# Lake County, Florida As Needed Geologic and **Hydrogeological Services**

RFP #22-903 October 12, 2021









3663 Lake Center Drive Mount Dora, FL 32757 Phone: 352.383.1444 www.kleinfelder.com

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#### Lake County, FL Geologic and Hydrogeologic Services (22-903) Kleinfelder | 1.2

October 12, 2021

Lake County Procurement Services 315 W. Main Street 4th Floor, Room 441 Tavares, Florida 32778

# SUBJECT: Statement of Interest and Understanding - Request for Proposal (RFP) #22-903: Geologic and Hydrogeologic Services

Dear Lake County:

Kleinfelder Southeast, Inc. (Kleinfelder) is pleased to submit our statement of interest and understanding of project for Request for Proposal (RFP) #22-0903: Geologic and Hydrogeological Services. Kleinfelder welcomes the opportunity to continue providing Lake County with consulting services in support of the Lake County Public Works Department, Solid Waste Division's environmental monitoring efforts at its Solid waste management facilities.

Kleinfelder is an established environmental and engineering consulting firm providing a wide range of services to both the private and public sectors nationally. Kleinfelder has been providing environmental and engineering services, for more than 20 years and is familiar with the local issues and constraints that the County may face. We have extensive technical expertise in monitoring and assessment of solid waste management facilities that uniquely positions Kleinfelder to effectively and efficiently the Department's projects. We have previously demonstrated with Lake County our ability to expedite projects as needed and deliver with quality, confidence, and speed. Additionally, we understand the importance of communication with the County throughout the lifecycle of a project and have a robust safety culture that allows us to not only deliver efficiently, but safely.

Kleinfelder has three Florida offices located in Mount Dora, Tampa, and Jacksonville, with a total of more than 50 professional scientists, ecologists, engineers, geologists, and administrators. With our relevant expertise and 20+ year history with Lake County and local municipalities, Kleinfelder has the ability to deliver the services requested in the Scope of Work associated with this RFP. Kleinfelder does not plan to subcontract any of the listed services; however, we do have a pool of qualified vendors who have satisfied our loss prevention and safety requirements. We may call upon these select vendors from time-to-time if needed and approved by the County, to perform ancillary services. Additional details regarding these ancillary services are provided in Section 5.

# **Project Understanding**

It is anticipated that the Lake County Public Works Department, Solid Waste Division will request Geologic and Hydrogeologic services in support of environmental monitoring and assessment of the Lake County Central Solid Waste Management and the Umatilla Landfill Facilities.

Services included in the scope of work for the Request for Proposal (RFP 22-903) comprise, but may not be limited to the following:

- Provide professional geologic and hydrogeologic services, monitoring plan design, contamination assessments, and similar tasks
- o Review of monitoring well data
- Preparing technical reports
- o Development of recommendations on behalf of the County
- Oversight of new monitor well installation
- o Repair recommendations to existing monitoring wells
- Obtaining permits on behalf of the County
- Provide oversite of monitoring well installation, repair and abandonment

We understand the County will provide laboratory analysis, GIS files, sampling and water level data, and survey information.

References for projects with similar services to those listed in the RFP scope of work, and completed within the last 5 years, are provided in Section 1.

Tasks will be required to be completed in a timely fashion with close coordination required between the County Project Manager and Consultant. Previous experience in providing these types of services requires sufficient staff and resources so that multiple Task Orders can be conducted concurrently. In addition, accurate technical standards are required to be maintained, as well as the ability to provide innovative solutions to problems in a cost-effective manner.

Kleinfelder is excited about the opportunity to continue our relationship with Lake County and looks forward to working again with the County if selected for the subject contract.

Respectfully,

Kleinfelder Southeast, Inc.

Chryl DeCrenza VP / Florida Area Manager

# Firm Profile / Firm History

Kleinfelder Southeast, Inc. (Kleinfelder) (formerly known as LPG Environmental & Permitting Services (LPGEPS) is an established engineering and environmental consulting firm providing a wide range of environmental services to both the private and public sectors. Originally incorporated in 1998 in Lake County, LPGEPS joined Kleinfelder in January 2011 to expand Kleinfelder's environmental services into Florida.

Kleinfelder's three Florida offices (Mount Dora, Tampa, and Jacksonville) are well established and have been providing wetland, protected species, environmental permitting, site assessment and remediation, ecological restoration, and land management services to both the public and private sectors since 1998. Additionally, Kleinfelder's Florida team has expanded our water resources services to include geotechnical and construction services as well as hydrologic modeling and assessments to support environmental permitting as needed. Our staff has a proven track record in accurately assessing and evaluating project requirements, identifying and understanding all applicable rules and regulations, maintaining a professional reputation with regulatory agency personnel, meeting project objectives and exceeding clients' expectations.

Kleinfelder has been providing environmental studies and services to Lake County since 2013 under the current On-Call Environmental Continuing Services contract. Prior to this, our local team worked with Lake County departments, as well as local municipalities through various on-call and project specific contracting mechanisms since the 1990s. Our staff has successfully conducted over 100 projects for various County Departments that include Phase I and II Environmental Site Assessments, contaminant screening studies, due diligence assessments, wetland delineations, vegetation surveys, wetland mitigation design, biological surveys for threatened and endangered species, including incidental take permitting, habitat conservation plans and habitat management plans for these species, as well as gopher tortoise permitting and relocations. Additionally, we have extensive experience conducting regulatory permitting with the St. Johns River Water Management District (SJRWMD), Florida Fish and Wildlife Conservation Commission (FFWCC), U.S. Army Corps of Engineers (ACOE), and U.S. Fish and Wildlife Service (USFWS) for projects within Lake County. Some of these services have been completed on stand- alone projects, others have been as sub-contractors to the civil engineering firms in support of Lake Countyprojects.

Furthermore, Kleinfelder has also successfully provided consultant services for the City of Tavares, City of Mount Dora and the Lake County School Board over the past 10-15 years. Services provided to these municipalities include wetland mitigation monitoring, wetland delineations, environmental resource permitting, ACOE permitting, sub-contractor coordination for wetland plantings and nuisance treatment, permit compliance coordination, mitigation negotiation with agencies and preparation of study plans for grant compliance, petroleum storage tank closure, removal and assessment, Phase I and Phase II ESAs, soil boring and monitoring well installation, soil, sediment, surface water, and groundwater contamination assessment, remediation, and post remediation monitoring.

Kleinfelder has a dedicated group of key personnel to manage and deliver services under this contact. The service lines and subject matter experts for each of these services lines is provided on the following page.

