

P. O. Box 19172
New Orleans, LA 70179

Tel: (504) 486-5595
Fax: (504) 486-5598
www.soeearth.com



Geotechnical, Environmental & Construction Materials Testing

July 18, 2024

Jefferson Parish Council
c/o Eula Lopez, Parish Clerk
General Government Building
200 Derbigny St. Suite 6700
Gretna, LA 70054

**RE: Statement of Qualifications
Laboratory Services for Testing and/or Inspection of Materials and
Equipment for Public Work Projects – SOQ 24-023**

Dear Eula:

We are pleased to present our qualification submittal to provide the testing and inspection services which you have requested. Attached are copies of the following documents for your review:

1. Completed Jefferson Parish TEC Questionnaire and Affidavit
2. Statement of Qualifications and Resumes of Key Personnel
3. Copy of Accreditation Certificate from the American Materials Reference Laboratory.
4. Validation Letter from the U. S. Army Corp of Engineers
5. Registration Certificates from the Louisiana Professional Engineering and Land Surveying Board
6. Certificate of Insurance

We are fully insured including professional liability coverage.

Thank you for the opportunity to serve you and please call us should you have any questions.

Sincerely yours,
SOUTHERN EARTH SCIENCES, INC.

Ken Meyn, P.E.
District Manager

/Attachments

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ NO. 24-023 Laboratory Services as needed for Inspections of Materials and Equipment

B. Firm Name & Address:

Southern Earth Sciences, Inc.
725 South Genois Street
New Orleans, LA 70119

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Kenny Meyn, P.E. (LA PE #24945) - District Manager
725 South Genois Street, New Orleans, LA 70119
Email: kmeyn@soearth.com
Ph: (504) 486-5595

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Matt Coaker, P.E. (LA PE #36498) - Vice President
5460 Rangeline Road, Mobile, AL 36695
mcoaker@soearth.com
251-344-7711

E. Please provide the number of employees whose primary function corresponds with each category:

1 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	_1_ Geotechnical Engineers	___ Graduate Engineers
1 Civil Engineers	___ Interior Designers	_2_ Project Managers
18 Construction Inspectors	___ Landscape Architects	_1_ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
1 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		___25_ TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.

2.

H. Has this JOINT-VENTURE previously worked together? Please check:
YES NO

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1.		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Kenny Meyn, P.E. - New Orleans Branch Manager

Project Assignment:

Civil Engineer/Project Manager providing construction materials testing, soil testing, and special inspections oversight.

Name of Firm with which associated:

Southern Earth Sciences, Inc.

Years' experience with this Firm:

38 years

Education: Degree(s)/Year/Specialization:

B.S./1984/Civil Engineering
University of New Orleans

Active registration: Year first registered/discipline:

Louisiana P.E. #24945 (1992)

Other experience and qualifications relevant to the proposed Project:

Mr. Meyn is the Louisiana Regional Manager for Southern Earth Sciences, Inc. He supervises three (3) welding Inspectors, ten (10) vibration Technicians, three (3) post tension Inspectors, fifteen (15) concrete Technicians, and two (2) roofing Inspectors. Reviews all related QA/QC reports and oversees any problem items which may arise during construction. Visits job sites regularly and attends preconstruction and during construction meetings on major projects.

