GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

CONTRACT NOS. **4400032793, 4400032794, 4400032795, 4400032796, 4400032797,** AND **4400032798**

IDIQ CONTRACTS FOR **GEOTECHNICAL SERVICES** STATEWIDE

Submitted **August 14, 2025**

GULF SOUTH
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IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

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GULF SOUTH
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DOTD24-102 FORM
Q1 thru Q13

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

DOTD FORM: 24-102

(Revised December 12, 2024)

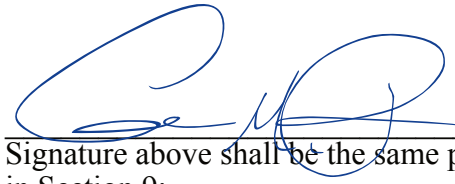
PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1.	Contract Name as shown in the advertisement	**IDIQ CONTRACTS FOR GEOTECHNICAL SERVICES** STATEWIDE
2.	Contract Number(s) as shown in the advertisement	400032793, 4400032794, 4400032795, 4400032796, 4400032797, AND 4400032798
3.	State Project Number(s), if shown in the advertisement	N/A
4.	Prime consultant name (**name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20**)	**GULF SOUTH ENGINEERING AND TESTING, INC.**
5.	Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	LAPELS Registration No. EF.000**4626** (first registered **2010**)
6.	Prime consultant mailing address	15 Veterans Memorial Boulevard Kenner LA 70062
7.	Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	15 Veterans Memorial Boulevard Kenner LA 70062
8.	Name, title, phone number, and email address of prime consultant's contract point of contact	**Chad M. Poché, P.E., Executive Vice President** **504-305-4401 | cpoche@gulfsoutheng.com**
9.	Name, title, phone number, and email address of the official with signing authority for this proposal	**Chad M. Poché, P.E., Executive Vice President** **504-305-4401 | cpoche@gulfsoutheng.com**

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

10.	This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: **August 12, 2025** Date :

11.	If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): **Fourrier & de Abreu Engineers, LLC**	Firm(s)' %: **43% overall**

12. Discipline Table:

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each discipline to be performed by that firm. The percentage estimated for each discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)

Discipline(s)	% of Overall Contract	Prime (**GSET**)	Firm B (**FDA**)	Firm C (**WHE**)	Firm D (**PTS**)	Firm E (**GRL**)	Firm F (**BFM**)	Each Discipline must total to 100%
GEOTECH	**99%**	**51%**	**43%**	**3%**	**2%**	**1%**	**0%**	**100%**
SURVEY	**1%**	**0%**	**0%**	**0%**	**0%**	**0%**	**100%**	**100%**
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.								
Percent of Contract	**100%**	**51%**	**43%**	**2%**	**2%**	**1%**	**1%**	**- - - - - - - -**

- **PRIME**: GSET (**Gulf South Engineering and Testing, Inc**.)
- **FIRM B**: FDA (**Fourrier & de Abreu Engineers, LLC**) (**DBE**)
- **FIRM C**: WHE (**Walker-Hill Environmental, Inc**.)
- **FIRM D**: PTS (**Professional Technical Support Services, Inc**.)
- **FIRM E**: GRL (**GRL Engineers, Inc**.)
- **FIRM F**: BFM (**BFM Corporation, LLC**)

13. Firm Size:

Firm Name	DOTD Job Classification	**Number of personnel committed to the contract**	Total number of personnel available in this DOTD Job Classification (if needed)
Gulf South Engineering and Testing, Inc.	**Engineer - Other (Geotechnical)**	**2**	**3**
	Supervisor - Other (Laboratory)	**1**	**2**
	Senior Technician	**1**	**2**
	Professional	**2**	**3**
	Driller	**1**	**4**
Fourrier & de Abreu Engineers, LLC	**Engineer - Other (Geotechnical)**	**2**	**2**
Walker-Hill Environmental, Inc.	**Driller**	**3**	**3**
Professional Technical Support Services, Inc.	**Principal**	**1**	**1**
	Driller	**1**	**2**
GRL Engineers, Inc.	**Professional**	**1**	**3**
BFM Corporation, LLC	**Surveyor**	**1**	**2**

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GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM
Q14 thru Q15
PERSONNEL

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

14. Organizational Chart:

GULF SOUTH ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

PROJECT MANAGER/PRINCIPAL-IN-CHARGE

Chad M. Poché, P.E.