SERVICE LINE	NAME	TITLE	TEAM MEMBERS
Site Assessment and Remediation	Don Barfield	Environmental Program Manager	Alan Blackwell, Project Manager Tyler Gay, Project Manager Claire Fraley, Project Geologist Nicole Celander, Project Geologist Walker Taylor, Environmental Scientist
Water Resources / Hydrology / GIS Mapping and CAD Analysts and Mining	Elliott Mallard, P.G.	-	Nate DePriest, P.E., Water Resources Engineer Narongsak Lawrence, Sr. GIS Analyst Barasa Wangusi, Ph.D., Water Resources
Geotechnical Services	Thomas Grimm, P.E.	Senior Geotechnical Program Manager	Laura Martins, Engineering Geologist Brian Townsend, Senior Technician

Attachment 3- References Form

#### **ATTACHMENT 3 – REFERENCES FORM**

List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

#### Kleinfelder Southeast, Inc.

PROJECT NAME: City of Mount Dora Petroleum Storage Tank Closure and Assessment / Interim Soil Source Removal Agency: City of Mount Dora Address: 1250 N. Highland Street City, State, Zip code: Mount Dora, Florida, 34757 Contact Person: Chet Cramer Title: Construction Project Manager Email: cramerc@ci.mount-dora.fl.us Telephone: (352) 901-7805 (mobile) Project Cost: \$43,500.00 Contract Start and End Dates: October 1, 2020 through January 13, 2021 SCOPE of Project (list tasks, outlines or descriptions of items): Kleinfelder is providing on-going assistance with responses to a National Pollutant Discharge Elimination System (NPDES) compliance audit performed jointly by the U.S. Environmental Protection Agency (EPA) and the Florida Department of Environmental Protection (FDEP) at the four Chemours Florida facilities. Work includes updates to multiple prevention plans, such as; Best Management Practice plan (BMP), Spill Prevention, Control and Countermeasures plan (SPCC), Stormwater Pollution Prevention Plan (SWPPP). Additional assistance provided includes working with Chemours staff to complete onsite engineering reviews of existing stormwater structures and ponds, creation of stormwater improvement plans, design of groundwater studies to further investigate process water pond seep concerns. Kleinfelder scientists, geologists and engineers have completed a full suite of entitlement services in support of this new proposed  $\pm 2,900$  acre greenfield mine site. Work began with a comprehensive Constraint Analysis in 2012 that included field assessments of surficial groundwater, natural and cultural resources, as well as a review of state, federal and local municipal development regulations. Work has continued into the planning, entitlement, and design process.Kleinfelder has completed / is supporting the following work in support of this project: Geotechnical analysis in support of the construction of a new mineral separation plant. Bradford County mining special exception application preparation and support at county hearing, completed/ approved· State (FDEP) and Federal (U.S. Army Corps of Engineers, ACOE) wetland delineation approvals, completed. State (FDEP) stormwater permit application for proposed mineral separation plant site, work on-going State (FDEP) mining application submittal, work ongoing. State (FDEP) Industrial Wasterwater discharge permit application, work on-going. Federal (ACOE) mining application, work on-going.

#### PROJECT NAME: US Foundry

Agency: Oertel, Fernandez, Bryant & Atkinson, P.A Address: 8351 NW 93rd Street City, State, Zip code: Medley, Florida 33166 Contact Person: Segundo Fernandez

Title: Partner

Email: sfernandez@ohfc.com

Telephone: 850-544-5300

Project Cost: \$200,000.00

Contract Start and End Dates: April 2019 to On-going

SCOPE of Project (list tasks, outlines or descriptions of items): Determine groundwater conditions in order to delineate any contaminant impact plume and indicate through empirical data whether soil source material may have contributed over the years to groundwater impacts at the facility. Sampling results were used to demonstrate the fulfillment of Consent Order terms and facilitate a major real estate transaction including one of the World's largest steel foundries. Additional services included Groundwater base line assessments, stormwater management system evaluation and solutions and a GIS model of site impacts/ conditions.

PROJECT NAME: Grandin Sand Mine, Lower Floridan Aquifer Well Installation and Aquifer Performance Test

Agency: Vulcan Materials Company

Address: 10151 Deerwood Park, Suite 120

City, State, Zip code: Jacksonville, FL 32256

Contact Person: Traci Johns

Title: Environmental Specialisit

Email: johnst@vmcmail.com

Telephone: 904-482-2457

Project Cost: \$300,000.00

Contract Start and End Dates: January 31, 2016 to December 13, 2018

SCOPE of Project (list tasks, outlines or descriptions of items): In February 2016, Vulcan Materials Company (VMC) and St. Johns River Water Management District (SJRWMD) agreed to a public-private funded partnership project at VMC's 1,131-acre Grandin Sand Mine in Putnam County, FL. The purpose of the partnership was to replace mine production well groundwater withdrawals from the Upper Floridan Aquifer (UFA) with a production well accessing the Lower Floridan Aquifer (LFA). VMC's Grandin Sand Mine has held a consumptive use permit for more than 30 years and currently uses water from the UFA to process sand and maintain water levels in its dredge lake, as well as for typical domestic water use for employees and minor landscape irrigation. The project included construction of an LFA Pumping Well (PW - 1,250 feet), construction of an LFA Monitoring Well (MW - 860 feet) and a 72-hour Aquifer Performance Test (APT) and water quality testing on the PW. If the results of the APT were successful, the CUP would be modified to convert UFA to LFA withdrawals at the Grandin Sand Plant. SJRWMD will benefit from the data that will be collected from the MW, which is the first LFA MW ever installed in Putnam County. Moving groundwater withdrawals from the UFA to the LFA has the potential to benefit those lakes, rivers, streams and wetlands that have a hydrologic connection to the UFA, and supports SJRWMD's minimum flows and levels (MFL's) prevention/recovery strategy goals.Drilling and construction of the LFA PW was conducted from June 2016 to February 2017, while the LFA MW was completed from October 2016 to February 2017. Data from the APT was collected from February 7 to February 20, 2017. Based on the results of the APT and water quality testing the CUP was modified for the use of the LFA PW for the Vulcan Grandin Sand Mine on August 9, 2017.

PROJECT NAME: Chemours Mines, North Florida

Agency: The Chemours Company FC, LLC

Address: 522 Treat Road

City, State, Zip code: Starke, Florida 32091

Contact Person: Connie Henderson

Title: Environmental Manager- Florida Operations

Email: connie.henderson@chemours.com

Telephone: 904-964-1327

Project Cost: \$750,000.00 per year

Contract Start and End Dates: 2005 to on going

SCOPE of Project (list tasks, outlines or descriptions of items): Kleinfelder is providing on-going assistance with responses to a National Pollutant Discharge Elimination System (NPDES) compliance audit performed jointly by the U.S. Environmental Protection Agency (EPA) and the Florida Department of Environmental Protection (FDEP) at the four Chemours Florida facilities. Work includes updates to multiple prevention plans, such as; Best Management Practice plan (BMP), Spill Prevention, Control and Countermeasures plan (SPCC), Stormwater Pollution Prevention Plan (SWPPP). Additional assistance provided includes working with Chemours staff to complete onsite engineering reviews of existing stormwater structures and ponds, creation of stormwater improvement plans, design of groundwater studies to further investigate process water pond seep concerns. Kleinfelder scientists, geologists and engineers have completed a full suite of entitlement services in support of this new proposed  $\pm 2,900$  acre greenfield mine site. Work began with a comprehensive Constraint Analysis in 2012 that included field assessments of surficial groundwater, natural and cultural resources, as well as a review of state, federal and local municipal development regulations. Work has continued into the planning, entitlement, and design process.Kleinfelder has completed / is supporting the following work in support of this project: Geotechnical analysis in support of the construction of a new mineral separation plant. Bradford County mining special exception application preparation and support at county hearing, completed/ approved· State (FDEP) and Federal (U.S. Army Corps of Engineers, ACOE) wetland delineation approvals, completed. State (FDEP) stormwater permit application for proposed mineral separation plant site, work on-going State (FDEP) mining application submittal, work ongoing. State (FDEP) Industrial Wasterwater discharge permit application, work on-going. Federal (ACOE) mining application, work on-going. Kleinfelder has recently completed goundwater modeling (seepage studies) for the Trail Ridge and Highland Pond Systems. Kleinfleder also provides mine planning and reclamation designs for the Chemours minng operations.

