



GEOTECHNOLOGY INC
FROM THE GROUND UP



LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT

**BID #62-2021 Construction Material Sampling,
Testing and Special Inspections**

June 21, 2021



June 17, 2021

P038720.01

Mr. Brian Marcum, Purchasing Director
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, Kentucky 40507

Re: BID #62-2021 Construction Material Sampling, Testing and Special Inspections

Dear Mr. Marcum,

In response to the Lexington-Fayette Urban County Government (LFUCG) Request for Proposals bid invitation issued on June 7, 2021, Geotechnology, Inc. respectfully submits the following firm qualifications to provide professional Construction Material Sampling, Testing and Special Inspections. Enclosed in this submittal you will find an overview of many services Geotechnology can provide LFUCG without delay.

Geotechnology has ten offices throughout the Midwest and Midsouth, with offices in both Lexington and Erlanger, Kentucky. We have the resources and staff readily available to provide our services in a timely and responsive manner. Our Construction Materials Testing Group, led by Kevin Weaver, CMT/SI Group Manager, with over 25 years of experience, include qualified trained staff to perform Special Inspections per the International Building Code (IBC). Our CMT field representatives are certified by International Code Council (ICC), American Concrete Institute (ACI), Post-Tensioning Institute (PTI), American Society for Non-Destructive Testing (ASNT), American Welding Society (AWS), National Concrete Masonry Association (NCMA), and National Institute for Certification of Engineering Technologies (NICET). Many of our field representatives hold multiple certifications.

Geotechnology is prequalified with the Kentucky Transportation Cabinet (KYTC) and we are confident we will be able to satisfy the needs of LFUCG. We look forward to the opportunity to provide you with our professional services. Should you have any questions regarding information found within this package please contact me at 859-226-0761 or by email at lczor@geotechnology.com.

Respectfully,
GEOTECHNOLOGY, INC.

Lee J. Czor, P.E.
Office Leader, Business Development

LJC:ket/msr

Enclosures: Qualifications Package



QUICK STATS

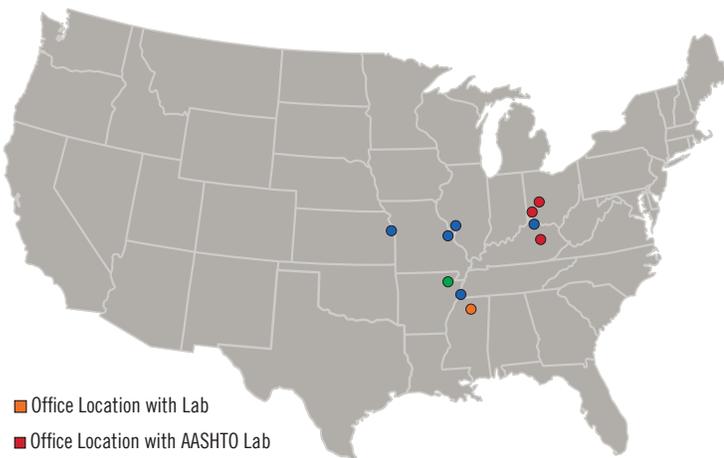
- Over 185 Employees
- 37 Professional Engineers
- 8 Environmental Scientists
- 13 Registered/Professional Geologists
- 2 Geophysicists
- OSHA recordable incident rate nearly 70% less than our industry's average
- Serving clients in the Midwest and Midsouth since 1984
- 20 exploration rigs plus our Cone Penetrometer Testing (CPT) rig, GeoProbe 3230 Combo rig and GeoProbe 7822DT Combo rig and services through Geotechnology Exploration, LLC
- See our map below for our laboratory locations and accreditations/validations

Geotechnology, Inc. is an S Corporation founded in 1984. Our Erlanger and Lexington, Kentucky offices, and Cincinnati and Dayton, Ohio offices, allow us to effectively serve clients in the East Region. Our other office locations are: Memphis, Tennessee; Oxford, Mississippi, Jonesboro, Arkansas; Overland Park, Kansas; Fairview Heights, Illinois; and our Corporate Headquarters in St. Louis, Missouri.

Geotechnology acquired Memphis-based Hall, Blake & Associates in 2010, EOI - Illinois in 2013 and Thelen Associates, Inc. with offices in Ohio and Kentucky in 2015, expanding our geographic service area and enhancing the services we can provide our clients to include a comprehensive range of consulting services in applied earth and environmental sciences; exploration; geotechnical engineering; soils, rock, and construction materials testing; non-destructive testing; special inspections; geophysics and deep foundation testing. Technical expertise, thorough knowledge of regulations, and strong management capabilities form a solid foundation for resolution of the most complex and challenging engineering issues.