Mr. Meyn also reviews and approves the Geotechnical Engineering Reports for the Mandeville, and Baton Rouge office locations. Mr. Meyn is directly involved in the geotechnical engineering, especially pertaining to construction considerations and deep foundation systems. Mr. Meyn has extensive experience with deep foundation systems in the New Orleans and North Shore areas as well as construction considerations pertaining to vibration and settlement issues.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Matt Coaker, P.E. - Vice President
Project Assignment:
Geotechnical Engineer
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
18 years
Education: Degree(s)/Year/Specialization:
B.S./2004/Civil Engineer/University of South Alabama
Active registration: Year first registered/discipline:
Louisiana P.E. #36498 (2011) Alabama P.E. #30835 (2009) Mississippi P.E. #20350 (2011) Florida P.E. #73448 (2011)
Other experience and qualifications relevant to the proposed Project:
Mr. Coaker's experience includes coordinating geotechnical explorations, performing foundation analyses and preparing foundation reports for various types of projects including bridges, roads, communication towers, multi-story hotel and condominium structures, maritime facility infrastructure (i.e. bulkheads, piers, moorings, dolphins, wharfs, etc.) and various other commercial and industrial building structures. Training and expertise includes: ASCE – Design and Construction of MSE Walls; Geopier – Designing with Rammed Aggregate Pier Systems; Pile Driving Contractors Association/Pile Dynamics – High Strain Dynamic Pile Testing Workshop; Federal Highway Admin/Highway Institute – Design and Construction of Driven Pile Foundations; Drilled Shaft Construction and Design Procedures; Micropile Design and Construction; LRFD for highway Bridge Structures; and Rock Slopes.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Rafael Juan "RJ" Gonzales, III, P.E. - CMT Department Manager
Project Assignment:
Construction Materials Project Manager
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
21 years
Education: Degree(s)/Year/Specialization:
B.S./2004/Civil Engineer/University of South Alabama
Active registration: Year first registered/discipline:
Louisiana P.E. #39330 (2014) Alabama P.E. #31950 (2011) Mississippi P.E. #20449 (2011)
Other experience and qualifications relevant to the proposed Project:
R.J. Gonzales, III, P.E. expertise lies in roadway and paving design, construction materials testing, shallow foundation design, deep foundation design, settlement monitoring instrumentation and vibration monitoring. He served as SES's Project Engineer on the ThyssenKrupp project for more than six years overseeing work on multiple subcontracts for initial site rough grading, construction materials testing and pile monitoring. At the height of the project, R.J. oversaw 16 technicians who performed work from a mobile on-site laboratory. R.J. is a member of the American Society of Civil Engineers (ASCE), Association of General Contractors (AGC) Mobile Chapter, and AGC's Young Constructors Forum. He is a 2013 graduate of Leadership Mobile and was recognized in 2018 as a 40 Under 40 honoree for Alabama's AGC.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Daniel McGough, P.E. - Geotechnical Project Engineer
Project Assignment:
Geotechnical Engineer
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
9 years
Education: Degree(s)/Year/Specialization:
M.S./2004/Civil Engineer/Virginia Polytechnic Institute and State University B.S./2003/Civil Engineer/University of South Alabama
Active registration: Year first registered/discipline:
Louisiana P.E. #43539 (2019) Alabama P.E. #36166 (2016) Mississippi P.E. #27693 (2016) Florida P.E. #81840 (2016) Texas P.E. #134483 (2019)
Other experience and qualifications relevant to the proposed Project:
Daniel joined Southern Earth Sciences, Inc. (SES) in 2016 with 12 years of previous experience and serves as a Senior Engineer in our Geotechnical Engineering Department. He provides technical expertise for a range of subsurface exploration and geotechnical consulting projects. He coordinates geotechnical field exploration activities, interprets geotechnical field test and laboratory data, performs geotechnical analyses, prepares written geotechnical reports with interpretation of data and recommendations for design and construction, and provides engineering consulting in the design and construction phases of various structures and facilities. He provides expertise in shallow and deep foundations, settlement evaluation and mitigation, slope stability, and earth retaining structures. Daniel is active in professional organizations including AGC, ASCE, DFI, and SAME

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Project Assignment:
Name of Firm with which associated:
Years' experience with this Firm:
Education: Degree(s)/Year/Specialization:
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Avenue "D" Drainage, Phase V, DPW No. 2010-003-DR Jefferson Parish Department of Engineering 18169 E. Petroleum Drive, Ste. A Baton Rouge, LA 70809 Jared Monceaux, P.E.	Southern Earth Sciences, Inc. performed quality control services for Jefferson Parish DPW through Hartman Engineering. Our field personnel performed, sampled, tested, monitored and certified soils, concrete, reinforcing steel and vibration monitoring services. Project included reconstruction drainage from West Bank Expressway to 6th Street.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April, 2013 \$50,724.00	N/A	Hartman Engineer 18169 E. Petroleum Dr. Suite A Baton Rouge, LA 70809