PROJECT NAME: Lennar Homes, LLC Portfolio Agency: Lennar Homes, LLC Address: 9440 Phillips Highway, Suite 7 City, State, Zip code: Jacksonville,FL 32256 Contact Person: Danielle Mayoros Title: Land Acquisition Manager Email: danielle.mayoros@lennar.com Telephone: 904-380-0779

Project Cost: Yearly on going conract \$500,000.00

Contract Start and End Dates: June 2018 to Current

SCOPE of Project (list tasks, outlines or descriptions of items): Kleinflder has provided Due Diligence studies, Phase I Site Assessments, limited Phase II Site Assessment as well as soil and groundwater remediation plans for over 200 site throught out Florida. Kleinfelder has also conducted Iterim Source Removals as well as comtamination remdiation for multiple sites in South and Central Florida

# Program Manager and Company/Staff Licenses

Mr. Barfield is to serve as the Program Manager. Additional information on Mr. Barfield's qualifications to fulfill this role are provided within **Section1.** All required licenses and registrations to conduct the required scope of work will be maintained throughout the course of the contract. Copies of Kleinfelder's as well as key personnel's applicable permits/certifications are included in **Section 1**, and include but are not limited to:

- Kleinfelder Southeast, Inc. evidence of current licensure by the state of Florida.
- o Elliott Mallard, P.G. Licensure by the state of Florida
- o Nate DePriest, P.E. Licensure by the state of Florida
- Thomas Grimm, P.E. Licensure by the state of Florida
- o Kleinfelder Local Business Tax for the Mount Dora office

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Search for a Licensee		10.36.27 AM 6/8/202
Apply for a License View Application Status	Licensee Details	
AB&T Delinquent	Licensee Information	
Invoice & Activity List Search	Name: Main Address:	KLEINFELDER SOUTHEAST, INC. (Primary Name) 550 WEST C STREET SUITE 1200 SAN DIEGO California 92101
	County:	OUT OF STATE
	License Mailing:	
	LicenseLocation:	7343 WEST FRIENDLY AVENUE, SUITE B GREENSBORO NC 27410
	County:	OUT OF STATE
	License Information	
	License Type:	Registry
	Rank:	Registry
	License Number:	4793
	Status:	Current
	Licensure Date:	09/15/1987
	Expires:	
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Search for a Licensee Apply for a License View Application Status Find Exam Information File a Complaint AB&T Delinquent Invoice & Activity List Search	Licensee Details Licensee Information Name: Main Address: County: License Mailing: LicenseLocation:	MALLARD, ELLIOTT ALLEN (Primary Name) KLEINFELDER INC; KLEINFELDER SOUTHEAST INC (DBA Name) 180 CHIAPPINI FARM ROAD HAWTHORNE Florida 32640 ALACHUA	10:39 12 AM 6/8/202
	License Information		
	License Type: Rank: License Number: Status: Licensure Date: Expires:	Professional Geologist PG PG1825 Current,Active 08/18/1995 07/31/2022	
	Special Qualifications	Qualification Effective	
	Alternate Names		
	View Related License Information View License Complaint		
		2601 Blais Chang Band, Tallaharran El. 22200 y Emply Curbanan Contact Contact y Octomer Contact 250 457 1205	

#### **Licensee Details**

#### **Licensee Information**

Name:	DEPRIEST, NATHAN CORY (Primary Name)
Main Address:	1434 VASSAR ST ORLANDO Florida 32804
County:	ORANGE

License Mailing:

LicenseLocation:

#### **License Information**

License Type:	<b>Professional Engineer</b>
Rank:	Prof Engineer
License Number:	90460
Status:	Current, Active
Licensure Date:	12/17/2020
Expires:	02/28/2023
-	

Special Qualifications Civil Qualification Effective 01/09/2020

#### **Alternate Names**

#### View Related License Information View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: Customer Contact Center :: Customer Contact Center: 850.487.1395

The State of Florida is an AA/EEO employer. Copyright 2007-2010 State of Florida. Privacy Statement

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. \*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Ron DeSantis, Governor





# **STATE OF FLORIDA**

# **BOARD OF PROFESSIONAL ENGINEERS**

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



# LICENSE NUMBER: PE78006

# **EXPIRATION DATE: FEBRUARY 28, 2023**

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Kleinfelder | 1.16

#### LOCAL BUSINESS TAX

City of Mount Dora 510 N. Baker Street Mount Dora, FL 32757-0176 Phone: (352) 735-7112 Your Business Tax Receipt can now be paid online. Go to: www.cityofmountdora.com and click on "Online Bill Pay"

Online PIN: 159998D

FEIN #:

VALID PERIOD:	September 29, 2021	то	September 30, 2022	
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#### **BUSINESS LOCATED:**

3659 LAKE CENTER DR

BUSINESS TAX NUMBER: 22-00004718

STATE LICENSE NUMBER(S):

ISSUED TO: KLEINFELDER SOUTHEAST, INC 3663 LAKE CENTER DR

MOUNT DORA, FL 32757

Fee Description:	Amount Billed:	Amount Paid:
BUSINESS TAX RECEIPT	30.00	30.00
FIRE INSPECTION FEE (FEE SCHEDULE AS OF 09/19/2019)	150.00	150.00



Tax Fee Paid:\$180.00Amount Due:\$0.00This is for your records - DO NOT PAY

#### LICENSE CATEGORY:

#### PROFESSIONAL SERVICES (OFFICE ONLY)

THIS IS YOUR RECEIPT - PLEASE RETAIN FOR YOUR RECORDS. THE BOTTOM PORTION SHOULD BE TORN OFF AND DISPLAYED IN A PROMINENT LOCATION AT YOUR BUSINESS

The City of Mount Dora reserves the right to revoke or cancel this license per standards set forth in Section 26.170 of the City of Mount Dora Code of Ordinance

City of Mount Dora 510 N. Baker Street	LOCAL BUSINESS TAX	BUSINESS TAX NUMBER:	
Mount Dora, FL 32757-0176 Phone: (352) 735-7112		22-00004718	
VALID PERIOD:	September 29, 2021 TO	September 30, 2022	
BUSINESS CATEGORY: CONSULTING BUSINESS LOCATED: 3659 LAKE CI ISSUED TO: KLEINFELDER SOUTHEAST, INC		Tax Fee Paid:\$180.Amount Due:\$0.This is for your records - DO NOT PAY	.00
3663 LAKE CENTER DR MOUNT DORA, FL 32757		Approved and Issued by the City of Mount Dora Planning and Development Office	



# FORMS

This section contains the following forms:

- o Attachment 1
- o Attachment 4
- Sunbiz.org Registration
- W-9 Form
- o Completed Addenda
- o Proof of Insurance

#### ATTACHMENT 1 – SUBMITTAL FORM

The undersigned hereby declares that: Kleinfelder Southeast, Inc. has examined and accepts the specifications, terms, and conditions presented in this Solicitation, satisfies all legal requirements to do business with the County, and to furnish **As Needed Geologic and Hydrogeologic Services** for which Submittals were advertised to be received no later than 3:00 P.M. Eastern time on the date stated in the solicitation or as noted in an addenda. Furthermore, the undersigned is duly authorized to execute this document and any contracts or other transactions required by award of this Solicitation.

#### **1.0 TERM OF CONTRACT**

The Contract will be awarded for an initial one (1) year term with the option for two (2) subsequent two (2) year renewals. Renewals are contingent upon mutual written agreement.

