	Mark Giunta, PE	Kaitlyn Kiehart, LWS, LRS	Brian Burkhardt, PE	James Cosgrove, PE	Doug Hearn, PG	Kleinfeider, Inc.
Crafts Run Mitigation Project	P		X							X		X	X				M/P									
Dunkard Creek Watershed Management Plan	P		X	X	X	X				X		X	X	X	X		M/P									
Titus Deep Mine - Stream Restoration	P					X	X		X	X		X			X	X	M/P									
Pittsburgh Mine Pool Dewatering System	P				X	X				X		X	X	X			M/P									
Groundwater Seepage Modeling & Valley Fill Design	P		X			X										X		P								
Conventional Valley Fill Surface Mine Reclamation Analysis	P		X			X									X	X		P								
Royal Scot Coarse Coal Refuse Facility	P		X			X				X			X			X		P								
WV DEP - AML & Mining Coordination	P		X	X	X			X	X		X		X	X	X						P					
Charlton Municipal Water System	C	SEC. 15				X				X	X	X	X	X		X									M/P	
Archbald Distribution Center	C	SEC. 15		X					X		X					X				P					M/P	
Rausch Creek Business Park	C	SEC. 15		X					X		X					X				P					M/P	
Texas Quarry	C	SEC. 15				X			X								P					M/P			P	
Humbolt Lot 9 NW	C	SEC. 15		X					X		X					X				P					M/P	
Chemours - National Environmental Compliance Contract	C	SEC. 17	X			X	X		X		X	X	X	X	X	X		P	M/P			P	P	P	M/P	
Vulcan Materials - National Environmental Compliance Contract	C	SEC. 17	X			X	X		X	X	X	X	X	X	X	X		P	M/P			P	P	P	M/P	

* 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.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

KLEINFELDER, INC
Company

[Signature]
Authorized Signature

9/1/2020
Date

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