

**1. PROPOSER COVER SHEET
(INCLUDE AS PART OF RESPONSE UNDER TAB 1)**

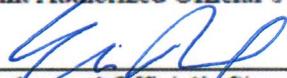
Section A. Proposer Information

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Type of Entry (check all that apply): <input checked="" type="checkbox"/> Private-for-Profit Entity <input type="checkbox"/> Nonprofit	

Section B. Certification of Accuracy and Compliance

I do hereby certify that all facts, figures, and representations made in the Proposal Response(s) are true and correct. Furthermore, all applicable statutes, terms, conditions, regulations, and procedures for program compliance and fiscal control, including but not limited to, those contained in the Proposal Package will be implemented to ensure proper accountability of contracts. I have been duly authorized to act as the representative for this Proposal.

ERIC MARX

 Print Authorized Official's Name


 Authorized Official's Signature

VICE PRESIDENT

 Authorized Official's Title
 11/20/2020

 Date

Figure 1



University Lakes Project

Proposal

Geotechnical Data Collection and Sediment Sampling Services
| Baton Rouge, Louisiana

179352Pro | Version 1 | Final

November 20, 2020

University Lakes LLC, entity created and controlled by LSU Real Estate and Facilities Foundation



Document Control

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Client Information

Client	University Lakes LLC, entity created and controlled by LSU Real Estate and Facilities Foundation
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Client Contact	Mark Goodson

Version History

VER	Date	Status	Comments on Content	Prepared By	Checked By	Approved By
1	November 20, 2020	Draft	Draft proposal	JMK, SA	PC	ERM

Proposal Team

Initials	Name	Role
JMK	John M. "Jack" Koban, PhD, PE, PG	Project Manager, Proposal Manager
SMB	Peter Cole	Project Manager
ERM	Eric Marx, PE	VP, Engineering Manager
SA	Sergio Aviles, PE	Owner – APS Engineering and Testing

Welcome

Fugro USA Land, Inc. (Fugro) is pleased to submit this proposal to provide Geotechnical Data Collection and Sediment Sampling Services for the University Lakes Project located in Baton Rouge, Louisiana. This Proposal is being submitted in response to the October 16, 2020 Request for Proposals issued by University Lakes LLC (UL), a single-member entity created and controlled by LSU Real Estate and Facilities Foundation (REFF). For this project, we have partnered with **APS Engineering and Testing**, a **local DBE** geotechnical firm who similarly has geotechnical experience in City Park Lake. This proposal provides a summary of our understanding of the project and describes our proposed scope of services, costs and terms, and anticipated schedule for completing this study.

We have endeavored to utilize the generalized scope of work provided by UL as well **as our own team's existing geotechnical data** collected within select university lakes during the preliminary geotechnical campaign conducted on behalf of the Baton Rouge Area Foundation (BRAAF) in 2013-2014. We are proposing a geotechnical program that is efficient and provides value toward accomplishing the project objectives. The scope of services will generally include:

- Shallow Soil Borings completed proportionally within the lakes to characterize the low-density organic fluff layer, consolidated lake bottom and identify the interface between the two.
- Deeper Soil Borings within the lakes to determine potential for settlement potential along the lakes' edges where dredge spoils are intended to be placed during the dredging and intended beneficial use/removal process.
- Geotechnical testing to provide classification of sediment, strength profiles of the lakebed and banks, and settlement potential.
- Analytical testing of sediment sample to assess the applicability of soils for beneficial use placement or disposal
- All data will be compiled into a unified engineering and data summary report stamped by a Professional Engineer licensed in the State of Louisiana.

We appreciate the opportunity to be of service to University Lakes LLC and we look forward to supporting you on this exciting next phase of the University Lakes Project. If you need further information or if you have any questions, please contact us.



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1. Introduction

In response to the October 16, 2020 Request for Proposal (RFP) issued by University Lakes LLC (UL), Fugro USA Land, Inc. (Fugro) is submitting this Proposal to provide Geotechnical Data Collection and Sediment Sampling Services for the University Lakes Project (henceforth referred to as "The Project") in Baton Rouge, Louisiana.