Geotechnology focuses on providing the professionals and resources that best fit our client's goals and are necessary to successfully accomplish their projects. This approach allows us to provide more flexibility to our schedule, develop cost efficiencies and better manage day-to-day processes and challenges on site. In addition to over 185 associates and ten offices, Geotechnology makes capital investments to provide responsive services. This includes a fleet of 20 exploration rigs through Geotechnology Exploration, LLC (a single member limited liability company founded in 2020), our comprehensive USACE validated and AASHTO-approved construction materials and QA/QC soils testing laboratories, and our own non-destructive testing and geophysical equipment.

LABORATORIES & CERTIFICATIONS



- Office Location with Lab
- Office Location with AASHTO Lab
- Office Location with USACE Lab
- Office Location with AASHTO/USACE Lab

CONTACT US

Contact Name: Lee Czor, P.E., Office Leader, Business Development
PH: 859-226-0761 | Email: lczor@geotechnology.com

Lexington, Kentucky

Erlanger, Kentucky

125 Trade Street, Suite D, Lexington, Kentucky 40511
P 859.226.0761 | F 859.226.0763

1398 Cox Avenue, Erlanger, Kentucky 41018
P 859.746.9400 | F 859.746.9408

geotechnology.com

Firm Qualifications

CCRL/AMRL

Geotechnology's Lexington, Kentucky and Erlanger, Kentucky laboratories have been inspected by the Cement and Concrete Reference Laboratory and AASHTO Materials Reference Laboratory.

USACE Validation

Geotechnology's Erlanger, Kentucky office laboratory is USACE validated.

AASHTO Accreditation

Lexington, Kentucky

Quality Management System - accredited since 6/19/2020

- R18, C1077 (Concrete)

Aggregate - accredited since 6/19/2020

- R76, T11, T21, T27, T85, T255, C40, C117, C127, C136, C566, C702

Concrete - accredited since 6/19/2020

- M201, R60, T22, T23 (Cylinders), T119, T121, T152, T196, T231 (6000 psi and below), T309, C31 (Cylinders), C39, C138, C143, C172, C173, C231, C511, C617 (6000 psi and below), C1064, C1231 (7000 psi and below)

Erlanger, Kentucky

Quality Management System - accredited since 2/15/1998

- R18, C1077 (Aggregate), C1077 (Concrete), D3740 (Soil), E329 (Aggregate), E329 (Concrete), E329 (Soil)

Soil - accredited since 2/15/1999

- R58, T88, T89, T90, T99, T100, T180, T193, T208, T216, T236, T265, T267, T296, T297, T310, D421, D422, D698, D1140, D1557, D1883, D2166, D2216, D2435, D2487, D2488, D2850, D2974, D4318, D4767, D4972, D5084, D6938

Rock - accredited since 8/9/2011

- D4543, D4644, D5731, D7012

Aggregate - accredited since 8/1/1999

- R76, T11, T21, T27, T84, T85, T96, T112, T113, T255, C40, C117, C123, C127, C128, C131, C136, C142, C535, C566, C702

Concrete - accredited since 2/15/1998

- M201, R39, R60, T22, T23, T24, T97, T119, T121, T152, T177, T196, T231 (6000 psi and below), T309, C31, C39, C42, C78, C138, C143, C172, C173, C192, C231, C293, C511, C617 (6000 psi and below), C803, C1064, C1074, C1231 (7000 psi and below), C1542

St. Louis, MO | Erlanger, KY | Memphis, TN

Overland Park, KS | Cincinnati, OH | Fairview Heights, IL | Lexington, KY

Dayton, OH | Oxford, MS | Jonesboro, AR



Project Team Qualifications

Team Member / Years Experience	Role/Position	Local Office Location	Contact Information	Required Qualifications
Project Manager				
Lee Czor, P.E. 25 years	Office Leader, Business Development / Principal Engineer	Lexington, KY	859-226-0761 lczor@geotechnology.com	Professional Engineer: KY, OH, IN
Project Engineers				
John Nealon, Ph.D., P.E., P.G. 35 years	Principal Geotechnical Engineer	Erlanger, KY	859-746-9400 jnealon@geotechnology.com	Professional Engineer: KY, OH, IN, MO, AZ Professional Geologist: KY
Joseph Hauber, P.E. 19 years	Principal Geotechnical Engineer	Erlanger, KY	859-746-9400 jhauber@geotechnology.com	Professional Engineer: KY, OH, IN
William Basich, P.E. 19 years	Senior Project Manager	Erlanger, KY	859-746-9400 wbasich@geotechnology.com	Professional Engineer: KY, OH
Andrew Casto, P.E. 25 years	Senior Project Manager	Erlanger, KY	859-746-9400 acasto@geotechnology.com	Professional Engineer: KY, OH
Michelle Casto, P.E. 19 years	Senior Engineer	Erlanger, KY	859-746-9400 mcasto@geotechnology.com	Professional Engineer: KY, OH
Richard Bach, P.E. 6 years	Project Engineer	Erlanger, KY	859-746-9400 rbach@geotechnology.com	Professional Engineer: KY, OH
Field Technicians				
Kevin Weaver, P.E., CWI 25 years	CMT/SI Group Manager	N/A	513-825-4350 kweaver@geotechnology.com	Professional Engineer: KY, OH, IN
Jacob Walker 5 years	Testing Supervisor	Lexington, KY	859-226-0761 lwalker@geotechnology.com	ACI Concrete Strength
Christopher Wilhelm 15 years	CMT Project Manager	N/A	513-825-4350 cwilhelm@geotechnology.com	
Marie Musial 3 years	CMT Manager Assistant	Erlanger, KY	859-746-9400 mmusial@geotechnology.com	ACI Concrete I, ACI Aggregate I, ACI Concrete Strength, NICET Soils I
Adam Greene 6 years	Senior Field Representative	Lexington, KY	859-226-0761 agreene@geotechnology.com	ACI Aggregate I, ACI Concrete Lab I, ACI Concrete Lab II, ACI Concrete Strength
Paul Reed 35 years	Senior Field Representative	Erlanger, KY	859-746-9400 preed@geotechnology.com	NICET Asphalt I, NICET Soils I, NICET Concrete I
George Darby 35 years	Senior Field Representative	Erlanger, KY	859-746-9400 gdarby@geotechnology.com	

