



# Soils & Engineering Services, Inc.

May 27, 2022

Proposal 913.5223

Sauk County  
Brent Miller, Administrator  
57995 White Mount Drive  
Hillpoint, Wisconsin 53937

Subject: Geotechnical Drilling and Sampling Services  
Hemlock Dam  
Sauk County, Wisconsin

Greetings Mr. Miller,

We are submitting this proposal in response to the request of Mr. Adam Schneider, P.E., of Ayres Associates, Inc. on May 9, 2022. The requested work scope is to drill and sample one 20-foot soil boring, or to auger refusal is encountered shallower than the scheduled soil boring depth. The soil boring location is anticipated to require the use of an off-road drilling rig.

The scope of work is summarized as follows.

- Mobilize one rubber track drilling rig.
- Drill and sample one 20-foot soil boring, with sampling at 2.5-foot intervals.
- Collect one bulk sample of soil from the auger cuttings.
- Bentonite backfill the borehole.
- Contact Diggers Hotline for public utility locating and marking.
- Thin-spread the soil cuttings at the soil boring location.
- Laboratory testing of soils for hydrometer and Proctor values.
- Laboratory classification of the soils and preparation of a computer-generated soil boring log.
- Summary report with the laboratory test results and soil boring log.

Surveying for the soil boring location and ground elevation will be provided by Ayres Associates, Inc.

The total estimated charge for the one 20-foot soil boring and the requested laboratory testing is \$2,010.00, excluding engineering analyses. We will charge for the total footage drilled and sampled for the soil boring.

We will adjust the soil boring location as needed to avoid marked utility lines, trees, guy wires, landscaping, and other obstructions; and taking into account accessibility with the drilling rig.

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The total estimated charge does not include private utility locate, site surveying, encountering contaminated soil or groundwater, roadway or occupancy permits, traffic control, pavement coring, drilling through concrete, snow plowing or removal, tree cutting or removal, providing or setting matting for equipment access over soft or landscaped ground, crane rental, working at night or on weekends, crop damage payments, repair of damage to landscaping or the ground surface by the drilling equipment, laboratory testing, drilling inside of structures, nor engineering analysis or a report. Our crew will leave the soil cuttings generated from the soil boring at the drilling site.

Please contact us if you have any questions regarding this submittal or if you need any additional information.

Respectfully submitted,

**SOILS & ENGINEERING SERVICES, INC.**



Duane E. Reichel, PE

DER:JAJ:wsr

**APPROVAL OF PROPOSAL**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**BID SUMMARY**

<b>Item</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Charge</b>	<b>Item Charge</b>
• Mobilization/demobilization	Lump sum	1	\$850.00	\$850.00
• Per diem expenses	Per day	0	\$300.00	\$0.00
• Drilling and sampling with HSA				
0' to 20' below grade	Per foot	20	\$16.00	\$320.00
20' to 40' below grade	Per foot	0	\$18.00	\$0.00
Dense drilling surcharge (>50 bpf)	Per foot	0	\$10.00	\$0.00
• Shelby tube samples (3" dia.)				
0' to 20' below grade	Each	0	\$65.00	\$0.00
• Bedrock coring				
Equipment set up	Per boring	0	\$350.00	\$0.00
Coring with NQ equipment	Per foot	0	\$65.00	\$0.00
• Borehole abandonment	Per foot	20	\$5.00	\$100.00
• Public underground utility check	Lump sum	1	\$65.00	\$65.00
• Asphalt cold-mix patch	Each	0	\$55.00	\$0.00
• Standby, delay, or field time for the drilling crew	Per crew-hour	0	\$265.00	\$0.00
• Soil classification and computer-generated soil boring log	Per boring	1	\$95.00	\$95.00
• Laboratory testing				
Moisture content	Per sample	1	\$10.00	\$10.00
Atterberg limits	Per sample	0	\$65.00	\$0.00
Sieve analyses with washed #200	Per sample	0	\$95.00	\$0.00
Sieve and hydrometer analyses	Per sample	1	\$185.00	\$185.00
Proctor curve	Per sample	1	\$185.00	\$185.00
Surcharge for clay preparation (for Proctor testing)	Per sample	0	\$120.00	\$0.00
• Project administration and summary report	Lump sum	1	\$200.00	\$200.00

**TOTAL ESTIMATED CHARGE = \$2,010.00**



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The charges presented are estimates only, based on the information provided to us. The invoiced amount for this project will be based on the actual quantities related to this project. Additional charges may be invoiced depending upon the requirements to complete the project. No allowances are included for working on weekends, holidays, before 6:30 am or after 6:00 pm. Permits to work on private or public property, including state highway occupancy, are the responsibility of Sauk County.