EXECUTIVE VICE-PRESIDENT

DRILLING	LABORATORY	ENGINEERING	SERVICES DURING CONSTRUCTION
GULF SOUTH ENGINEERING AND TESTING	**GULF SOUTH ENGINEERING AND TESTING**	**GULF SOUTH ENGINEERING AND TESTING**	**GULF SOUTH ENGINEERING AND TESTING**
Terry Turner John G. Duncan Jr., ACI	Bryson S. Beard, P.E., ACI Joseph H. "Trey" Binder, III, ACI Ian Kerner Poché, ACI	Chad M. Poché, P.E. Bryson S. Beard, P.E., ACI Tyler W. Pregeant, ACI John G. Duncan Jr., ACI	Chad M. Poché, P.E. Bryson S. Beard, P.E., ACI John G. Duncan Jr., ACI Tyler W. Pregeant, ACI
WALKER HILL	**FOURRIER & DE ABREU ENGINEERS, LLC**	**FOURRIER & DE ABREU ENGINEERS, LLC**	**GRL ENGINEERS, INC.**
Rusty J. Rizzo Jack Womble Chris Hayslip	Ricardo de Abreu, Ph.D., P.E. Jamie Farmer, P.E.	Ricardo de Abreu, Ph.D., P.E. Jamie Farmer, P.E.	Brandon J. Phetteplace, P.E.
PROF. TECHNICAL SUPPORT SVCS.			
Scott M. Bergeron, P.E., P.G. Bill Prochaska			
BFM CORPORATION, LLC			
Gary J. Lambert, Jr., PLS			

(Click on a name to jump to that person's Q16 entry; click on the "Contract Role(s)" entry (bolded) to jump back to this org chart)

15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License/ certification expiration date
1	**Chad M. Poché, P.E.**	**Gulf South Engineering and Testing, Inc.**	**PE.0027667 - Civil**	**LA**	**09/30/2026**
2	**Chad M. Poché, P.E.**	**Gulf South Engineering and Testing, Inc.**	**PE.0027667 - Civil**	**LA**	**09/30/2026**
3	**Chad M. Poché, P.E.**	**Gulf South Engineering and Testing, Inc.**	**PE.0027667 - Civil**	**LA**	**09/30/2026**
4	**Chad M. Poché, P.E.**	**Gulf South Engineering and Testing, Inc.**	**PE.0027667 - Civil**	**LA**	**09/30/2026**
5	**Chad M. Poché, P.E.**	**Gulf South Engineering and Testing, Inc.**	**PE.0027667 - Civil**	**LA**	**09/30/2026**
6	**Joseph "Trey" Binder, III, ACI**	**Gulf South Engineering and Testing, Inc.**	**N/A**	**N/A**	**N/A**
7	**Terry Turner**	**Gulf South Engineering and Testing, Inc.**	**N/A**	**N/A**	**N/A**

16. Staff Experience:

Firm employed by:	GULF SOUTH ENGINEERING AND TESTING, INC.		
Name	Chad M. Poché, P.E.	Years of relevant experience with this employer	8 (2017)
Title	Exec. Vice President; Registered Professional Engineer	Years of relevant experience with other employer(s)	24 (1993)
Degree(s) / Years / Specialization	M.S. / 1998 / Civil Engineering (University of New Orleans) B.S. / 1993 / Civil Engineering (Louisiana State University)		
Active registration number / state / expiration date	27667 / Louisiana / September 30, 2026		
Year Registered	1998	Discipline	Civil Engineer (Specialty: Geotechnical Engineering)
Contract role(s) / brief description of responsibilities	ENGINEER - OTHER (GEOTECHNICAL); Engineering Liaison & Project Oversight		

Chad M. Poché, P.E., is Executive Vice President, co-founder, and a Principal in Gulf South. He has been a registered geotechnical engineer for nearly three decades in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.).

Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career. Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design (including Load and Resistance Factor Design (LRFD) design for Louisiana DOTD projects); construction recommendations; Mississippi River facility permitting; managing personnel and office operations and serving as an Expert Witness. Further, Mr. Poche is a State Board Member and Past Chairman of the American Council of Engineering Companies of Louisiana (2024-2025).