1.1 Company Information

Fugro is an internationally acclaimed consulting firm specializing in the provision of technical data and information required to design, construct, and maintain large structures and infrastructure in a safe, reliable, and efficient manner. We have been at the forefront of providing geospatial knowledge for over 60 years. Our complete geodata approach assists our clients through the entire life span of a project beginning with feasibility and continuing through to post-construction and maintenance. Our comprehensive, integrated geotechnical and survey services have been used by a diverse set of industries including oil and gas, petrochemical, industrial, flood protection, coastal restoration, and government agencies. Access to Fugro's global resources allows us to deliver optimal solutions for projects of every scale.

Fugro is a global company with approximately 10,000 employees in 60 countries, including local offices in Lake Charles, Lafayette, Mandeville, and Baton Rouge, Louisiana. Fugro USA Land, Inc. is a wholly owned subsidiary of Fugro NV, a Dutch corporation whose shares are publicly traded on the Amsterdam Mid-Cap Exchange. Throughout the world, the multiple Fugro offices work as One Fugro to provide the most experience and best possible solutions for our clients. Fugro holds a strong market position due to in-house developed technologies, high value services, and a strong international and regional presence. Our highly qualified specialists work with modern technologies and systems at locations all over the world.

Fugro provides registered, licensed Professional Land Surveyors, Engineers, and Geologists in Louisiana and throughout the Gulf Coast region. We provide a regulatory services group able to obtain necessary federal, state, and local permits. Fugro also offers hydrographic survey services for underwater projects such as oyster assessments, bathymetric hazard surveys, and coastal restoration projects. Furthermore, we provide high-precision FLI-MAP aerial lidar technology for linear projects such as rail, pipeline, and transmission line route surveys. As needed, 3D laser scanning services are also available. Our geotechnical services include, exploration and soils sampling, laboratory analysis, and engineering evaluation and design.

Our overriding aim is to provide effective ground risk management by scoping and executing site investigation programs that minimize unforeseeability of subsurface conditions thereby reducing uncertainty in the design and construction of major project works. Such an approach:

- Allows for design of efficient geotechnical and foundation construction to reduce cost and time for construction; and
- Minimizes or indeed eliminates unforeseen occurrences related to sub-surface conditions that can be time consuming and costly to deal with.

1.2 Value of Fugro's Experience

Developing a world-class dredging and watershed management project involves complex challenges where substantial investment demands that projects are delivered safely, responsibly, on time and within budget. Success relies on technical excellence, high-quality project management, a 'can do' approach and an intimate knowledge of the commercial, logistical and regulatory constraints that accompany facility development. Fugro offers local knowledge and global project experience to provide life-of-project solutions from:

- Conceptual planning,
- Front End Engineering and Design (FEED),
- Dredging and Construction,
- Long-term operations and maintenance (O&M).

Fugro offers unmatched experience and expertise in the development of large-scale projects globally.

1.3 Partnering Firm: APS Engineering and Testing

In order to provide the strongest team possible for this pursuit, Fugro has partnered with local Geotechnical Firm APS Engineering and Testing (APS). APS, a certified DBE, SBE, and Louisiana Unified Program member firm based in Baton Rouge possesses site specific experience of City Park Lake obtained through their work for the Louisiana Department of Transportation and Development (DOTD). In 2019, APS performed a geotechnical study for the planned widening of Interstate 10 (I-10), which passes over the second largest lake of the University Lakes System. Together with Fugro's prior experience with the University Lakes Project, there is no other team with more knowledge and direct experience with these lakes.

1.4 Project-Specific Personnel and Organization for Execution

Fugro's team possesses the physical resources and capabilities to execute our clients' projects to the highest degree of quality, but it is our personnel who truly set us apart from our competition. Our integrated technical approach to each project is further strengthened by the integration of our staff. We begin with local knowledge of geology, geography, and relationships with key

project stakeholders allowing us to take a wholistic approach to each project and develop a project scope that meets or exceeds the expectations of owners and clients alike.

For this project we will utilize our local Baton Rouge Fugro and APS staff to maximize the benefit of our understanding of the site. We will rely on experts in our Houston, TX office for additional technical consultation and petrochemical experience. Lastly, we will rely on our relationships with key local stakeholders to ensure an efficient and successful execution of our work.

Selected key personnel project experience samples, resumes, and project organizational chart are included in **Appendix A**.