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
FEMA Submerged Rd. Jefferson Parish Dept. of Capital Project Through Linfield Hunter & Junious Mark Annine 3608 18th Street, Suite # 200 Metairie, LA 70002	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September, 2011 \$100,084.00	N/A	Linfield Hunter & Junious Mark Annine 3608 18th Street, Suite # 200 Metairie, LA 70002

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Bucktown Harbor Shelter Jefferson Parish No. 2009-044A-RB Ryan Breaux Jefferson Parish Engineer Dept. 1221 Elmwood Park Blvd Harahan, LA 70123 Rbreaux@jeffparish.net	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February, 2014 \$2,000.00	N/A	Ryan Breaux Jefferson Parish Engineer Dept. 1221 Elmwood Park Blvd Harahan, LA 70123

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Acadian Trace Subdivision Marrero, LA Lary Sampey Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447 985-845-4520	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March, 2015 \$10,300.00	N/A	Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Westwood Crossing Subdivision Marrero, LA Lary Sampey Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447 985-845-4520	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May, 2014 \$2,500.00	N/A	Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ochsner Main Campus Expansion 1516 Jefferson Hwy Jay Britsch Ochsner Health Facilities Development 1450 Poydras, Suite 300 New Orleans, LA 70112 504-842-7739	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 to present \$550,000.00	N/A	Ochsner Health Facilities Development 1450 Poydras, Suite 300 New Orleans, LA 70112

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Parish Crime Lab Office Jefferson Parish Sherriff Office 1233 Westbank Exp. Harvey, LA 70058 Ladd Ehlinger 504-455-8911	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July, 2014 \$4,000.00	N/A	Ladd Ehlinger Architect 504-455-8911 ladd@ehlinger.com

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bonnabel School Field House Renovation Metairie, LA Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072 David Gilmore david.gilmore@jppss.k12la.us	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November, 2012 \$2,500.00	N/A	Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Marie Riviere Elementary School 1564 Leak Ave. Metairie, LA Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072 David Gilmore david.gilmore@jppss.k12la.us	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November, 2016 \$15,000.00	N/A	Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Rio Vista Subdivision Extension Jefferson, LA John Drennan, LLC 8518 Oak St. New Orleans, LA 70118 Jon@jwdrennanllc.com	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April ,2016 \$2,780.00	N/A	John Drennan, LLC 8518 Oak St. New Orleans, LA 70118

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Jefferson Parish
State of Louisiana

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: *K. D. Meyer* Print Name: KEN MEYER
 Title: District Manager Date: 7-18-24

Statement of Qualifications

AFFIDAVIT

STATE OF LA

PARISH/COUNTY OF ORLEANS

BEFORE ME, the undersigned authority, personally came and appeared: KENNETH MEYN, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized DISTRICT MANAGER of SOUTHERN BATH SCIENCES, INC. (Entity), the party who submitted a Statement of Qualifications (SOQ) to JEFFERSON PARISH GOVERNMENT (Briefly describe the services the SOQ will cover), to the Parish of Jefferson. MATERIALS TESTING SERVICES

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

Subcontractor Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned SOQ.

Choice B There are **NO** subcontractors which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Kenneth J. Meyer
Signature of Affiant

KENNETH J. MEYER
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

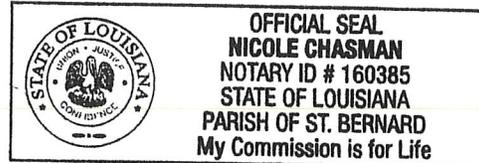
ON THE *18th* DAY OF *July*, 20*24*.