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/24 - ongoing	**Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA.** Mr. Poché provided Geotechnical Engineering Services and Project Oversight for the project, which included preparation of Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA. Gulf South executed geotechnical field explorations for the project, which consisted of the construction or replacement of bridges at six locations along the Tammany Trace Corridor. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics in order to prepare a full engineering report that included pile capacities (Load and Resistance Factor Design (LRFD) Method), scour analyses, estimates of settlement, and general construction recommendations. Once the Geotechnical Design Report was received by the design team, design began and included LRFD design of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges. ($107,000 (fee); ongoing)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Chad M. Poché, P.E. (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/22 - 01/23	**New Roundabout (Lowes Ave at LA Hwy 44), Gonzales, Ascension Parish, LA.** Mr. Poché provided Geotechnical Engineering Services and Project Oversight for the project which included geotechnical engineering services for the construction of a paved roundabout at the intersection of Lowes Avenue and Louisiana Highway 44 in Ascension Parish, LA. Gulf South's scope includes drilling four undisturbed soil borings (3 borings through existing pavement and 1 boring within an unpaved area) to depths of 10 feet below the ground surface, pavement coring, traffic control, laboratory testing, engineering analyses and general construction procedures and recommendations. ($9,500 (fee); 2023)
11/22 - 07/23	**E. Minnesota Park Roundabout Study (Minnesota Park Rd. and S. Range Rd.), Hammond, Tangipahoa Parish, LA.** Mr. Poché provided Geotechnical Engineering Services and Project Oversight for the project which consisted of geotechnical engineering services for the construction of a new paved roundabout roadway intersection at Minnesota Park Road and S. Range Road in Hammond. Gulf South's scope includes drilling five undisturbed soil borings each to a depth of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations for Rigid or Flexible pavements. ($8,500 (fee); 2023)
10/24 - 12/24	**I-10 Calcasieu River Bridge Public-Private Partnership Project (SP H.003931, FAP 010121), Calcasieu Parish, LA.** Gulf South was selected to provide boring & sampling services on the project; this included drilling for 35 soil borings (a total of 3,930 linear feet) to depths ranging from 30 ft. to 220 ft. per our Prime's direction and in accordance with LA DOTD criteria. Sampling consisted of continuous sampling from 0 to 10 ft. and 5 ft. o/c after in clays and sands; DOTD sampling methods governed in sands. Shelby tubes were pushed for cohesive soils and SPT samples were performed in cohesionless or cohesive soils. Mr. Poché provided Geotechnical Engineering Services and Project Oversight for the project. ($114,450 (fee); 2024)
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the referenced project. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Mr. Poché is providing Geotechnical Engineering Services and Project Oversight for the project. ($4,500 (fee); ongoing)
04/22 - 07/22	**Geotechnical Exploration Proposal: Off System Road Bridge Replacement, Lock No. 2 Road, St. Tammany Parish, LA.** Mr. Poché provided Geotechnical Engineering Services and Project Oversight for the project which consists of the construction of a replacement bridge across an existing canal off Lock No. 2 Road. The new bridge will be pile supported and designed in accordance with LA DOTD standards. Gulf South's scope included subsurface exploration, geotechnical laboratory testing, and engineering services based upon project requirements - engineering analyses (pile load capacities, settlement estimates, flexible pavement design recommendations, sieve analyses of stream bed soils) and general construction procedures and recommendations. ($12,500 (fee); 2022)

16. Staff Experience:

Firm employed by:	**GULF SOUTH ENGINEERING AND TESTING, INC.**		
Name	**Bryson S. Beard, P.E., ACI, M.ASCE**	Years of relevant experience with this employer	**3 (2022)**
Title	**Registered Professional Engineer; Geotechnical Engineer**	Years of relevant experience with other employer(s)	**1 (2021)**
Degree(s) / Years / Specialization	**B.S. / 2021 / Geological Engineering (University of Mississippi)**		
Active registration number / state / expiration date	**50487 / Louisiana / March 31, 2026**		
Year Registered	**2025**	Discipline	**Civil Engineer (Specialty: Geotechnical Engineering)**
Contract role(s) / brief description of responsibilities	**ENGINEER - OTHER (GEOTECHNICAL); Geotechnical Engineer / Project Management**		

Bryson S. Beard, P.E. serves as a Project Manager for Gulf South. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, Load and Resistance Factor Design (LRFD), TRS and sheetpile wall design, settlement, pavement design, etc., and has been responsible for the preparation of engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers.