Project Team Qualifications

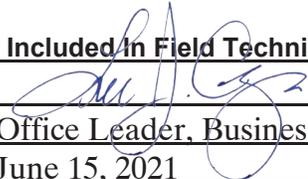
Team Member / Years Experience	Role/Position	Local Office Location	Contact Information	Required Qualifications
Nathaniel Sheilds 1 year	Field Representative III	Erlanger, KY	859-746-9400 nsheilds@geotechnology.com	
Justin Casey 1 year	Field Representative III	Erlanger, KY	859-746-9400 jcasey@geotechnology.com	ACI Concrete I
Dobry Dimitrov 17 years	Field Representative III	Erlanger, KY	859-746-9400 ddimitrov@geotechnology.com	NICET Soils II
Ivan Ivanov 25 years	Field Representative III	Erlanger, KY	859-746-9400 iivanov@geotechnology.com	ACI Concrete I, NICET Soils II
Donald Prindle 16 years	Field Representative III	Erlanger, KY	859-746-9400 dprindle@geotechnology.com	ACI Concrete I, NICET Soils II
Brett Stephenson 19 years	Field Representative III	Erlanger, KY	859-746-9400 bstephenson@geotechnology.com	
Ben Dorsey 3 years	Fields Representative III	Erlanger, KY	859-746-9400 bdorsey@geotechnology.com	ACI Concrete I
Ambrose Davis 3 years	Field Representative II	Erlanger, KY	859-746-9400 adavis@geotechnology.com	ACI Concrete I
Laboratory Technicians				
Suzanna Cooke 2 years	Laboratory Technician	Erlanger, KY	859-746-9400 scooke@geotechnology.com	

Geotechnology, Inc. is comprised of ten offices within eight states throughout the Midwest and Midsouth with over 185 employees. Additional staff from other offices that meet required qualifications will be available on an as needed basis.

Concrete Materials Sampling and Testing Fee Proposal

No.	Description	Quantity	Unit	Unit Price	Total
1	Field Technician Services to Include	1,100	Hour	\$47.50	\$52,250.00
	Concrete Air Tests*				
	Concrete Slump Tests*				
	Concrete Cylinders Made*				
	Mortar Cubes Made*				
	Subgrade Moisture/Density (Soil)*				
	Moisture Content (Soil)*				
2	Concrete Cylinders Broken	1,000	Each	\$13.00	\$13,000.00
3	Mortar Cubes Broken	50	Each	\$13.00	\$650.00
4	Shotcrete Panel Test (includes Panel)	10	Each	\$575.00	\$5,750.00
5	Asphalt Density	20	Each	\$56.00	\$1,120.00
6	Rock Bearing *	10	Each		
7	Special Inspections*	50	Hour		
8	Monthly Report by PE or PM	24	Each	\$158.00	\$3,792.00
9	Particle Size Distribution (Soil)	1	Each	\$126.00	\$126.00
10	Atterberg Limits	25	Each	\$91.00	\$2,275.00
11	Plasticity Index	25	Each	\$91.00	\$2,275.00
12	Soil Classification	25	Each	\$197.00	\$4,925.00
13	Density - Permeability	25	Each	\$379.00	\$9,475.00
14	Project Manager	1	Hour	\$158.00	158
15	Professional Engineer (P.E.)	1	Hour	\$164.00	164
16	Field Technician	1	Hour	\$47.50	47.5
17	Laboratory Technician	1	Hour	\$70.00	70
18	Clerical	1	Hour	\$90.00	90
				Total Base Bid	\$96,167.50

*** Included in Field Technician Services**

Signed: 
 Title: Office Leader, Business Development
 Date: June 15, 2021

Printed: Lee Czor, P.E.
 Firm: Geotechnology, Inc.