Nicole Chasman
Notary Public

Nicole Chasman
Printed Name of Notary

160385
Notary/Bar Roll Number

My commission expires *at death.*



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www.seeearth.com



Geotechnical, Environmental & Construction Materials Testing

July 18, 2024

STATEMENT OF QUALIFICATIONS

TO: **Jefferson Parish Government**

FROM: **Southern Earth Sciences Inc.**

PROJECT: **Construction Materials Testing Services**

PURPOSE: Southern Earth Sciences, Inc., New Orleans office, formally requests consideration for selection as your Construction Materials Testing Agency for your projects.

SESI has provided quality assurance testing as an independent testing laboratory for the past 47 years to the construction industry. By maintaining American Concrete Institute and, American Welding Society, and other Certified Technicians, we feel that our firm is fully qualified to be retained to perform the construction materials services which will be required on your upcoming projects. The following information about our firm is provided for your consideration.

GENERAL QUALIFICATIONS: Southern Earth Sciences, Inc. a Registered Louisiana Engineering Firm, complies fully with the requirements for Testing Agencies as listed in the latest edition of ASTM C 1077, D3666, ASTM 3740 and ASTM E329. Initially accredited in 1994, the re inspection of our facilities by the American Association of State Highway and Transportation Officials has been completed and attached is a copy of the latest Certificate of Accreditation by AASHTO. Also validated by the U.S. Army Corps of Engineers.

BRIEF HISTORY: Our firm prior to 2006 was known as Delta Testing and Inspection, Inc. and was founded on August 1, 1962, by Malcolm A. Meyn, Patrick M. McGowan, and George A. Mansour, Jr. The home office was established in New Orleans with a Branch Office in Baton Rouge and Mandeville, La. Starting with 3 employees, the firm grew steadily and today has 125 dedicated and conscientious employees. Throughout the years, we have focused our interest in Geotechnical and Construction Materials Testing, and is today one of the most widely known and highly regarded such firms in the region.

CURRENT STATUS: Today, our operating structure consists of six offices spanning the Central Gulf Coast. The New Orleans office, which would service this job, operates with three managers, two full time Registered Professional Civil Engineers, two Secretaries, a Comptroller, 15 full time and 10 part time Inspectors and Technicians.

PAST EXPERIENCE: SESI Testing's Management Personnel have over 150 years of combined material testing experience. This experience is a valuable asset to any project team. Our New Orleans office has provided Testing laboratory services on many different types of heavy and commercial construction projects continually since it was founded. The projects have ranged from small additions, to large and complex developments of every kind. We have always succeeded in fulfilling the requirements of our contractual agreements. We believe that our success is based on a high level of Management interest in every project. Whatever the need or question, a top management official is always on call and can be easily reached for consultation.

QUALIFICATIONS AND AVAILABILITY OF PERSONNEL: SESI maintains a full time staff with varied expertise. Most inspectors are trained in more than one area, and are very capable and competent in what they do. The general breakdown by category is as follows:

Category	Manager In Charge	Number of Qualified Technicians
Pile Load Tests	Jay Laxates	10
Pile Logging	"	10
Vibration Monitoring	Kenneth J. Meyn, P.E.	8
Preconstruction surveys	"	4
Soil Laboratory Tests	Ernest Nillen	4
Soil Field Tests	"	4
Concrete Lab Tests	"	6
Concrete Field Tests	Michael Dauzat	12
Asphalt Testing	"	3
Fireproofing Inspection	Jay Laxates	3
Concrete Post-Tensioning	Chinh Diep	3
Structural Steel Inspection	"	3
Coatings Inspection	Michael Dauzat	2
NDT Welding Inspection	Ken Meyn, PE	2

ABILITY TO MOBILIZE AND PROVIDE ADEQUATE STAFF IN A TIMELY MANNER: As can be seen from the above, we have the capability to staff virtually every size job with the required number of qualified personnel. Should we experience an overload in any particular area, we are able to draw from the staff in our branch offices (Baton Rouge and Mandeville) to get the job done. This happens from time to time, and is one of the advantages of maintaining Branch operations.