Certifications & Coursework includes:

- **ACI Concrete Field Testing Technician - Grade I (No. 02206940) (exp. 01-27-2028)**
- **Principals and Practice of Engineering Exam (PE), NCEES, 2023**
- **Fundamentals of Engineering Exam (FE), NCEES, 2022**
- **Entergy PowerSafe Training**

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/22 - 07/22	**Geotechnical Exploration Proposal: Off System Road Bridge Replacement, Lock No. 2 Road, St. Tammany Parish, LA.** Geotechnical engineering services for the project which consists of the construction of a replacement bridge across an existing canal off Lock No. 2 Road. The new bridge will be pile supported and designed in accordance with LA DOTD standards. Scope included subsurface exploration, geotechnical laboratory testing, and engineering services based upon project requirements - engineering analyses (pile load capacities, settlement estimates, flexible pavement design recommendations, sieve analyses of stream bed soils) and general construction procedures and recommendations. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($12,500 (fee); 2022)
11/22 - 07/23	**E. Minnesota Park Roundabout Study (Minnesota Park Rd. and S. Range Rd.), Hammond, Tangipahoa Parish, LA.** Geotechnical engineering services for the construction of a new paved roundabout roadway intersection at Minnesota Park Road and S. Range Road in Hammond, LA. Gulf South's scope includes drilling five undisturbed soil borings each to a depth of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations for Rigid or Flexible pavements. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($8,500 (fee); 2023)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Bryson S. Beard, P.E., ACI, A.M. ASCE (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/22 - 01/23	**New Roundabout (Lowes Ave at LA Hwy 44), Gonzales, Ascension Parish, LA.** Geotechnical engineering services for the construction of a paved roundabout at the intersection of Lowes Avenue and Louisiana Highway 44 in Ascension Parish, LA. Gulf South's scope includes drilling four undisturbed soil borings (3 borings through existing pavement and 1 boring within an unpaved area) to depths of 10 feet below the ground surface, pavement coring, traffic control, laboratory testing, engineering analyses and general construction procedures and recommendations. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($9,500 (fee); 2023)
04/23 - 10/23	**Geotechnical Exploration Report for the 4th Street Bike Path (Barataria to Destrehan), Harvey, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project. The study included drilling soil borings and lab testing to determine subsoil conditions and groundwater/moisture content. Below grade foundation recommendations included net allowable soil bearing capacities, settlement estimates, bedding, uplift pressures, fill placement and compaction, inspection and protection of the bearing surface, and vibration monitoring recommendations. Flexible pavement and pavement materials & construction recommendations were also included as part of the report. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($9,500 (fee); 2023)
05/23 - 10/23	**Destrehan Avenue Bike Path (Leo Kerner to Keithway) with Pipeline Canal Bridge, Harvey, Jefferson Parish, LA.** Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a new bike path (approximately 9,900 ft) along Destrehan Avenue (Leo Kerner to Keithway in Harvey) with a new bridge constructed over Pipeline Canal. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made based on the field and laboratory test data. Engineering recommendations noted deep foundations, consisting of driven, treated, timber piling be used to support the bridge with the bike path supported at grade. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($17,700 (fee); 2023)
01/24 - 06/24	**Geotechnical Exploration Report for Temporary Bridge, The Settlement at Shoe Creek, Central, LA.** Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a temporary bridge at the project site in Central, LA. The temporary bridge consisted of a prefabricated steel structure with wooden decking and supported on abutments on either side of the creek. The study included drilling a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($3,500 (fee); 2024)
04/24 - ongoing	**Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA.** Gulf South executed geotechnical field explorations for the project which consisted of the construction or replacement of bridges at six locations along the Tammany Trace Corridor. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics in order to prepare a full engineering report that included pile capacities (Load and Resistance Factor Design (LRFD) Method), scour analyses, settlement estimates, and general construction recommendations. Once the Geotechnical Design Report was received by the design team, design began and included LRFD design of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges. Mr. Bryson's services on the project included Geotechnical Engineering and Project Management services. ($107,000 (fee); ongoing)

16. Staff Experience:

Firm employed by:	GULF SOUTH ENGINEERING AND TESTING, INC.		
Name	Joseph H. "Trey" Binder, III, ACI	Years of relevant experience with this employer	14 (2011)
Title	Laboratory Manager	Years of relevant experience with other employer(s)	5 (2006)
Degree(s) / Years / Specialization	Associate's Degree / 2006 / General Studies (Nunez Community College)		
Active registration number / state / expiration date	N/A		
Year Registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	SUPERVISOR - OTHER (LABORATORY); Laboratory Manager, Laboratory Technician		

Trey Binder has direct experience with field and laboratory testing services. Mr. Binder's field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.