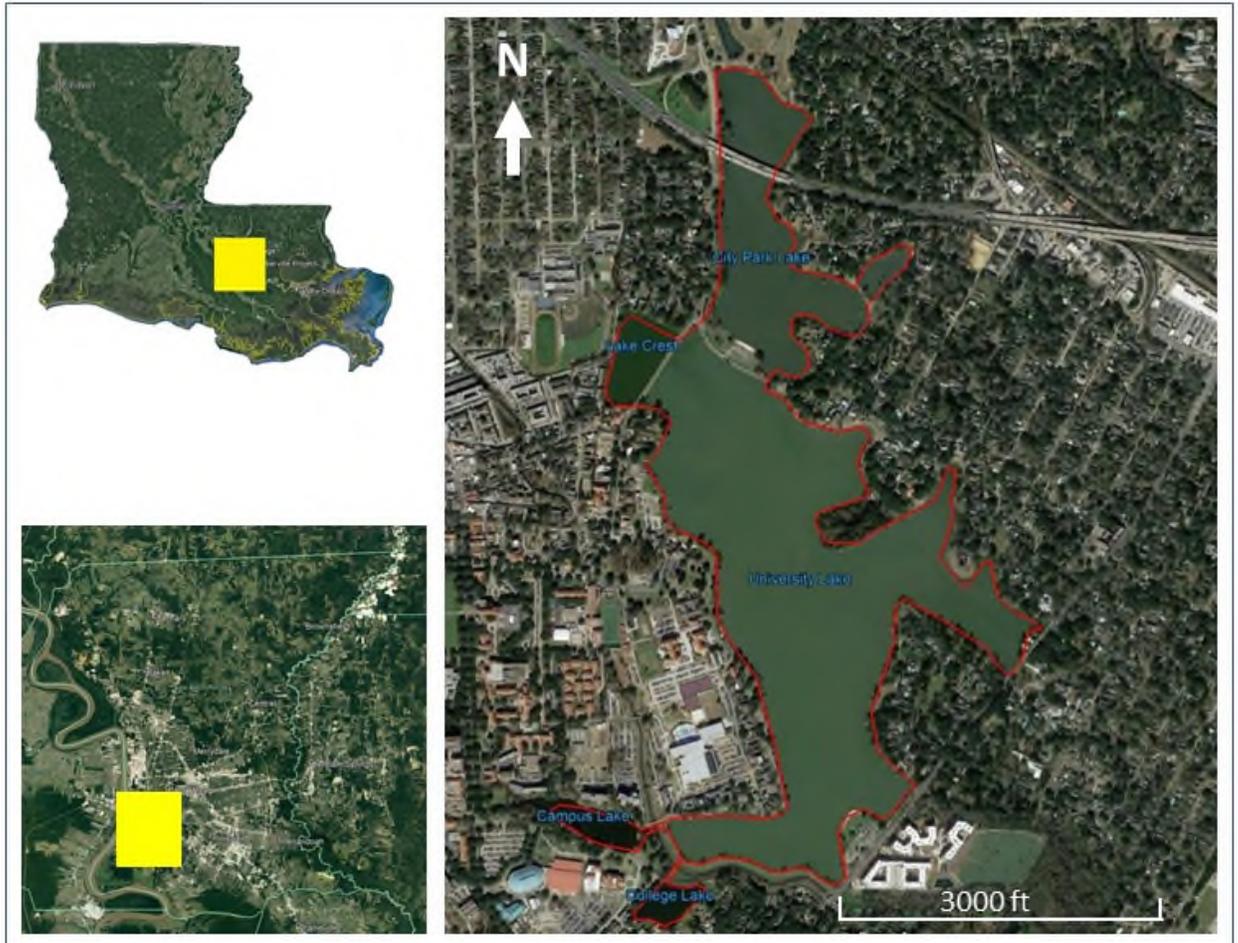
2. Project Description

Fugro understands that UL seeks to implement the 2016 Master Plan for revitalization of the University Lakes System which includes four lakes are owned by LSU and two by the City of Baton Rouge. For this phase of the implementation, UL intends to collect geotechnical and analytical data in and around the University Lakes to develop a plan for dredging, excavation, pedestrian paths and other project features. The project will promote safety, and enhanced recreational and ecological function of the lakes, ultimately creating a marquee destination in the heart of the city.

This project was prompted by a decades-long, gradual decline in the health of the lake system which has accelerated over the last two years. That decline has manifested itself through extensive and visible algae growth, fish kills, and other aesthetically unpleasing symptoms of water quality degradation and sediment accretion. As part of the plan to achieve these goals, UL is requesting Fugro provide a proposal for Geotechnical Data Collection and Sediment Sampling Services

UL provided generalized scope of work and project background. A site vicinity and project site map are provided in Figure 1 below. The following sections provide a general overview of Fugro's nearby project experience, local knowledge of the site and region followed by a detailed scope of services, methodologies, and anticipated costs required to successfully meet the needs of The Project.