When hiring new personnel, we are able to select from a current list of employee referrals, decreasing the time needed to locate potential employees, and usually resulting in better qualified employees with a higher potential.

Of course, it is always advantageous to plan in advance for demands on employee skills. Having lead time to prepare for needs in critical areas can help prevent problems with staffing.

UNDERSTANDING OF THE PROJECT REQUIREMENTS: Understanding the scope of a Project and its resulting testing requirements is first on our list of priorities. Services cannot be rendered to specification requirements if the requirements are not fully understood.

The first action taken on a project is to obtain a set of plans and specifications. The specifications are reviewed; any conflicts or problems found are dealt with directly. It is very common, with referenced specifications, like ASTM and ACI, that new editions are published with subtle changes in the way tests are to be performed. These new changes often conflict with the wording of a particular section of a specification. We seek written clarification to these types of problems before work is begun on a project. One of our managers then becomes directly responsible for each project. Clarifications obtained are confirmed in writing, and that manager keeps in touch with the particular job until it is completed. Weekly staff meetings allow our managers to stay abreast of the general progress of each project.

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Statement of Qualifications
July 18, 2024

We maintain corporate and/or individual memberships with the following organizations which are the leading organizations in each of their respective fields. These memberships help us keep abreast of the latest information and technology available to the Testing Industry.

ASCE – American Society of Civil Engineers
ASTM - American Society of Testing and Materials
ACI - American Concrete Association
AWPA - American Wood Preservers Association
AWS - American Welding Society
AISC - American Institute of Steel Construction
LES – Louisiana Engineering Society

Equipment: All SESI locations have extensive capabilities and include Mobile, Alabama; Panama City, Florida; and Baton Rouge, Louisiana. These laboratories are completely outfitted to perform ASTM and AASHTO testing of soils, concrete, asphalt and metals. Our laboratories hold certifications or validations from the Corp of Engineers, American Association of State Highway Transportation Officials (AASHTO), CMEC in Florida, and LADEQ in Louisiana.

Insurance: Our firm carries a full line of insurance coverage including Professional Liability insurance. Certificates of insurance are ordered for our client's use upon notification that we have been awarded a new project. Certificates are available upon request.

Project Manager: The Project Manager for your projects will be Ken Meyn, P.E. Ken has worked on USCAE Projects since 1985. Attached is his resume along with other Key Employees and Technicians.

Summary: In closing, we wish to stress that we believe in our ability to provide our clients with the highest quality, most cost effective Construction Materials Testing Laboratory Services available. We understand the positive impact that competent, responsible technicians can have on the success of any construction project.

Should any further information be required, please do not hesitate to call.

Respectfully submitted,
SOUTHERN EARTH SCIENCE, INC.



Kenneth J. Meyn, P.E.
New Orleans District Manager

SESI EMPLOYEE RESUME		
1. NAME Kenneth J. Meyn, P.E.	2. TITLE District Manager	
3. BRANCH OFFICE (City and State) New Orleans, LA	4. YEARS EXPERIENCE	
	a. DATE STARTED WITH SESI September 1985	b. YEARS OTHER RELEVANT EXPERIENCE 39
5. EDUCATION (Degree, Specialization, School, Year) B.S. in Civil Engineering, University of New Orleans (1984)	6. CURRENT PROFESSIONAL REGISTRATIONS (INCLUDE YEAR FIRST REGISTERED) Professional Engineer Louisiana #24945 (1993)	

7. CURRENT PROFESSIONAL LICENSES / CERTIFICATIONS / TRAINING
AWS - Member

8. CONTINUING EDUCATION (WITHIN PAST 10 YEARS)

9. PROFESSIONAL ORGANIZATIONAL AFFILIATIONS
American Society of Civil Engineers (ASCE); The National Society of Professional Engineers; American Welding Society; American Concrete Institute; American Society of Testing Materials – Member of Three (3) Tech. Committees; American Institute of Steel Construction