Certifications & Coursework includes:

- **ACI Concrete Laboratory Testing Technician – Level 1 (exp. 05-15-2029)**
- **ACI Concrete Strength Testing Technician (exp. 05-15-2029)**
- **ACI Aggregate Base Testing Technician (exp. 10-22-2029)**
- **ACI Aggregate Testing Technician - Level 1 (exp. 04-08-2030)**
- **HAZMAT Awareness**
- **HAZMAT Operations Training**

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/25 - 03/25	**Geotechnical Exploration Proposal for Suave Bridge at Soniat Canal, River Ridge, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which consisted of the removal and replacement of a bridge along Suave Avenue at the Soniat Canal. The investigation evaluated the effects of the 50 ton crane lift (used to remove the bridge) on the canal slopes and walls. Field exploration included drilling a single soil boring (depth of 60 ft bgs) with geotechnical lab testing involving strength and classification tests. Geotechnical evaluations and analyses included allowable soil bearing values, slope stability analyses, recommendations for remedying potential issues, and general construction procedures and recommendations. Mr. Binder provided Laboratory Testing and oversight services for the project. ($7,500 (fee); 2025)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Joseph H. "Trey" Binder, III, ACI (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the referenced project. Gulf South's scope was executed in accordance with LA DOTD requirements for roads. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Mr. Binder provided Laboratory Testing and oversight services for the project. ($4,500 (fee); ongoing)
04/24 - ONGOING	**Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA.** Gulf South executed geotechnical field explorations for the project which consisted of the construction or replacement of bridges at six locations along the Tammany Trace Corridor. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics in order to prepare a full engineering report that included pile capacities (Load and Resistance Factor Design (LRFD) Method), scour analyses, settlement estimates, and general construction recommendations. Once the Geotechnical Design Report was received by the design team, design began and included LRFD design of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges. Mr. Binder provided Laboratory Testing and oversight services for the project. ($107,000 (fee); ongoing)
03/24 - 08/24	**West Napoleon Extension (Williams Boulevard to Connecticut Avenue), Kenner, Jefferson Parish, LA.** The project involves an extension of West Napoleon Avenue in Kenner, including a new box culvert, new roadways, and a sheet pile wall for scour protection. Geotechnical investigations involved drilling soil test borings and conducting soil mechanics laboratory tests. Engineering analyses were developed based on field and laboratory test data. Undisturbed soil samples were drilled and analyzed for soil mechanics properties. The canal slopes were analyzed for stability. The extension is planned to serve as a connector road between Williams Boulevard and the Airport Access Road. Mr. Binder provided Laboratory Testing and oversight services for the project. ($17,500 (fee); 2024)
05/24 - 08/24	**Duplessis Road Widening (Multi-Use Path and Sidewalk) Geotechnical Exploration Report, Ascension Parish, LA.** Gulf South executed a Geotechnical Exploration Report for the widening of Duplessis Road in Ascension Parish, LA, with a portion of the project consisting of the addition of new asphalt multi-use paths and concrete sidewalks. The project included drilling three undisturbed soil borings within the existing roadway as access off the roadway was limited. Soil mechanics laboratory tests were executed to evaluate the soil's physical characteristics. Engineering analyses were made to develop specific construction and general recommendations for the project. Mr. Binder provided Laboratory Testing and oversight services for the project. ($4,500 (fee); 2024)
05/24 - 06/24	**Geotechnical Exploration Proposal for the Loyola Drive Overlay (31st Street to East/West Loyola), City of Kenner, Jefferson Parish, LA.** Gulf South's services involved drilling soil test borings and conducting soil mechanics laboratory tests. Geotechnical engineering analyses were conducted to develop pavement design recommendations. The project involved pavement coring and traffic control, undisturbed sampling, and soil mechanics laboratory tests. The pavement design involved flexible asphalt overlay and reconstruction. Mr. Binder provided Laboratory Testing and oversight services for the project. ($10,500 (fee): 2024)

16. Staff Experience:

Firm employed by:	**GULF SOUTH ENGINEERING AND TESTING, INC.**		
Name	**Ian Kerner Poché, ACI**	Years of relevant experience with this employer	**8 (2017)**
Title	**Assistant Laboratory Supervisor**	Years of relevant experience with other employer(s)	**0**
Degree(s) / Years / Specialization	**High School Diploma**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**SENIOR TECHNICIAN; Assistant Laboratory Supervisor**		

Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also assistged when needed in the CMT department and has concrete testing experience.

