

AMIRI ENGINEERING CORP.

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September 5, 2024

Mr. Gerald Smith, Facilities Director
The City of Madison
100 Hughes Road
Madison, Alabama 35758

Subject: Proposal to Provide Supplemental Subsurface Exploration and Geotechnical Report to Include Rock Coring ND Air Tack Drilling Proposed Outfield Building; Toyota Field, Madison, Alabama
AMIRI Proposal No. P244598

Dear Mr. Smith:

At the request of Mr. Jeff Castella and Mr. Kris Bomar, PE, we are providing this proposal for performing the following:

1. Auger borings at four (4) locations to reach the auger refusal depths. and perform rock coring at two (2) of the borings. We are proposing to core at least 10 feet of solid rock at each cored location. In the event the upper rock is weathered and/or solutioned/cavitated, deeper rock coring of up to 25 feet is included.
2. Perform Air Track drilling at all 25 column locations. The air track holes will be extended to the bedrock and at least 10 feet into the rock.

If we perform the soil boring and rock coring only, we are planning to drill at the same locations original borings were drilled to expedite the operations and reduce costs associated with hiring services of an underground utility service.

If Air Track drilling is utilized, an underground utility service will be hired to help avoid drilling through the underground utilities.

Our costs associated with these services will be as follows:

A. Auger borings and Rock Coring

Mobilization Demobilization of drilling rig,	\$ 700.00
Mobilization of water truck and support truck,.....	\$ 350.00
Soil Boring, 4 borings to 50 LF, total 200 LLF @ \$14.00/LF.....	\$ 2800.00
Rock Coring, Set Up and water supply, 2 locations at \$500.00/location.....	\$1000.00
Rock Coring, 50 LF @ \$60.00/LF.....	\$3,000.00
Backfill borings and Site Clean Up,.....	\$1400.00
Professional Engineer, coordination, site observation and report preparation, 23 Hours @ \$115.00/hr.....	\$ 2645.00
TOTAL FOR BORINGS AND ROCK CORING	\$11,895.00

B. Air Track Drilling and Report

We understand that there are currently 25 column locations. It is anticipated that Air Track drilling at 25 locations may be completed in three (3) days. With that schedule, costs associated with Air Track Drilling and a report will be as follows:

Subcontractor Charge for Underground Utility Service, at 25 locations.....	\$ 3500.00
Mobilization/Demobilization of Air Track, support trucks and crew from Birmingham or Nashville.....	\$ 3,300.00
Air Track Drilling, 3 days @\$3500.00/day.....	\$10,500.00
Backfill 25 boreholes and site clean up, extensive efforts due to blown air track dust,.....	\$ 3,500.00
Engineering Staff for Layout and Logging test holes, 30 Hours @ \$60.00/hr.	\$ 1800.00
Professional Engineer, Coordination, Site Visits, and Report Preparations 24 Hours @ \$ 115.00/hr.....	\$ 2760.00
TOTAL FOR AIR TRACK DRILLING AND REPORT	\$25,360.00

If problem subsurface conditions are encountered that would necessitate further exploration, we will notify you. The budget will not be exceeded without prior approval.

We appreciate the opportunity to provide this proposal and look forward to beginning the upcoming work. If you have any questions regarding the information contained herein, please do not hesitate to contact our office.

Sincerely,

AMIRI ENGINEERING CORP.



Nasser Amiri, MSE, P.E.
Senior Geotechnical Engineer