10. ADDITIONAL INFORMATION (AREAS OF EXPERTISE, PUBLICATIONS, ETC.)
Vibration Monitoring

11. ANY OTHER RECENT, PERTINENT INFORMATION NOT INCLUDED ABOVE
Oversees in-house Quality Control Program.

A major share of effort is placed in the area of supervising the following areas of services:

- Structural Steel and Welding Inspection
- Vibration Monitoring
- Pre Construction Photographic Surveys
- Post Tensioning Inspection
- Project Management
- Roofing Inspections
- Soils Testing
- Concrete Testing and Inspection
- Coatings Inspection Services

Supervises three (3) welding Inspectors, ten (10) vibration Technicians, three (3) post tension Inspectors, fifteen (15) concrete Technicians, and two (2) roofing Inspectors. Reviews all related reports and oversees any problem items which may arise during construction. Visits job sites regularly and attends pre construction and during construction meetings on major projects.

PROJECT EXPERIENCE

PROJECT 1

PROJECT NAME	Tulane University Yulman Stadium	JOB NUMBER	N13-085 N13-200	PROJ. LOCATION	New Orleans, LA
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PROJECT DESCRIPTION



30,000-seat Yulman Stadium now serves as the home for the Tulane Green Wave football program and feature 5,200 premium seats in two fan clubs—the Upper Level Club and the Jill H. and Avram B. Glazer Family Club. Located on campus, the stadium opened in fall 2014.

Southern Earth Sciences, Inc. (SESI) New Orleans office worked under Woodward Design + Build on the \$73-million project. Our firm provided preconstruction services, Construction Materials Testing and Special Inspections Services for the project. Testing and Inspection services included but were not limited to: preconstruction video survey, vibration monitoring, sampling, testing monitoring and certifying, soils, concrete, masonry and reinforcing steel and structural steel connections.

Kenny Meyn's Specific Role: Estimating and preparing project proposal, Steel Fabrication Inspections, Project Manager

PROJECT 2

PROJECT NAME	New McDonogh 35 High School	JOB NUMBER	N13-110	PROJ. LOCATION	New Orleans, LA
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PROJECT DESCRIPTION

\$54.98 Million 230,000-square-foot three story high concrete structure located at Harrison Ave. in the Bayou St John neighborhood of New Orleans, LA.



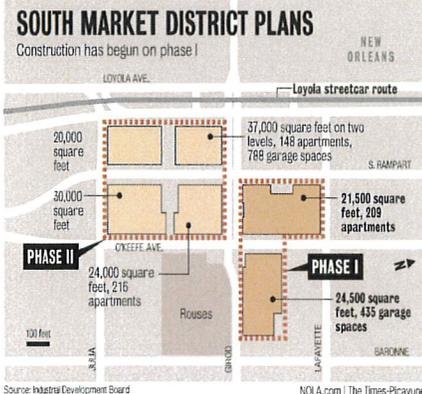
SESI provided Construction Materials Testing and Special Inspections Services for the project. Testing and Inspection services included but were not limited to, preconstruction video survey, auger cast pile, pile logging (wood pile), vibration monitoring, sampling, testing monitoring and certifying, soils, concrete, masonry and reinforcing steel and structural steel connections and facilities exterior enclosure commissioning testing.

Specific Role: Project Manager

PROJECT 3

PROJECT NAME	South Market District	JOB NUMBER	N13-255 N14-050	PROJ. LOCATION	New Orleans, LA
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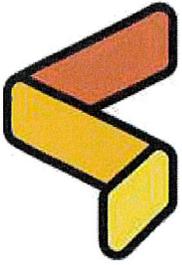
PROJECT DESCRIPTION



South Market District(\$200,000.000) a total of 600 apartments and 170,000 square feet of retail space consuming four blocks – on construction over the next two years. It's on track to be the largest mixed-use development in New Orleans and possibly the largest in the state, according to local real estate analyst Wade Ragas.

