

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

Section A. Proposer Information

Legal Name: The Beta Group Engineering & Construction Services, L.L.C.	
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CEO/Executive Officer: Murray White	Office Phone Number: (504) 227-2273
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Type of Entity (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.

Murray White
Print Authorized Official's Name

Authorized Official's Signature

President
Authorized Official's Title
11/19/2020
Date

Figure 1

SCHEDULE B to UL RFP for Geotechnical Data Collection and Sediment Sampling Services – COST PROPOSAL TEMPLATE

Project Name: Geotechnical Data Collection and Sediment Sampling Services for University Lakes Project

Proposer shall fill out Exhibit A – Fee Proposal Form for all tasks. Omission of a proposed fee from any task shall result in the proposal being deemed unresponsive and therefore disqualified.

Task 1: Geotechnical Data Collection (10 points maximum)

1. Contractor to provide an order of magnitude unit price to collect 20 soil borings which will be spread over all lakes. The soil borings are to capture the low-density fluff suspended above the lake bottom. The borings will penetrate to an elevation at least five (5) feet below the consolidated Lake bottom. Contractor to provide soil classifications for each core and a summary of the results.
2. Contractor to provide an order of magnitude unit price to collect up to six (6) soil borings to determine settlement along Lake edge. The soil borings will extend to an elevation at least 20 feet below Lake bottom.
3. Unit costs will include all reporting.
4. Order of magnitude unit cost for collecting and testing each soil boring from the lake bottom.
5. Order of magnitude unit cost for collecting and testing each soil boring from the lake edge for expected settlement.

Proposed unit cost per boring from lake bottom = \$ 2,540.35 /boring

Proposed unit cost per boring from lake edge = \$ 4,707.00 /boring

Task 2: Sediment Sampling (10 points maximum)

1. Contractor to provide a lump sum fee to collect sediment samples from the 20 soil borings noted in Task 1. Contractor to include the cost to compile the recap report in the proposed fee.

Proposed Task 2 lump sum fee = \$ 11,500.00

The fees proposed in response to this RFP shall be guaranteed for the term of the Contract. UL requires the proposed or lower negotiated rates for the entire Contract term and any option period.



November 18, 2020

CSRS
6767 Perkins Rd. Suite 200
Baton Rouge, La. 70808

Attn: Project Advisor
PN: (225) 769.0546
EMAIL: lakesinfo@csrsinc.com

Re: Geotechnical Investigation Proposal
Proposed University Lakes (UL) Project
(Geotechnical Data Collection and Sediment Sampling)
Baton Rouge, Louisiana

Dear Advisor,

As per your request, we are pleased to submit this proposal for the referenced project. The following presents our understanding of the proposed project, the required scope of work for geotechnical engineering services, our proposed technical approach, anticipated schedule, and estimated fees.

PROJECT DESCRIPTION AND SCOPE

We understand that based on the information provided from the request for proposal for the "Geotechnical Data Collection and Sediment Sampling Services", dated October 16, 2020, UL is seeking to revitalize six (6) lakes owned by the City of Baton Rouge, in order to improve water quality and reduce flood risk potential. We also understand that approximately three (3) to five (5) feet of sediment will be removed from the lakes.

We have formulated a scope of work for the subsurface investigation, the associated geotechnical laboratory testing, and the engineering services based upon your requirements. Our scope is based on our experience with subsurface conditions in the general vicinity of the project site and the anticipated development.

TECHNICAL APPROACH

The following paragraphs provide the general procedures for field investigation, laboratory testing, and geotechnical engineering services that will be performed for the project.

Field Investigation

As requested, we will drill a total of twenty-six (26) undisturbed soil borings for the project. Six (6) undisturbed soil borings will be drilled continuously to the 20 ft. depth below the consolidated lake bottom 50 feet from the existing banks to determine future settlement along the lakes edges when the spoil material is placed in this general vicinity , (one (1) boring per lake) and twenty (20) undisturbed soil borings will be drilled continuously to the 5 ft. depth below the consolidated lake bottom (allocated proportionally to the sizes of each lake) and these locations will be provided by others.

The soil borings will be sampled continuously within the upper 20 feet of the borings. Undisturbed steel wall tube samples (similar to ASTM D 1587) will be secured in cohesive materials and standard penetration tests (ASTM D 1586) will be performed in cohesionless or semi-cohesive soils.

We will utilize an Air-Boat mounted drill rig with a wet rotary type rig to complete the undisturbed soil borings. We will also utilize a support boat for transporting people, as well as samples daily.

Laboratory Testing

Geotechnical laboratory testing will be performed on selected samples collected during the investigation. All geotechnical tests are performed in general accordance with the appropriate ASTM standards. In general, the program will consist of the following tests:

- Strength tests (unconfined and/or triaxial),
- Classification tests (Atterberg Limits and/or particle size),
- Chemical tests, (see attached sheet),
- Others as appropriate.

Geotechnical Engineering

Following the collection of the field and laboratory data, a geotechnical engineer will perform the evaluations necessary to characterize the subsoil conditions of the site. Additionally, the following engineering recommendations and analyses will be performed:

- Estimates of settlements, and
- General construction procedures and recommendations.

SCHEDULE

We anticipate mobilizing to the site within one (1) month after receiving the NTP, and/or any permits needed. We will also furnish a geotechnical report within two (2) months of completing the soil borings. Preliminary findings can be provided as they are developed.

FEES

Based on the scope of services outlined above, please see the attached Schedule B sheet Tasks 1 & 2.

This cost estimate is based on the scope of work defined for the project and in part on an estimate of required services (types and number of laboratory tests, and engineering time required). The Beta Group (TBG) will be available to answer any questions or give follow-up clarifications without additional charge unless the questions or clarifications require additional analysis outside the defined scope of work.

A significant consideration with respect to the fee estimate is accessibility of the site with our equipment and determination of underground utilities. The fee for this project is based on the presumption that the site is accessible to our equipment and that all underground utilities will be located prior to our arrival at the site. Field delays, other than weather, due to no fault of TBG will be charged at \$250.00 per hour.

We will not exceed our quoted budget unless the nature of the project changes or the site is not accessible to our truck mounted equipment. Your approval will be secured before any extra charges are incurred.