Figure 1: Project Location



2.1 Preliminary Site Reconnaissance

As part of the development of this proposal, Fugro conducted limited site reconnaissance on the morning of Sunday November 1, 2020 to assess general site conditions as well as applicability of methods, and accessibility of equipment to be used during field exploration. The reconnaissance consisted of a review of Google Earth imagery to gain an understanding of general site layout, ground cover, and available historical land use. Due to potential restrictions of property access, the site visit was limited to areas accessible by public roadways and walking paths. The following section summarizes our findings.

The Project site consists of 6 lakes, 4 owned by LSU and 2 owned by the City of Baton Rouge totaling approximately 270 acres. The largest of these lakes, University lake, is bordered to the

west by the LSU campus and to the east by residential properties. The second largest of the 6 lakes, City Park Lake is bordered on all almost sides by residential properties and bisected by Interstate-10. The two lakes are separated by a small strip of land occupied by May Street and May Street Park. A single culvert under May Street connects the two lakes with highly restricted flow of water. Erie Lake is a small lake located inside a small loop of East Lakeshore drive and is connected to City Park Lake by a box Culvert. Lake Crest which flanks the northwest corner of University Lake and is connected to University Lake by a small box culvert. College Lake and Campus Lake on just off the Southwest corner of University Lake are not connected to the rest of the lakes but rather have overflow drainage into Corporation Canal which sits considerably lower in elevation than the lakes. The overall area is characterized by residential properties and the LSU Campus.

The site visit revealed that University Lake has a boat launch accessible from Milford Wampold Park. City Park Lake is accessible by Boat Launch along Dalrymple Drive, and Lake Crest has a boat launch accessible from July Street. However, the launch at Lake Crest is small and the portion of July Street heading to it is narrow with minimal turnaround space. College Lake has no boat launch but potential to launch from the bank pending equipment size and landowner permissions. Similarly, Erie Lake has a low bank on the East and Southeast side that may allow for a launch of equipment from the bank. Campus Lake is bordered on all sides by riprap and other erosion control which will limit ability to deploy sampling equipment. Site photos taken at the time of the preliminary site visit are provided below.