SESI provided Geotechnical Services, Construction Materials Testing and Special Inspections Services for the project. Testing and Inspection services included but were not limited to, preconstruction video survey, auger cast pile vibration monitoring, sampling, testing monitoring and certifying, soils, concrete, masonry and reinforcing steel and structural steel connections.

Specific Role: Project Manager



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**CERTIFICATE OF
ACCREDITATION**

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHIO

Southern Earth Sciences, Inc.

in

New Orleans, Louisiana, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

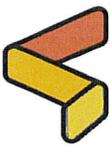


Kim Tymon,
AASHTO Executive Director



Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 07/18/2024 at 12:44 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



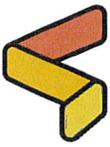
AASHTO
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SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/01/1994
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/30/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/14/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/05/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012



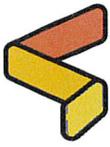
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SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Asphalt Mixture

Standard:	Accredited Since:
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/01/1994
D2726 (Cores) Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/09/2021
D5444 Mechanical Analysis of Extracted Aggregate	01/01/1994
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/01/1994



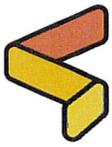
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in New Orleans, Louisiana, USA

Soil

Standard:	Accredited Since:
T100 Specific Gravity of Soils	06/09/2021
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/01/1994
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/01/1994
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/01/1994
D1556 Density of Soil In-Place by the Sand Cone Method	01/01/1994
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/01/1994
D2216 Laboratory Determination of Moisture Content of Soils	01/01/1994
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/01/1994
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/02/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/01/1994
D4318 Plastic Limit of Soils (Atterberg Limits)	01/01/1994
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/01/1994



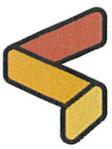
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Southern Earth Sciences, Inc.
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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	12/23/2019
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/23/2019
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	12/23/2019
T21 Organic Impurities in Fine Aggregates for Concrete	12/23/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	12/23/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/23/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	12/23/2019
T104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/14/2023
T255 Total Moisture Content of Aggregate by Drying	12/23/2019
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	01/01/1994
C40 Organic Impurities in Fine Aggregates for Concrete	01/01/1994
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/28/2017
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/01/1994
C127 Specific Gravity and Absorption of Coarse Aggregate	01/01/1994
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/01/1994
C136 Sieve Analysis of Fine and Coarse Aggregates	01/01/1994
C566 Total Moisture Content of Aggregate by Drying	01/01/1994
C702 Reducing Samples of Aggregate to Testing Size	01/01/1994



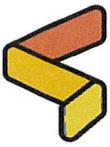
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SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Concrete

Standard:	Accredited Since:
M201	12/23/2019
R39	12/23/2019
R60	12/23/2019
R100 (Beams)	12/23/2019
R100 (Cylinders)	12/23/2019
T22	12/23/2019
T24	12/23/2019
T97	12/23/2019
T119	12/23/2019
T121	12/23/2019
T148	12/23/2019
T152	12/23/2019
T196	12/23/2019
T198	12/23/2019
T231 (8000 psi and below)	02/14/2023
T309	12/23/2019
C31 (Beams)	01/01/1994
C31 (Cylinders)	01/01/1994
C39	01/01/1994
C42	01/01/1994
C78	01/01/1994
C138	01/01/1994
C143	01/01/1994



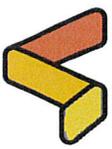
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Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Concrete (Continued)

Standard:	Accredited Since:
C172 Sampling Freshly Mixed Concrete	01/01/1994
C173 Air Content of Freshly Mixed Concrete by the Volumetric Method	01/01/1994
C174 Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	01/01/1994
C192 Making and Curing Concrete Test Specimens in the Laboratory	01/01/1994
C231 Air Content of Freshly Mixed Concrete by the Pressure Method	01/01/1994
C496 Splitting Tensile Strength of Cylindrical Concrete Specimens	01/01/1994
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/22/2013
C617 (8000 psi and below) Capping Cylindrical Concrete Specimens	02/14/2023
C805 Rebound Number of Hardened Concrete	01/01/1994
C1064 Temperature of Freshly Mixed Portland Cement Concrete	01/01/1994
C1231 (12000 psi and below) Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/23/2019