The Contract will commence upon the first day of the next calendar month after Board approval. The Contract remains in effect until completion of the expressed and implied warranty periods. The County reserves the right to negotiate for additional services/items similar in nature not known at time of solicitation.

#### 2.0 METHOD OF PAYMENT

The Contractor must submit an accurate invoice to the County's using department's email. The date of the invoice must be after delivery but no more than 30 calendar days after delivery. Invoices must reference the: purchase or task order; delivery date, delivery location, and corresponding packing slip or delivery ticket signed by a County representative at the time of acceptance. Failure to submit invoices in the prescribed manner will delay payment.

Payments will be tendered in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes. The County will remit full payment on all undisputed invoices within 45 days from receipt by the appropriate County using department. The County will pay interest not to exceed 1% per month on all undisputed invoices not paid within 30 days after the due date.

All pricing will be FOB Destination unless otherwise specified in this solicitation document. Pricing submitted will remain valid for a ninety (90) day period.

Vendor accepts MasterCard for payment: NO

#### 3.0 CERTIFICATION REGARDING LAKE COUNTY TERMS AND CONDITIONS:

I certify that I have reviewed the <u>General Terms and Conditions for Lake County Florida</u> and accept the Lake County General Terms and Conditions dated 5/6/21 as written including the Proprietary/Confidential Information section. YES Failure to acknowledge may result in Submittal being deemed non-responsive.

#### 4.0 CERTIFICATION REGARDING FELONY CONVICTION:

Has any officer, director, or an executive performing equivalent duties, of the bidding entity been convicted of a felony during the past ten (10) years? NO

#### 5.0 CONFLICT OF INTEREST DISCLOSURE CERTIFICATION:

Except as listed below, no employee, officer, or agent of the firm has any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and, this Submittal is made without prior understanding, agreement, or connection with any

#### ATTACHMENT 1 – SUBMITTAL FORM

corporation, firm, or person submitting a proposal for the same services, and is in all respects fair and without collusion or fraud. Click or tap here to enter text.

#### 6.0 CERTIFICATION REGARDING BACKGROUND CHECKS:

Under any County Contract that involves Contractor or subcontractor personnel working in proximity to minors, the Vendor hereby confirms that any personnel so employed will have successfully completed an initial, and subsequent annual, Certified Background Check, completed by the Contractor at no additional cost to the County. The County retains the right to request and review any associated records with or without cause, and to require replacement of any Contractor employee found in violation of this requirement. Contractor shall indemnify the County in full for any adverse act of any such personnel in this regard. Additional requirements may apply in this regard as included within any specific contract award. YES

#### 7.0 DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

The County does not establish specific goals for minority set-asides however, participation by minority and non-minority qualified firms is strongly encouraged. If the firm is a minority firm or has obtained certification by the State of Florida, Office of Supplier Diversity, (OSD) (CMBE), please indicate the appropriate classification(s) not applicable not applicable and enter OSD Certification Number Click or tap here to enter text. and enter effective date Click or tap to enter a date.

#### 8.0 RECIPROCAL VENDOR PREFERENCE:

Vendors are advised the County has established, under Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2-222; a process under which a local vendor preference program applied by another county may be applied in a reciprocal manner within Lake County. The following information is needed to support application of the Code:

- A. Primary business location of the responding Vendor: 3663 Lake Center Drive, Mount Dora, FL 32757
- B. Does the responding vendor maintain a significant physical location in Lake County at which employees are located and business is regularly transacted: YES If "yes" is checked, provide supporting detail: local business tax receipt is attached.

#### 9.0 GENERAL VENDOR INFORMATION:

Firm Name: Kleinfelder Southeast, Inc.

Street Address: 3663 Lake Center Drive

City: Mount Dora State and ZIP Code: Florida 32757

Mailing Address (if different): Click or tap here to enter text.

Telephone: 352-554-8082 Fax: Click or tap here to enter text.

Federal Identification Number / TIN: 94-1532513

DUNS Number: 107885931

#### **10.0 SUBMITTAL SIGNATURE:**

I hereby certify the information indicated for this Submittal is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an authorized representative of this Vendor and/or empowered to execute this Submittal on behalf of the Vendor.

#### ATTACHMENT 1 – SUBMITTAL FORM

I, individually and on behalf of the Vendor, acknowledge and agree to abide by all terms and conditions contained in this solicitation as well as any attachments, exhibits, or addenda.

Name of Legal Representative Submitting this Proposal: Chryl DeCrenza

Date: 10/6/2021

Print Name: Chryl DeCrenza

Title: Area Manager

Primary E-mail Address: Cdecrenza@kleinfelder.com

Secondary E-mail Address: Lraby@kleinfelder.com

The individual signing this Submittal affirms that the facts stated herein are true and that the response to this Solicitation has been submitted on behalf of the aforementioned Vendor.

[The remainder of this page is intentionally blank]

#### CONSULTANT

ROLE	Name	City of Residence	Florida Active Registrations Number	Number of Years of Experience in the Profession
Principal in Charge	Don Barfield	Jacksonville		15
Program Manager, Mining	Elliott Mallard, P.G.	Madison	PG1825	30
Geotechnical Program Manager	Thomas Grimm, P.E.	Tampa	PE78006	20
Project Engineer	Nate DePriest, P.E.	Mount Dora	PE90460	4

#### SUB CONSULTANTS

ROLE	Company Name	Address	Individual's Name Assigned	Number of Years of Experience in the Profession	Projected % of Overall Work	Worked with Prime before (YES/NO)	Individual Worked with Prime before (YES/NO)



Department of State / Division of Corporations / Search Records / Search by Entity Name /

### **Detail by Entity Name**

Foreign Profit Corporation KLEINFELDER SOUTHEAST, INC.				
Filing Information				
Document Number	P15538			
FEI/EIN Number	56-1370993			
Date Filed	08/10/1987			
State	NC			
Status	ACTIVE			
Last Event	CANCEL ADM DISS/REV			
Event Date Filed	12/01/2009			
Event Effective Date	NONE			
Principal Address				
550 WEST C STREET				
SUITE 1200				
SAN DIEGO, CA 92101				
Changed: 04/20/2015				
Mailing Address				
550 WEST C STREET				
SUITE 1200				
SAN DIEGO, CA 92101				
Changed: 04/06/2016				
Registered Agent Name & Address				
CT CORPORATION SYSTEM				
1200 SOUTH PINE ISLA	ND ROAD			
PLANTATION, FL 33324				
Name Changed: 01/22/2021				
Address Changed: 01/22/2021				
Officer/Director Detail				
Name & Address				
Title CFO, Asst. Secretar	у			