Certifications & Coursework includes:

- **ACI Aggregate Base Testing Technician (Level 1) (exp. 02-27-2029)**
- **ACI Concrete Field Testing Technician (Grade 1) (exp. 03-24-2028)**

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/23 - 10/23	**Geotechnical Exploration Report for the 4th Street Bike Path (Barataria to Destrehan), Harvey, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project. The study included drilling soil borings and lab testing to determine subsoil conditions and groundwater/moisture content. Below grade foundation recommendations included net allowable soil bearing capacities, settlement estimates, bedding, uplift pressures, fill placement and compaction, inspection and protection of the bearing surface, and vibration monitoring recommendations. Flexible pavement and pavement materials & construction recommendations were also included as part of the report. Ian Poché assisted with Laboratory Testing Services for the project. ($9,500 (fee); 2023)
05/23 - 10/23	**Destrehan Avenue Bike Path (Leo Kerner to Keithway) with Pipeline Canal Bridge, Harvey, Jefferson Parish, LA.** Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a new bike path (approximately 9,900 ft) along Destrehan Avenue (Leo Kerner to Keithway in Harvey) with a new bridge constructed over Pipeline Canal. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made based on the field and laboratory test data. Engineering recommendations noted deep foundations, consisting of driven, treated, timber piling be used to support the bridge with the bike path supported at grade. Ian Poché assisted with Laboratory Testing Services for the project. ($17,700 (fee); 2023)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Ian Kerner Poché, ACI (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 - 06/24	**Geotechnical Exploration Report for Temporary Bridge, The Settlement at Shoe Creek, Central, LA.** Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a temporary bridge at the project site in Central, LA. The temporary bridge consisted of a prefabricated steel structure with wooden decking and supported on abutments on either side of the creek. The study included drilling a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Ian Poché assisted with Laboratory Testing Services for the project. ($3,500 (fee); 2024)
04/24 - ONGOING	**Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA.** Gulf South executed geotechnical field explorations for the project which consisted of the construction or replacement of bridges at six locations along the Tammany Trace Corridor. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics in order to prepare a full engineering report that included pile capacities (Load and Resistance Factor Design (LRFD) Method), scour analyses, settlement estimates, and general construction recommendations. Once the Geotechnical Design Report was received by the design team, design began and included LRFD design of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges. Ian Poché assisted with Laboratory Testing Services for the project. ($91,000 (fee); 2024)
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the referenced project. Gulf South's scope was executed in accordance with LA DOTD requirements for roads. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Ian Poché assisted with Laboratory Testing Services for the project. ($4,500 (fee); ongoing)
03/24 - 08/24	**West Napoleon Extension (Williams Boulevard to Connecticut Avenue), Kenner, Jefferson Parish, LA.** The project involves an extension of West Napoleon Avenue in Kenner, including a new box culvert, new roadways, and a sheet pile wall for scour protection. Geotechnical investigations involved drilling soil test borings and conducting soil mechanics laboratory tests. Engineering analyses were developed based on field and laboratory test data. Undisturbed soil samples were drilled and analyzed for soil mechanics properties. The canal slopes were analyzed for stability. The extension is planned to serve as a connector road between Williams Boulevard and the Airport Access Road. Ian Poché assisted with Laboratory Testing Services for the project. ($17,500 (fee); 2024)
03/22 - 06/22	**Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA.** Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. Ian Poché assisted with Laboratory Testing Services for the project. ($14,000 (fee); 2022)

16. Staff Experience:

Firm employed by:	**GULF SOUTH ENGINEERING AND TESTING, INC.**		
Name	**Tyler W. Pregeant, ACI**	Years of relevant experience with this employer	**5 (2020)**
Title	**Graduate Geotechnical Engineer**	Years of relevant experience with other employer(s)	**1 (2019)**
Degree(s) / Years / Specialization	**B.S. / 2024 / Civil Engineering (University of New Orleans)**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**PROFESSIONAL; Assistant Laboratory Supervisor**		

Tyler Pregeant, ACI, serves as a Graduate Geotechnical Engineer, having graduated in December 2024 from UNO with a Bachelor of Civil Engineering Degree. He assists the engineering staff with various tasks and analyses, as well as with the soil boring drill crew. Mr. Pregeant further works as needed in the soils laboratory, and visits and observes on construction projects. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, assisting survey crews, and concrete testing and inspection.

Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.