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in New Orleans, Louisiana, USA

Masonry

Standard:

C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes
C1019 Sampling and Testing Grout

Accredited Since:

01/22/2013
01/22/2013



Search Testing Lab Validation



Print Validation

Validation Expiration Date: 02/21/2026

AASHTO:

State: LA CLEAR

Search Testing Lab Validation: Southern Earth Sciences, Inc. - New Orleans, LA

725 S. Genols Street

New Orleans LA 70119

Ken Meyn

kmeyn@soearth.com

(504) 486-5595

Method Status	Method
Validated	Aggregate - C 29 - Unit Weight and Voids in Aggregate
Validated	Aggregate - C 40 - Organic Impurities
Validated	Aggregate - C 88 - Sulfate Soundness
Validated	Aggregate - C 117 - Material Finer than 75 µm (No. 200) Sieve
Validated	Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Validated	Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Validated	Aggregate - C 136 - Sieve Analysis of Aggregates
Validated	Aggregate - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Validated	Aggregate - C 566 - Total Moisture Content
Validated	Aggregate - C 702 - Reducing Samples to Testing Size
Validated	Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Aggregate - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
Validated	Bituminous - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Validated	Bituminous - D 2041 - Theoretical Maximum Specific Gravity & Density (Rice)
Validated	Bituminous - D 2726 - Bulk Specific Gravity and Density
Validated	Bituminous - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
Validated	Bituminous - D 5444 - Mechanical Size Analysis of Extracted Aggregate
Validated	Bituminous - D 6307 - Asphalt Content of Hot-Mix Asphalt by Ignition Method
Validated	Concrete - C 31 - Making and Curing Test Specimens in the Field
Validated	Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Validated	Concrete - C 42 - Drilled Cores and Sawed Beams
Validated	Concrete - C 78 - Flexural Strength by Third Point Loading
Validated	Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Validated	Concrete - C 143 - Slump
Validated	Concrete - C 172 - Sampling
Validated	Concrete - C 173 - Air Content by Volumetric ***required if C231 not performed***
Validated	Concrete - C 174 - Concrete Thickness by Drilled Cores
Validated	Concrete - C 192 - Making and Curing Test Specimens in Laboratory
Validated	Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Validated	Concrete - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Validated	Concrete - C 496 - Splitting Tensile Strength
Validated	Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Validated	Concrete - C 617 - Capping Cylindrical Specimens
Validated	Concrete - C 805 - Rebound Number of Hardened Concrete
Validated	Concrete - C 1064 - Temperature of Concrete
Validated	Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Concrete - C 1231 - Unbonded Caps
Validated	Masonry - C 511 - Mixing Rooms, Moist Cabinets, Cure Tanks
Validated	Masonry - C 1019 - Sampling and Testing Grout
Validated	Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Validated	Soils - D 698 - Compaction Characteristics by Standard Effort
Validated	Soils - D 1140 - Material Finer than 75 µm (No. 200) Sieve
Validated	Soils - D 1556 - Density & Unit Weight by Sand Cone
Validated	Soils - D 1557 - Compaction Characteristics by Modified Effort
Validated	Soils - D 2216 - Water Content
Validated	Soils - D 2487 - Classification of Soils
Validated	Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Validated	Soils - D 3740 - Soil and Rock Testing Standards (Quality Standard)
Validated	Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index

Search Method: * displays all methods
Enter method

Lab Name AASHTO Validation

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:

Southern Earth Sciences, Inc.

Public Address:

P. O. Box 160745
Mobile, Alabama 36616 //

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003079	Active	01/13/2004	03/31/2026	Mr. Kenneth John Meyn # PE.0024945

Louisiana Professional Engineering and Land Surveying Board

License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Mr. Kenneth John Meyn
Address: 725 South Genois Street
New Orleans, Louisiana 70119

License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PE.0024945	Active	06/30/1992	09/30/2024	Civil Engineer

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