MURPHY, JOHN A

550 WEST C STREET SUITE 1200 SAN DIEGO, CA 92101

Title Director, Asst. Secretary

WELLS, RICHARD C 550 WEST C STREET SUITE 1200 SAN DIEGO, CA 92101

Title Director, Secretary

BUTERA, DEBORAH S 550 WEST C STREET SUITE 1200 SAN DIEGO, CA 92101

Title Asst. Secretary

BROCKMAN, DANIEL L 550 WEST C STREET SUITE 1200 SAN DIEGO, CA 92101

Title Director, CEO, President

ARMSTRONG, LOUIS J 550 WEST C STREET SUITE 1200 SAN DIEGO, CA 92101

#### Annual Reports

Report Year	Filed Date
2019	04/29/2019
2020	04/16/2020
2021	04/02/2021

#### **Document Images**

04/02/2021 ANNUAL REPORT	View image in PDF format
01/22/2021 Reg. Agent Change	View image in PDF format
04/16/2020 ANNUAL REPORT	View image in PDF format
04/29/2019 ANNUAL REPORT	View image in PDF format
04/12/2018 ANNUAL REPORT	View image in PDF format
<u>04/11/2017 ANNUAL REPORT</u>	View image in PDF format
04/06/2016 ANNUAL REPORT	View image in PDF format
<u>04/20/2015 ANNUAL REPORT</u>	View image in PDF format
<u>05/01/2014 ANNUAL REPORT</u>	View image in PDF format
<u>03/25/2013 ANNUAL REPORT</u>	View image in PDF format
04/06/2012 ANNUAL REPORT	View image in PDF format
0.3/02/2011 ANNUAL REPORT	View image in PDF format

Lake County, FL Hydrogeology, Geologic and Hydrogeologic Services (22-093)

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02/19/2010 ANNUAL REPORT	View image in PDF format
<u> 12/01/2009 REINSTATEMENT</u>	View image in PDF format
04/03/2009 Name Change	View image in PDF format
07/17/2008 ANNUAL REPORT	View image in PDF format
05/06/2008 ANNUAL REPORT	View image in PDF format
05/02/2008 Name Change	View image in PDF format
04/14/2008 Reg. Agent Change	View image in PDF format
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07/27/2006 ANNUAL REPORT	View image in PDF format
02/21/2005 ANNUAL REPORT	View image in PDF format
<u>03/22/2004 ANNUAL REPORT</u>	View image in PDF format
01/24/2003 ANNUAL REPORT	View image in PDF format
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<u>07/08/1999 ANNUAL REPORT</u>	View image in PDF format
05/01/1998 ANNUAL REPORT	View image in PDF format
03/24/1997 ANNUAL REPORT	View image in PDF format
07/30/1996 ANNUAL REPORT	View image in PDF format
01/26/1995 ANNUAL REPORT	View image in PDF format

Florida Department of State, Division of Corporations

	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.														
	Kleinfelder Southeast, Inc.														
ge 2.	2 Business name/disregarded entity name, if different from above														
Print or type Specific Instructions on page	3 Check appropriate box for federal tax classification; check only <b>one</b> of the following seven boxes:     ☐ Individual/sole proprietor or     ✔ C Corporation S Corporation Partnership single-member LLC     ☐ Limited liability company. Enter the tax classification (C=C corporation S=S corporation P=partnership)	•	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any)												
Print or type Instruction:	<ul> <li>Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶</li> <li>Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.</li> </ul>								Exemption from FATCA reporting code (if any)						
	□ Other (see instructions) ►				(Applies	to acc	ounts m	aintaine	ed outsi	de the L	I.S.)				
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backu reside	p withholding. For individuals, this is generally your social security number (SSN). However, fo ant alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other is, it is your employer identification number (EIN). If you do not have a number, see <i>How to get</i>	ra 🗍			] -			-							
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Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and

4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ►	6	J.	λ	Λ	N	m	1	)
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#### **General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at *www.irs.gov/fw9*.

#### **Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

Date ► 9.9.2020

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



10/05/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THE DATE FOR RECEIPT OF PROPOSALS IS CHANGED TO OCTOBER 12, 2021

#### **ADDITIONAL INFORMATION**

Remove and replace Exhibit A – Scope of Work/Services with Exhibit A – Scope of Work/Services REVISED.

#### ACKNOWLEDGEMENT

Firm Name: Kleinfelder Southeast, Inc.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Chryl DeCrenza* Date: 10/11/2021 Print Name: Chryl DeCrenza Title: Vice President, Area Manager- Florida Primary E-mail Address: cdecrenza@kleinfelder.com

Secondary E-mail Address: lraby@kleinfelder.com

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# ROPOSED SOLUTION

# PROPOSED SOLUTION - STATEMENT OF APPROACH AND PROCESS

Based on Kleinfelder's experience assisting local government entities with projects including providing support for permitting, due diligence, pre-construction assessments and construction inspection and materials testing, funding applications and other needs, common tasks anticipated to be completed as part of this project include the following services:

- Provide professional geologic and hydrogeologic services, monitoring plan design, contamination assessments, and similar related tasks in conjunction with the County's needs
- o Review and monitor well data and water levels
- Prepare event monitoring reports and contour maps for submission to the Florida Department of Environmental Protection (FDEP)
- $_{\odot}$  Make recommendations about future landfill groundwater monitoring based on data findings
- Provide recommendations, using the landfill's entire history, for well abandonments and be able to articulate and justify those recommendations to the FDEP on behalf of the County
- o Obtain all required permits on behalf of the County
- $\circ$  Provide oversight for the installation of new monitoring wells
- $_{\odot}$  Well installation, repair, and/or abandonment services

The following provides our Project Team technical approach to the tasks anticipated in association with this program. Based on Kleinfelder's experience assisting local government entities with projects including providing support for permitting, due diligence and pre-construction assessments, funding applications and other needs, the following processes will be utilized to deliver quality service for the County:

#### **Define Objectives**

Once the County presents a project to Kleinfelder, a Project Manager and key team members will meet with or coordinate with the County to fully understand the project's goals in order to prepare a well-defined scope of services that meets the County's project objectives, schedule requirements and available budget. Kleinfelder will develop accurate and realistic project milestones, budgets, and sequences for cost effective and schedule-driven implementation.

#### Project Team

For each task order, a local Project Manager and Lead Project Geologist will identify the most qualified personnel to assist with specific tasks defined in the scope of work for each project. Most, if not all, of the project tasks for each project will be performed by local geologists and engineers and staff located in the Mount Dora office with support from the Tampa and Jacksonville offices. Kleinfelder also has multiple design centers throughout the country to provide additional support should scheduling become a concern or if the project warrants specialized expertise better served by national Kleinfelder technical staff.

#### **Design/Modeling Capabilities:**

Kleinfelder's design capabilities include a broad range of civil site design and modeling services. from a project's concept all the way through construction and as-built certification. These services include preliminary design, stormwater and flood modeling, site grading, water distribution and wastewater collection design, erosion and sediment control plans, construction plan preparation, construction inspection and materials testing. We utilize the latest engineering and modeling software to provide cost-effective, innovative solutions, including AutoCAD Civil 3D for construction plans, ArcMap to take advantage of GIS technology and datasets, ICPR and HydroCAD for stormwater modeling, and the entire suite of Autodesk products for water and sewer systems. Kleinfelder is experienced with the Hydrologic Engineering Center's (HEC) software packages for hydrologic and hydraulic modeling of floodplains and is thoroughly familiar with the Federal Emergency Management Agency (FEMA) Flood Mapping program and procedures, with two Certified Floodplain Managers located in our southeast offices. Our construction administration experience includes cost estimating, bid specification preparation, contract management, and construction oversight. We have significant local experience with project permitting through Water Management Districts, Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (USACOE), and local agencies having jurisdiction. Kleinfelder can also provide environmental services related to site improvements and the protection of environmentally sensitive areas.