Certifications & Coursework includes:

- **ACI Aggregate Testing Technician (Level 1) (02206931 (exp. 02-27-2029)**
- **ACI Concrete Field Testing Technician (Grade I) (02206931) (exp. 01-27-2028)**
- **Nuclear Gauge Safety and HAZMAT Certification**
- **Entergy PowerSafe Training**

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/24 - ONGOING	**Geotechnical Data Report for Multiple Tammany Trace Bridges, St. Tammany Parish, LA.** Gulf South executed geotechnical field explorations for the project which consisted of the construction or replacement of bridges at six locations along the Tammany Trace Corridor. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil’s physical characteristics in order to prepare a full engineering report that included pile capacities (Load and Resistance Factor Design (LRFD) Method), scour analyses, settlement estimates, and general construction recommendations. Once the Geotechnical Design Report was received by the design team, design began and included LRFD design of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges. Tyler Pregeant’s services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($91,000 (fee); 2024)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Tyler W. Pregeant, ACI (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/23 - 10/23	**Destrehan Avenue Bike Path (Leo Kerner to Keithway) with Pipeline Canal Bridge, Harvey, Jefferson Parish, LA.** Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a new bike path (approximately 9,900 ft) along Destrehan Avenue (Leo Kerner to Keithway in Harvey) with a new bridge constructed over Pipeline Canal. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made based on the field and laboratory test data. Engineering recommendations noted deep foundations, consisting of driven, treated, timber piling be used to support the bridge with the bike path supported at grade. Tyler Pregeant's services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($17,700 (fee); 2023)
03/24 - 08/24	**West Napoleon Extension (Williams Boulevard to Connecticut Avenue), Kenner, Jefferson Parish, LA.** The project involves an extension of West Napoleon Avenue in Kenner, including a new box culvert, new roadways, and a sheet pile wall for scour protection. Geotechnical investigations involved drilling soil test borings and conducting soil mechanics laboratory tests. Engineering analyses were developed based on field and laboratory test data. Undisturbed soil samples were drilled and analyzed for soil mechanics properties. The canal slopes were analyzed for stability. The extension is planned to serve as a connector road between Williams Boulevard and the Airport Access Road. Tyler Pregeant's services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($17,500 (fee); 2024)
04/23 - 10/23	**Geotechnical Exploration Report for the 4th Street Bike Path (Barataria to Destrehan), Harvey, Jefferson Parish, LA.** Geotechnical Exploration Report; scope included drilling soil borings and lab testing to determine subsoil conditions and groundwater/moisture content. Below grade foundation recommendations included net allowable soil bearing capacities, settlement estimates, bedding, uplift pressures, fill placement and compaction, inspection and protection of the bearing surface, and vibration monitoring recommendations. Flexible pavement and pavement materials & construction recommendations were also included. Tyler Pregeant's services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($9,500 (fee); 2023)
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the referenced project. Gulf South's scope was executed in accordance with LA DOTD requirements for roads. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Tyler Pregeant's services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($4,500 (fee); ongoing)
05/24 - 08/24	**Duplessis Road Widening (Multi-Use Path and Sidewalk) Geotechnical Exploration Report, Ascension Parish, LA.** Gulf South executed a Geotechnical Exploration Report for the widening of Duplessis Road in Ascension Parish, LA, with a portion of the project consisting of the addition of new asphalt multi-use paths and concrete sidewalks. The project included drilling three undisturbed soil borings within the existing roadway as access off the roadway was limited. Soil mechanics laboratory tests were executed to evaluate the soil's physical characteristics. Engineering analyses were made to develop specific construction and general recommendations for the project. Tyler Pregeant's services on the project included assisting in Engineering Analyses, Soil Boring Crew Services, and Soils Lab Testing. ($4,500 (fee); 2024)

16. Staff Experience:

Firm employed by:	**GULF SOUTH ENGINEERING AND TESTING, INC.**		
Name	**John G. Duncan, Jr., ACI**	Years of relevant experience with this employer	**>1 (2025)**
Title	**Field Engineer**	Years of relevant experience with other employer(s)	**2 (2023)**
Degree(s) / Years / Specialization	**B.S. / 2024 / Civil Engineering (University of Mississippi)**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**PROFESSIONAL; Field Engineer**		