Figure 2: City Park Lake (Left) and University Lake (Right) Boat Launches



Figure 3: Lake Crest



Figure 4: College Lake



Figure 5: Campus Lake



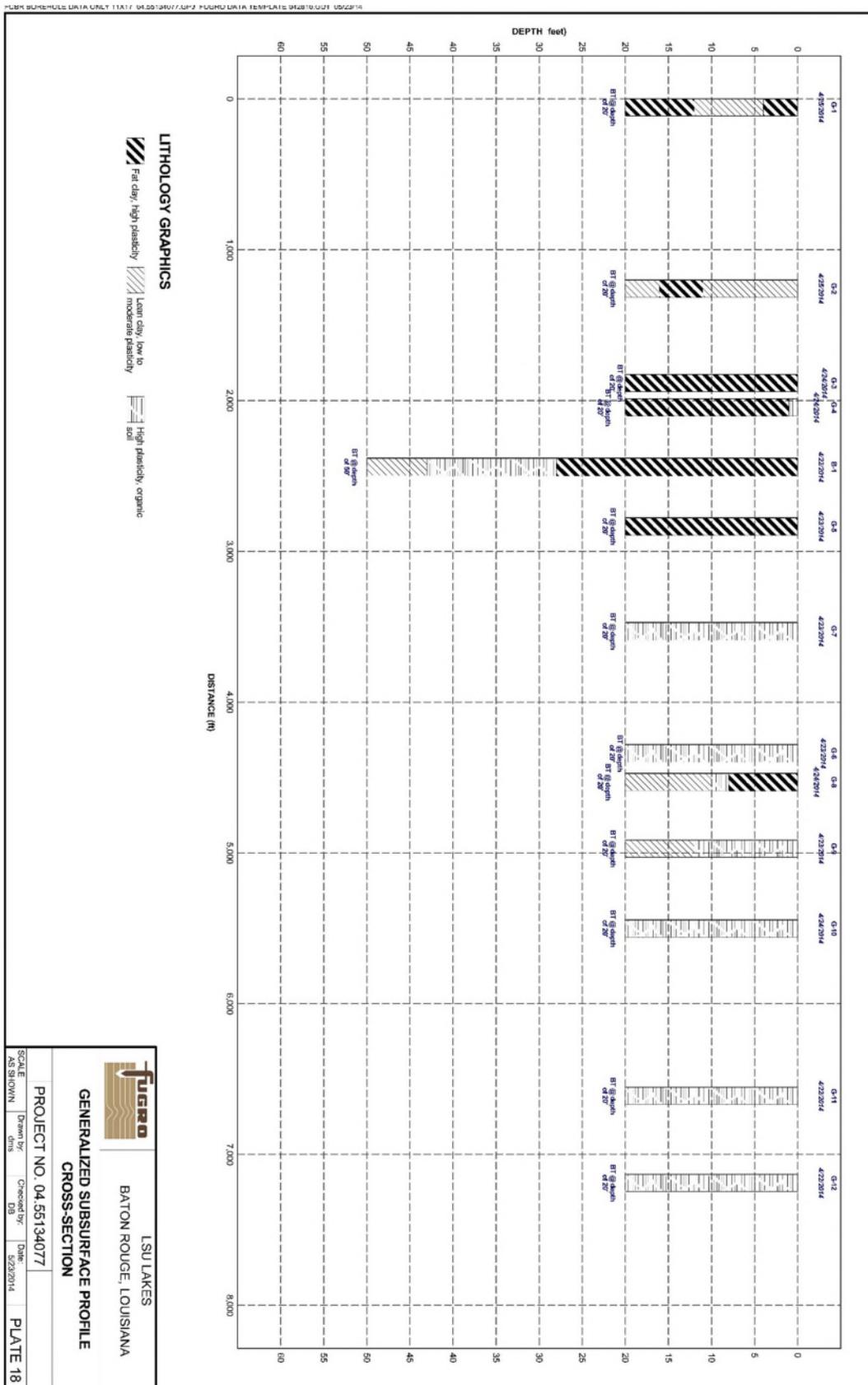
Figure 6: Erie Lake



2.2 Fugro's Experience in the Area

The Fugro team has developed extensive understanding of the geology and geotechnical parameters in the project area through our previous integrated Bathymetric Survey and Geotechnical study conducted as part of a prior phase of the Lakes Renovation Project as well as through APS's prior work with DOTD. A sample geologic cross-section developed as part of the Geotechnical Services, LSU Lakes Baton Rouge, Louisiana dated May 23, 2014 is depicted below.

Figure 7: Sample Geologic Cross-Section of Nearby Fugro Project



Based on the results of Fugro's previous geotechnical study of City Park Lake and University Lake which consisted of a series of 11 geoprobes advanced to 20-ft below the lake bed spaced across the two lakes and one land boring at May Street Park, and APS's prior I-10 project work consisting of a series of deep borings in City Park Lake near the I-10 overpass, we anticipate the lake bed to be primarily fat and lean clay with increasingly organic clays moving from north to south through the two largest lakes. Given the degrading conditions of the lakes in the past 2 to 3 years, we would anticipate additional accretion of organics, particularly in City Park Lake where algal and other vegetative growth is most pronounced.

3. Purposes and Scope of Services

The purpose of our geotechnical study will be to explore and evaluate the lakebed sediment conditions in each of the lakes to develop geotechnical characterization for each. This characterization will in turn be used to help guide further development of the University Lakes Master Plan and eventual dredging program. Additionally, we will evaluate chemical parameters of the soils to provide a characterization of potential contaminants that might be encountered. The following sections of this proposal further describe our proposed scope of services to accomplish the required objectives defined in the RFP provided by UL.

3.1 Field Exploration (Task 1)

Our proposed field exploration is based on the information provided by UL and our team's previous work at the Project Site. The following sections outline Fugro's recommended scope of work.

3.1.1 Assessment of Unconsolidated Detrital Sediment Layer

We understand that an assessment of the unconsolidated detrital sediment (fluff) layer is of utmost importance to the subsequent dredging phase of The Project. In order to more precisely characterize this layer, we propose to measure the approximate thickness at a series of locations across each of the six lakes to allow for the development of an isopach map to be used in cooperation with the bathymetric results being conducted in a separate scope.

This measurement will be conducted by the collection of samples from a john boat or equivalent capable of being launched from the bank where necessary and propelled with a small outboard motor, trolling motor, or paddle. The approximate interface of muck and consolidated lakebed will be estimated and compared to results of the lake survey scope and soil borings to help in the development of the above-referenced isopach map.