#### **Execution and Delivery**

Task orders will be executed by a dedicated local project team, with the Project Manager responsible to the County for timely delivery within the established project budget. Once a clear scope is defined and approved by the County, team members will be assigned to specific project tasks. The Project Manager will be the single point of contact, communicating as needed with appropriate County staff to review project progress, discuss any issues or challenges that may arise as the project advances and help identify future project needs. Deliverables will be provided on or before scheduled milestones and will be actively managed with task order schedules by the Project Manager. Final client deliverables are peer reviewed, followed by a detailed technical review by appropriate Subject Matter Experts and licensed Professional Engineers to ensure the work was performed to the appropriate standard of care consistent with industry, Kleinfelder standards, and in accordance with County task order requirements. Kleinfelder is flexible to adding subconsultants to our team if the County has preferences on specialist subconsultants, such as licensed Professional Land Surveyors.

#### Track and Implement

Once the Task Order scope, schedule, and budget have been finalized and the Notice to Proceed is issued, the Project Manager will develop a detailed project schedule that establishes milestones for each major task. The Project Manager will develop project management, quality control, and risk management plans. These plans are prepared for each new project in accordance with our internal quality control program. Project schedules will be updated or modified on an ongoing basis as needed. Reviews of project deliverables are conducted per our Quality Assurance and Quality Control (QA/ QC) program. Kleinfelder implements a rigorous Quality Management Program (QMP). Kleinfelder tracks staff availability, project costs, and milestone schedules using enterprise-level Deltek Vision software which captures labor hours via electronic timesheets and tracks costs through electronic accounts payable.

#### **Permitting**

Permitting will be conducted by Kleinfelder environmental staff and Professional Engineers that are qualified and experienced for the specific permitting needs with permits prepared pursuant to guidance/applicant handbooks for the specific agencies. Permitting may include environmental resource permitting or monitoring well permitting through the St. Johns River Water Management District (SJRWMD), FDOT, or the FDEP, in addition to any local agency regulations. Prior to initiation of any permitting effort, Kleinfelder will coordinate permitting efforts with appropriate County staff to ensure that the project requirements are thoroughly understood. Kleinfelder will request a preapplication meeting with appropriate agencies to review and discuss the project and confirm permitting requirements prior to preparation of a permit application. Kleinfelder will prepare all support documentation (including mapping, calculations, and drawings) for a permit application and will provide it to the County for review prior to submittal to any regulatory agency. Kleinfelder will submit permit applications and accompanying documentation directly to the agency unless otherwise defined in the Task Order. Throughout the permitting process, Kleinfelder will communicate regularly with the County to provide project status updates


# SUBCONTRACTORS / JOINT VENTURES

Kleinfelder has the ability to deliver all of the services that may be necessary in association with the Scope of Work associated with this RFP. Kleinfelder will, as needed, subcontract any of the listed services. We have a pool of qualified vendors who have satisfied our loss prevention and safety requirements. We may call upon these select vendors from time-to-time if needed and approved by the County, to perform services ancillary services. These services may include, but are not limited to:

- Surveying of site and wetland and/or buffer boundaries, monitoring well locations, and top-of-casing elevations
- Geophysical private utility location or underground infrastructure installation to support our studies and assessment activities
- ° Well Drilling, Installation, Maintenance and Abandonment
- o Soil Borings and Sampling
- Laboratory Testing Services
- Regulatory database research reports in support of due diligence efforts
- o Specialty or Niche Engineering Services



# Pricing

Please see Attachment 2. We have also attached our most current rate table for 2021.

# Kleinfelder Southeast, Inc.

# SAVE AND SUBMIT AS AN EXCEL FILE

The Contractor will furnish all labor, materials, tools, transportation and equipment necessary to provide Geologic and Hydrogeologic services to Lake County on an as-needed basis. Actual hours are unknown and are estimated for evaluation purposes only.

Alterations to locked cells may result in disqualification of submission.

1. Semi-Annual Report:

ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
1	Professional Geologist	18	\$156.00	\$2,808.00
2	Staff Geologist	16	\$123.00	\$1,968.00
3	Drafting Services	3	\$88.00	\$264.00
4	Clerical / Administration Services	3	\$72.00	\$216.00
2. Central	LF Biennal Report:			
ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
5	Professional Geologist	90	\$156.00	\$14,040.00
6	Staff Geologist	20	\$123.00	\$2,460.00
7	Drafting Services	10	\$88.00	\$880.00
8	Clerical / Administration Services	8	\$72.00	\$576.00
3. Other (	List category w/ estimated number of he	ours and hourly pricin	ng):	
ITEM #	DESCRIPTION	ESTIMATED NUMBER OF HOURS	HOURLY RATE	TOTAL
9	Environmental Scientist	8	\$65.00	\$520.00
10			\$0.00	\$0.00
11			\$0.00	\$0.00
12			\$0.00	\$0.00
13			\$0.00	\$0.00
14			\$0.00	\$0.00

Lake County is exempt from all taxes (Federal, State, Local). A Tax Exemption Certificate will be furnished upon request for any direct purchasing. Contractor will be responsible for payment of taxes on all materials purchased by the Contractor for the project.

Lake County will not accept nor authorize payment for travel time or expenses of service personnel to any of Lake County's facility locations. The hourly rate must commence on the job site. Billable time will be for service work performed.

This is an indefinite quantity contract with no guarantee use of services. The County does not guarantee a dollar amount to be expended on any contract resulting from this solicitation.

# **KLEINFELDER 2020 FEE SCHEDULE**

# PROFESSIONAL STAFF RATES\*

Professional Staff Professional Project Professional Principal Professional Senior Principal Professional	\$ \$ \$	98/ hour 123/ hour 156/ hour 181/ hour 255/ hour
Project Manager Senior Project Manager		156/ hour 225/ hour
Designer/Drafter Senior Designer/Drafter	\$ \$	88/ hour 117/ hour
Project Controls Professional Senior Project Controls Professional		109/ hour 168/ hour

# **TECHNICAL STAFF RATES**

Technician	\$	65/ hour
Senior Technician	\$	98/ hour
Inspector	\$	98/ hour
Senior Inspector	\$	130/ hour
Construction Manager		175/ hour

# ADMINISTRATIVE STAFF RATES

Administrator		72/ hour
Project Administrator	\$	100/ hour

Minimum Charges for Office Time Per Day..... One Hour at Applicable Rate

Kleinfelder reserves the right to adjust the fee schedule on projects not completed within 180 days from the contract signature date.

Public works projects or projects receiving public funds may be subject to Prevailing Wage laws. The above rates do not apply to projects subject to prevailing wages. Hourly rates for those projects will be supplied separately.

\* Applies to all professional rates including but not limited to civil, mechanical, chemical, electrical, geotechnical and environmental engineers; industrial hygienists; geologists; hydrogeologists; hydrologists; and computer specialists.

Hourly rates assume that other direct costs will be billed and reimbursed by the client. Kleinfelder reserves the right to adjust the fee schedule on projects where other direct costs are not reimbursed.

Kleinfelder Fee Schedule 2020	Α	Revised 03/2020

# SECTION FINANCIAL STABILITY

# FINANCIAL STABILITY

Kleinfelder, founded in 1961, is a privately-held corporation with annual revenues of approximately \$460M. Following the placement of new executive leadership in 2016, the company has experienced an average growth rate in Adjusted EBITDA of approximately 14% over the past five years. The company brought in a major investor in late 2018, Wind Point Partners, providing a substantial strengthening of the balance sheet as well as significant sources of capital to strategically pursue organic and acquisitive growth in the market. In addition to the company's positive operating cash flow, Kleinfelder carries a substantial credit facility with BNP Paribas. These sources are sufficient to meet the company's current and anticipated capital needs.