- Advance twenty (20) direct-push soil cores to a depth of 5-ft below the consolidated lake bottom proportionately spaced throughout the 6 lakes.

- Samples will be collected in a dedicated PVC liner within a thin-walled sampler equipped with a check valve or sample catcher to prevent recovery loss upon retrieval.
- Samples will then be sealed for transport to our lab for testing and classification.
- Borings will total about 400 lineal feet of drilling below the consolidated lakebed.
 - All Exploration locations will be located in the field using a handheld GPS or comparable device with accuracy equal to or less than ten (10) feet and marked prior to exploration using cane/bamboo poles placed from a single-man boat such as a kayak or pirogue.
 - Soil borings proposed by Fugro are presented in the Exploration Plan included in **Appendix B**.

3.1.2 Geotechnical Soil Borings and Sample Collection

We understand that collection of undisturbed geotechnical samples are desired to develop design soil parameters to facilitate geotechnical analyses that will be performed under future tasks. Undisturbed soil borings will require more extensive equipment compared to the sediment collection phase. Our proposed scope for the geotechnical borings include the following:

- Drill six (6) undisturbed geotechnical soil borings to a depth of 20-ft each below the consolidated lakebed at locations approximately 50-ft lakeside from the existing bank. Final locations will be negotiated with UL after contract award.
 - All Exploration locations will be located in the field using a handheld GPS or comparable device with accuracy equal to or less than ten (10) feet and marked prior to exploration using cane/bamboo poles placed from a single-man boat such as a kayak or pirogue.
 - Borings will be drilled using single engine airboat-mounted drill set (two airboats) which will be supported by a single engine airboat for crew and supplies. A similar set of equipment used for marsh creation projects is depicted below.

Figure 8: Drilling Equipment



- Due to limitations of access into the smaller lakes, we propose that the borings be completed in University Lake and City Park Lake where boat launches provide the ability to deploy equipment without the need to traverse private property or negatively impact the surrounding areas. However, all final locations of borings will be reviewed with the Technical Advisory committee and adjusted as deemed necessary prior to mobilization.
- Collect geotechnical soil samples continuously at 2-ft intervals to the completion depth of 20-ft.
- Cohesive soils will be sampled using a thin-wall tube sampler.
 - Tube samplers will be a minimum of 3 inches in diameter and sample length will be 24-inches
- Granular soils will be sampled using a split-spoon sampler.
 - Split-spoon samples will be collected for 18-inch sample length unless SPT indicates refusal to be defined as greater than 25 blows per 6 inches or 100 total blows per 18 inches.
- Record SPT N-values in granular soils.
- Backfill the borings to the ground surface with cement-bentonite grout.
- Wooden lathe with flagging will be placed at the completed boring location.

- Undisturbed samples will be transported to our laboratory for extrusion, visual classification and then sealed individually in protective canisters to maintain sample integrity and preserve natural moisture conditions for testing.

A Fugro field manager will be present to maintain oversight and documentation of field activities at all times. We will contact UL representatives immediately if we encounter unusual or unexpected conditions in the field.

3.2 Laboratory Investigation (Task 1 – continued)

The laboratory testing program will be developed once the field logs have been reviewed to assist in classifying the onsite soils. At this time, based on the scope provided by UL and our prior experience at the University Lakes Project, we anticipate performing the following laboratory services:

- Soil classification and physical property tests, including (but not limited to) natural moisture contents, unit dry weights, liquid and plastic limits, specific gravity, organic content, and grain-size analyses.
- Strength tests, including unconsolidated-undrained triaxial compression tests and unconfined compression tests (for the 6 deeper borings).
- One-dimensional consolidation tests (for the 6 deeper borings).

3.3 Analytical Testing (Task 2)

As part of the analysis and characterization of lakebed sediments, a sample will be collected from each of the 20 shallow borings for analytical testing by an accredited laboratory. These will be analyzed for the following constituents:

- Pesticides/PCBs (Method 8081/8082)
- Herbicides (8151)
- Volatile Organic Compounds (8260)
- Semi-Volatile Organic Compounds (8270)
- Lead (6010)
- Other Constituents of Concern (See **Appendix C**)

The results of the analytical testing will be compared to RECAP screening standards and a RECAP report will be issued to the Project Advisor.

3.4 Geotechnical Data Reporting

As the assigned laboratory test data becomes available, we will develop a geotechnical data report of our findings. A breakdown of the reporting is provided below:

- Description of the field exploration work including site map showing all areas of exploration and a log of each sample indicating the sample number, depth of each stratum, soil classification and description, groundwater information, blow counts, and other pertinent observations.
- Summary of site geology and detailed descriptions of the soil encountered.
- Graphical Boring logs
- Summary of Laboratory Test results
- Digital photos of equipment and field activities in jpg format.

All reporting will be reviewed and endorsed by a Professional Geotechnical Engineer Licensed in the State of Louisiana. Our final conclusions will be compiled into a data report. One (1) electronic copy of the report will be submitted for approval by the UL Project Advisor.

4. Special Conditions and/or Assumptions

Several assumptions have been made in developing this cost estimate and are provided below. If these assumptions are not valid, this will constitute a change in scope and project cost:

- A single mobilization/demobilization for one watercraft-mounted drill rig.
- Access, right-of-entry, and any other permits required for site access will be obtained by UL prior to our arrival on-site.
- Borings locations will be free of overhead and underground obstructions. All buried utilities and underground obstructions will be cleared by others prior to our arrival on-site. Fugro will contact Louisiana One Call prior to our mobilization to the site.
- The boring locations will be located in the field by hand-held GPS and by utilizing the Sketch drawings provided in this proposal following approval by UL.
- Fieldwork will be performed in Level D personal protective equipment, which consists of hard hats, safety shoes, safety glasses, gloves, and personal flotation device. If contaminated or hazardous materials are encountered during our field exploration, activities will cease until UL provides us with the results of an environmental assessment of the boring locations. Hazardous or contaminated materials will not be removed from the site.
- If necessary, probing of the boring locations will be completed by others prior to Fugro mobilizing to the project site.
- Cuttings and drilling mud will be spread on-site. The borehole locations will be backfilled with cement-bentonite grout.
- Standby time, permitting, waiting on site access, and any weather-related delays beyond Fugro's control will be billed on an hourly basis.
- Fugro will not be responsible for reclamation of any impacts as a result of field exploration activities
- Our crew will be able to work 10-hour days, Monday through Friday.
- Decontamination of drilling equipment between boring locations will not be required.

- Environmental assessment, evaluation, and/or analyses are outside the scope of this study.
- Identification, mitigation, and/or assessment of biological pollutants, including bacteria, mold, fungi, spores, etc. are beyond the scope of our services for this project.

5. Cost and Terms

- Services will be performed in accordance with terms and conditions on the attached Schedule 40.01.
- We propose to perform the scope of services described herein as summarized on the attached detailed cost summary.
- This proposal will remain valid for a period of 60 days.

6. Schedule of Services

The following anticipated schedule of work was developed based on our understanding of the project requirements and our experience: Typically, field exploration will begin within one (1) to two (2) weeks of Notice to Proceed, depending on equipment availability and coordination of exploration locations at the time of authorization. An anticipated detailed schedule is included below:

- Review proposal with UL and provide revised proposal (if needed) within 1 week of draft proposal submittal
 - Coordinate site access and agree to field work plan with UL within one week of final Proposal Submittal
 - Soil Borings: 20-ft Soil borings are expected to take 2 working days to complete.
 - 5-ft push cores are expected to take 3 working days to complete
 - Standard geotechnical laboratory testing to take approximately 14 working days to complete.
 - Advanced testing such as consolidation testing typically requires up to three weeks to complete
 - Analytical testing typically takes 7-10 business days to complete.
 - Draft Report will be issued about 1 weeks after laboratory testing is completed.
 - Final report will be issued within 1 week from receipt of comments from UL.
- Total project duration is anticipated to be 5-7 weeks from Notice to Proceed.

7. Project Management

Key project management responsibilities include creating clear and attainable project objectives, building the project requirements, and managing the constraints of the accepted Scope of Work, Project Budget, Schedule, Safety, and Quality Standards. Fugro Project Managers act as Client representatives to determine and implement the exact needs of the Client in an effort to ensure Client satisfaction in all key project attributes: Scope, cost, time, safety, and quality. Our Project Managers bridge the gap between the survey crews and the Client and take full responsibility and authority required to complete each project.