Kleinfelder's fiscal year begins on April 1st. During the most recent financial audit, for the year ended March 31, 2021, the auditors concluded that the consolidated financial statements present fairly, in all material respects, the financial position of the company. As of March 31, 2020 Kleinfelder's stockholders' equity was \$94,676,000.

# SECTION 7

# LITIGATION

On occasion Kleinfelder becomes involved in litigation in the ordinary course of business. These matters generally reflect routine legal issues related to our business. The company retains adequate levels or insurance to protect against its business risks. None of the pending legal disputes of the company materially impacts the financial well-being of the company.



# Staff Resumes

- o Don Barfield
- Elliott Mallard, P.G.
- Nate DePriest, P.E.
- Thomas Grimm, P.E.



# **DON BARFIELD**

Project Manger

# **Education**

MBA, Business & Commerce, University of North Florida, Florida, 2011 BS, Biology & Environmental Science, Jacksonville University, Florida 2005

# **Certifications**

- 24-hour New Miner Training Certificate
- HAZWOPPER
- LEED AP
- Certified Environmental & Safety Compliance Officer

# Experience Summary

Mr. Barfield has fifteen (15) years of experience in the consulting arena. He serves as a Program Manager with Kleinfelder and has experience with Phase I and II environmental site assessments, NEPA assessments, petroleum storage tank closures, water quality assessment and monitoring, natural attenuation monitoring, landfill assessments, brownfields, soil and ground water remediation, report writing/oversight and project coordination with regulatory agencies including the Florida Department of Environmental Protection, the Georgia Environmental Protection Division, and the U.S. Environmental Protection Agency. Mr. Barfield is also responsible for project management including staffing and resource coordination and business development.

# Select Project Experience

**The Preserve at Atlantic Beach,** Atlantic Beach, Florida – Preformed a Phase I site assessment on a 24-acre parcel that was formerly a mobile home community.

**Spartina Cove,** Duval County, Florida – Preformed Phase I site assessment on a site previously permitted for multi family homes.

**Phase I & II ESA**, Duval County, Florida – Phase I & II environmental site assessment for a large industrial facility in the Downtown port area for Jacksonville.

**Brownfield Sites,** Duval County, Florida – Remedial activities for 2 brownfield sites in downtown Jacksonville that were eligible for tax credit incentives.

**Closure Plan**, Chatham County, GA – Design and preparation for a Closure plan for a wastewater conveyance ditch, an identified RCRA-RU at the former Tronox site.

**Phase II Site Assessment,** Ben Hill County, GA – environmental site assessment for a future biomass generation facility.

**Phase I & II Golf Course,** St. Johns County, Florida – Phase I & II ESAs at the former Ponce de Leon golf course facility.

**Phase II Site Assessments,** Duval County Florida – Preformed Phase II ESAs for former electrical substations operated by the Jacksonville Electric Authority (JEA).



# ELLIOTT MALLARD, P.G.

Senior Principal Professional

# **Education**

MS, Geology. University of Florida, Florida, 1988 BS, Geology. Western Kentucky University, Kentucky, 1983

# **Certifications**

- Certified Professional Geologist, State of Florida No. 1825
- Society for Mining, Metallurgy and Exploration (SME) Member # 412265
- International Institute of Minerals Appraisers Associate Member # 2019-4
- 40-Hour Surface Miner-Part 48, MSHA
- 40-Hour and 8-Hour HAZWOPER Refresher, OSHA

#### Experience Summary

Summary Mr. Mallard has over 35 years of experience in the mining industry. His areas of expertise include industrial minerals (titanium and zircon, limestone and granite aggregate and absorbent clay), resource/reserve/mineralogical evaluations, mine planning, permitting, reclamation, efficiency and profitability improvements, and hydrogeology. He developed three Greenfield operations in Florida, Virginia, and Georgia, and closure of operations in Florida (dredging operation) and Georgia (mine and production facilities). He has a track record of improving operational and safety performance, with recognition from MSHA at several mine sites. As a senior manager, Mr. Mallard's management experience includes leading change management processes, identifying areas for improvement in order to reduce costs and wastes, while increasing efficiency and profitability.

#### Select Project Experience

**Vulcan Materials Company (VMC) – Grandin Sand Mine**, Putnam County, FL – As Mining Program Manager for Kleinfelder, Elliott managed the installation of Lower Floridan Aquifer (LFA) production (1,250 feet) and monitoring (860 feet) wells and an Aquifer Performance Test (APT) to demonstrate that the LFA was a source of water for the VMC Grandin site to replace withdrawals from the Upper Floridan Aquifer (UFA). After the APT was conducted, VMC was able to demonstrate that the LFA production well could replace the UFA well, resulting in a modified Consumptive Use Permit for the mine and a positive public relations outcome, as the UFA is a source for many local drinking water wells.

**Vulcan Materials Company – Aragon Quarry,** Polk County, GA – As Mining Program Manager, Mr. Mallard assisted the VMC Aragon Quarry with increasing site reserves through increasing their mining depth by applying for and receiving approval from GA EPD for the "WORKPLAN GUIDANCE DOCUMENT FOR MINING BELOW THE WATER TABLE AT LIMESTONE QUARRIES". The Aragon Quarry was the first operating mine that was granted approval for mining below the water table by GA EPD. The project work included mapping site structural geology, its affect in groundwater and



local springs and an Aquifer Performance Test to demonstrate that the lowering of the water table in the quarry would not have an effect outside of site boundaries.

**Industrial Minerals Resource/Reserve Evaluations,** Deposits in FL GA, AR, NV and UT – Elliott, as Mining Program Manager, conducted resource and reserve evaluations for industrial minerals (limestone, granite, gypsum and frac sands) for various clients across the US.

**Palmer Resources LLC, Mine,** NW Marion County, FL – As President and CEO of MFM, Mr. Mallard lead efforts to develop a greenfield limestone quarry and oversaw capital expenditure of \$12 million for mining, crushing and processing equipment at quarry. Also negotiated a 20-year contract to supply high quality limestone (300,000 to 400,000 tons annually) for flue gas desulfurization for Seminole Electric Cooperative, Inc. coal-fired power plant.

**Palmer Resources LLC, Mine,** NW Marion County – Mr. Mallard provided geologic investigation and reserve report for Palmer Resources LLC limestone deposit. Deposit reserves were largest limestone reserves in north central FL.

**Dupont (now Chemours) North Maxville Dredge Mining Permits,** Maxville, FL – With partner LPG, Elliott managed permitting and mine planning effort for DuPont's dredge mining extension from Maxville to North Maxville reserves, which extended mine life more than 10 years. Project approvals included local land use approval, industrial wastewater and storm water permits, FDEP ERP and USACOE wetland permits. Permitting effort included design for a new stormwater management system for Client that streamlined the approval process.

**Iluka Resources, Inc. Lulaton Deposit,** Brantley County, FL – Mr. Mallard was the FL-GA Operations Manager and Project Owner for the development of a greenfield mineral sands mine and construction of a concentrator and near Lulaton, Brantley County, GA, with a capital budget of \$40 million. Construction of modular mineral sand concentrator plant that was prefabricated off-site and hauled on site in individual modules.

**Iluka Resources, Inc,** Putnam County, FL – Mr. Mallard was the Project Manager for installation new mineral sands mine and construction of a concentrator plant and associated ponds and earthworks, with a capital budget of \$10 million. Project included permit approvals from local county, land use (Putnam County Planning and Zoning and County Commissioners), state (FDEP and DCA) and federal (USACOE). Project completed on time and under budget. MC1 Plant delivered an additional 25% production and profitability to operation.