Table 9: Project Management Summary

Geotechnical		
Point of Contact	Task	Relevant Experience
Eric Marx, PE (Fugro)	Louisiana Operations, Engineering Analysis	Over 19 Years
Sergio Aviles, PE (APS)	Deep Boring Explorations	Over 15 Years
Jack Koban, PhD, PE, PG (Fugro)	Engineering Analysis	Over 15 Years
Peter Cole (Fugro)	Environmental Analysis	Over 15 Years

8. Quality Assurance/Quality Control

Fugro has a totally integrated Quality Assurance System that is documented, implemented, and under the control of a quality manager. Certification and compliance of this system to the ISO standards listed below verifies our commitment to meet customer needs by providing the proper policies, procedures, and resources. The Quality Assurance System is used to provide job control and promote optimal client communication during all stages of a project – from the initial proposal to final invoicing. Implementation of our Quality Assurance System assures compliance with all applicable regulatory and ecological requirements. For data management, the Fugro quality system provides checks to validate and confirm that all survey data and processed data are interpreted and stored as required. The effectiveness of these business and operational processes are monitored, measured and analyzed as part of our compulsory quarterly management review of the Quality Assurance System which includes surveillance audits and certification renewal audits.

Fugro has qualified for and applied the following standards to our business and operational activities:

Quality Management System:

ISO 9001:2008

Certificate of Registration by World Certification Services, Certificate No. 7984

Provision of Advanced Surveying, Mapping, Regulatory and Ecological Services for Land Applications and Airborne Lidar Data Collection and Interpretation

Occupational Health & Safety Management System:

OHSAS 18001:2007

Certificate of Registration by World Certification Services, Certificate No. OH 1373

Provision of Advanced Surveying, Mapping, Regulatory and Ecological Services for Land Applications and Airborne Lidar Data Collection and Interpretation

Environmental Management System:

ISO 14001:2004

Certificate of Registration by World Certification Services, Certificate No. EN 1325

Provision of Advanced Surveying, Mapping, Regulatory and Ecological Services for Land Applications and Airborne Lidar data Collection and Interpretation

If desired, Fugro will develop and implement a specific project Quality Assurance/Quality Control (QA/QC) plan for this project. Fugro ensures that all surveys and associated documentation will be accurate and will comply with accepted industry standards.

9. Safety

Fugro has developed and implemented an Occupational Health & Safety (OH&S) and Environmental Management System (EMS) to satisfy the needs of our customers, employees, shareholders, and community. We continually strive to improve our employee and company performance in the areas of health, safety, and protection of the environment. Fugro assures that ALL required safety equipment and gear including personal protective equipment (PPE) is included in its tendered prices.

Fugro also strives to prevent wasteful and inefficient operations, avoid damage to property and equipment, show respect for the environment, and, foremost, to protect the safety and well-being of all employees. Fugro employees will acquire all safety training as specified in the contract.

The schedule of safety meetings and drills for this project will include but is not limited to:

- Pre-job safety meetings;
- Pre-job vessel health, safety, and environmental orientation including man overboard, fire, and abandon ship drills;
- Daily tailgate safety meetings prior to each day's operations;
- When a new procedure or piece of equipment is introduced, including a written Job Safety Analysis; and
- Document a Near Miss accident or Injury.

Fugro ensures compliance with all applicable rules, regulations, orders, standards and interpretations promulgated under the Occupational Safety and Health Act (1997) and all other applicable laws, ordinances, rules, regulations and orders of anybody having jurisdiction over safety and health of persons or property or the protection of same to protect them from injury, illness, damage or loss. The Fugro Survey Project Manager or his designee will conduct and document a daily safety meeting at the beginning of each work day. A copy of the daily safety meeting minutes will be furnished upon request.

Fugro ensures that Personal Protective Equipment (PPE) will be utilized and maintained in accordance with the written PPE program. Training in the proper use, maintenance and inspection of PPE is provided to all Fugro employees prior to beginning work. Fugro will supply all required PPE required at the work site. Unless otherwise specified, the minimum PPE includes:

- Hard hats
- Safety glasses with side shields or side impact protection as necessary
- Safety toe shoes/boots (steel/composite toe or approved toe caps)
- Protective clothing with high visibility vest
- Task appropriate gloves



10. Authorization

Authorization of our services can be made through issuance of an executed contract. Please reference this proposal in the body of the contract.

11. Closing

We appreciate the opportunity to prepare this proposal for University Lakes, LLC, and we look forward to working with you on this project. If you need further information or if you have any questions, please contact:

Eric Marx, P.E.

or

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