**Iluka Resources, Inc.** Green Cove Springs, FL – Mr. Mallard was Mine Development and Exploration and his responsibilities included site and regional exploration, mine planning, site permitting and environmental compliance. He was responsible for leading the development of the auxiliary mining program that hauled high-grade ore from areas adjacent to the dredge path and increased production and profitability in excess 15%.

**Iluka Resources, Inc.** Green Cove Springs, FL – Mr. Mallard was the Environment and Reclamation Superintendent responsible for mine planning, permitting and reclamation. He developed successful upland and wetland reclamation techniques and protocols that are utilized currently in mineral sands operations.



# NATE DEPRIEST, PHD, P.E. Civil Engineer

# **Education**

PhD, Civil and Environmental Engineering, West Virginia University, West Virginia, 2015 MS, Civil and Environmental Engineering, West Virginia University, West Virginia, 2012 BS, Civil and Environmental Engineering, West Virginia University, West Virginia, 2011

# **Certifications**

Professional Engineer (PE-Civil) No. PE90460, Florida, 2020

# Experience Summary

Mr. DePriest is a Civil Engineer with 5 years of experience. His area of expertise is with stormwater modeling on mining sites. He has experience in designing Stormwater ponds and pollution prevention plans.

#### Select Project Experience

**US Foundry,** Medley, Florida – Determine groundwater conditions in order to delineate any contaminant impact plume and indicate through empirical data whether soil source material may have contributed over the years to groundwater impacts at the facility. Sampling results were used to demonstrate the fulfillment of Consent Order terms and facilitate a major real estate transaction including one of the World's largest steel foundries. Additional services included stormwater management system evaluation and solutions and a GIS model of site impacts/ conditions.

**HSP II Mine,** Brooker, Florida – Designed Wetland recreation plan using AutoCCAD, developed the post mining topography and prepared information for inclusion into NPDES permit, WUP and SWPPP.

**Chemours, Maxville Stormwater Analysis,** Starke, Florida – Completed spatial and spreadsheet analysis of stormwater ponds to determine operational levels

**Chemours Pond 151**, Starke, Florida – Created pond restoration plan, to include grading, pond relocation, swales and outlets. Modeled stormwater for post reclamation condition using HydroCAD model and associated figures.



# THOMAS GRIMM, P.E.

**Geotechnical Program Manger** 

# **Education**

MS, Project Engineering and Management, Montana Tech, Butte Montana, 2008

BS, Environmental Engineering, Montana Tech, Butte Montana, 1997

#### **Registrations**

- Professional Engineer (P.E.) Florida, No. 78006
- Professional Engineer (P.E.), Georgia, No. 42322
- Professional Engineer (P.E.), South Carolina, No. 33293
- Professional Engineer (P.E.), Montana, No. 12888

#### **Certifications**

- 40-hour HAZWOPER
- 24-hour New Miner Training Certificate

#### Experience Summary

Mr. Grimm has 24 years of experience in engineering consulting. He is a seasoned Geotechnical Engineer and is well versed in Civil and Environmental Engineering. He is knowledgeable in materials testing, inspection, remediation, and drilling services. Mr. Grimm has overseen materials testing along with quality control operations for large scale construction projects in Florida. He has provided engineering support services to several large-scale mining operations, large energy providers and other large scale manufacturers in the Southeastern United States. Mr. Grimm has a proven track record of supervising large departments of Engineers, Scientists and Field Technicians. He has managed multiple projects from concept though construction completion. His expertise includes technical and administrative functions for contract administration, environmental investigation and remediation oversight, geotechnical investigation and testing and construction inspection.

#### Select Project Experience

Dredge Materials Management Area (DMMA) Design - Site SJ-20A, Taylor Engineering and Florida Inland Navigation District (FIND), St. Johns County, Florida, 2015, Senior Geotechnical Engineer. Responsible for providing alternatives and feasibility assessment of containment barriers that would limit impacts of saltwater to surrounding groundwater. Provided recommendations for four feasible alternatives and their considerations and a recommendation for a select alternative. Recommendations considered financial costs, constructability, project specific requirements, safety, environment and litigation risks, perception, and anticipated design life.

**Process Sewer Lagoon, Agrium US, Inc./Nu-West Industries, Inc., Soda Springs, Idaho, 2015, Project Engineer.** Responsible for providing technical review and development of engineers cost estimates for construction of a sewer lagoon within the phosphate mine processing facility.

Palatka Mill Industrial Wastewater Treatment Ponds Inspection, Georgia Pacific, Palatka, Florida, Project Manager. Provided project management and engineering for



the inspection of oxidation ponds 2, 3, and 4 at the Palatka Mill. The inspection included the review of historic information, field review of existing impoundments, subsurface investigation, development of a report of findings, and recommendations for repair and maintenance.

Solid Waste Transfer, Rosebud Sioux Tribe, Rosebud-Sioux Indian Reservation, South Dakota, 2010, Senior Engineer. Responsible for geotechnical evaluation and recommendations for the design and construction of a solid waste transfer station. Geotechnical consideration included multi-level foundations overlying collapsible soils and slope stability issues.

**Public Water Supply Well, Terry School District, Terry, Montana, 2010, Senior Engineer.** Responsible for technical oversight of the design and specification of a well completed to the Fox Hills aquifer as a public water supply well. Assisted in the coordination of a selected driller and compliance with permitting requirements of the Montana Department of Environmental Quality public water system.

**Public Water Supply Well, Lavina School District, Lavina, Montana, 2009,. Senior Engineer.** Responsible for technical oversight of the design and specification of a well completed as a public water supply well. Assisted the compliance with permitting requirements of the Montana Department of Environmental Quality.

**Public Water Supply Well, Northern Cheyenne Tribe, Lame Deer, Montana, 2009, Senior Engineer.** Responsible for management and technical oversight of the design and specification of a well completed as a public water supply well. Assisted in the coordination of a selected driller and compliance with permitting requirements of the Montana Department of Environmental Quality.

**Ground Water Investigation, Various Locations, Montana, 2005 to 2012, Senior Engineer.** Responsible for the management and technical oversight of groundwater investigations to establish baseline groundwater conditions for planning and development of various community developments. Project locations included the 50-acre Felton Subdivision, which is a multi-phase development, and the 0-acre Of-Course Subdivision, a golf course and housing development.

**Exxon Mobile Silver Tip Pipeline Release, MDEQ, Yellowstone River, Montana, 2011, Project Engineer.** Supported the Montana Department Environmental Quality (MDEQ) response to the release of approximately 63,000 gallons of crude in the pristine Yellowstone River. Performed field review and assisted in research and documentation of clean-up and monitoring efforts under an emergency status.

Landfill, Various, Montana, 1999 to 2003, Project Engineer. Responsible for design and supervision of the installation of methane monitor systems, groundwater monitoring wells, and surface water sampling associated with meeting State regulatory requirements. Project included the Powder River County, Custer County, Cascade County, and Yellowstone County Landfills.

**Billings Rendering Plant, Billings, Montana, 2000 to 2001, Project Engineer.** Responsible for preliminary evaluation and oversight of the voluntary clean-up of a former rendering plant. The site included cooperation with MDEQ's voluntary clean-up program managers, excavation of animal wastes, and various petroleum releases and confirmation of clean-up.