John Duncan is an Ole Miss Civil Engineering graduate and has amassed considerable experience with field and office engineering including soil mechanics & geotchnical engineering, foundations, geosynthetics, and marine transportation. He has prior experience as a Geotechnical Lab Technician and has experience with a wide variety of soil testing types (including UU/UC triaxial testing and Atterberg Limit testing) and assisting with Hydrometer testing and standard/modified proctor testing. Since joining Gulf South, Mr. Duncan assists the engineering staff with various tasks and analyses, as well as with the soil boring drill crew. He further works as needed in the soils laboratory, and visits and observes on construction projects. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/25 - 03/25	**Geotechnical Exploration Proposal for Suave Bridge at Soniat Canal, River Ridge, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which consisted of the removal and replacement of a bridge along Suave Avenue at the Soniat Canal in River Ridge, LA. The investigation evaluated the effects of the 50 ton crane lift (used to remove the bridge) on the canal slopes and walls. Field exploration included drilling a single soil boring (depth of 60 ft bgs) with geotechnical lab testing involving strength and classification tests. Geotechnical evaluations and analyses included allowable soil bearing values, slope stability analyses, recommendations for remedying potential issues, and general construction procedures and recommendations. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($7,500 (fee); 2025)
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the referenced project. Gulf South's scope was executed in accordance with LA DOTD requirements for roads. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($4,500 (fee); ongoing)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | John G. Duncan Jr., ACI (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
10/24 - 01/25	**Geotechnical Exploration Proposal, Canal No. 17 Slope Options, Kenner, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which included the possible excavation of a new canal (1,300 lf) on the north side of Vintage Avenue at Canal No. 17 in Kenner, LA. The primary purpose of the investigation was to determine various options for canal slopes and design configurations of the existing Canal 17 at this location as well as the proposed new canal. Field exploration including drill 3 soil borings to 60 ft bgs. Lab testing included strength tests and classification tests, all to appropriate ASTM standards; evaluations were made as to subsoil conditions, slope stability, sheetpile design, analysis of various canal configurations and shapes, and general construction procedures and recommendations. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($15,000 (fee); 2025)
11/24 - 02/25	**Cross Gates Phase IV Drainage (Geotechnical Exploration Report), City of Slidell, St. Tammany Parish, LA.** Gulf South provided geotechnical engineering services to prepare a Geotechnical Exploration Report for the project, located in Slidell, LA. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($2,025 (fee); 2025)
10/24 - 02/25	**Geotechnical Exploration Report for Division Street Drainage Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services to prepare a Geotechnical Exploration Report for the project, located in Jefferson Parish, LA. The Division Street project included the area from Lila Lane to West Napoleon Avenue. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($9,500 (fee); 2025)
09/24 - 01/25	**Geotechnical Exploration Report for Reserve Relief Homewood Pump Station Replacement, Reserve, St. John the Baptist Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which consists of the replacement of an existing pump station, reshaping of a drainage canal, and installation of a new drainage pipe in Reserve, LA. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Soil mechanics laboratory tests were performed on samples obtained from the borings; this included natural moisture content, unit weight, Atterberg limits, grain size analyses, and unconfined/tri-axial compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop general engineering and other general construction recommendations for the project. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($24,000 (fee); 2025)
05/24 - 04/25	**Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. Mr. Duncan provided In-Field Engineering services for the project including soils testing and logging. ($62,000 (fee); 2025)

16. Staff Experience:

Firm employed by:	**GULF SOUTH ENGINEERING AND TESTING, INC.**		
Name	**Terry Turner**	Years of relevant experience with this employer	**>1 (2025)**
Title	**Senior Soil Boring Driller**	Years of relevant experience with other employer(s)	**37 (1988)**
Degree(s) / Years / Specialization	**High School Diploma**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**DRILLER; Soil Boring Services**		

Terry Turner is a senior soil boring driller, and has operated truck, track, marsh buggies, and ATV mounted drilling rigs. In addition, he has performed soil borings over water on a barge and using barge-based drilling equipment. Mr. Turner is very familiar with the soils throughout Louisiana and the Gulf South.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/25 - 03/25	**Geotechnical Exploration Proposal for Suave Bridge at Soniat Canal, River Ridge, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which consisted of the removal and replacement of a bridge along Suave Avenue at the Soniat Canal in River Ridge, LA. The investigation evaluated the effects of the 50 ton crane lift (used to remove the bridge) on the canal slopes and walls. Field exploration included drilling a single soil boring (depth of 60 ft bgs) with geotechnical lab testing involving strength and classification tests. Geotechnical evaluations and analyses included allowable soil bearing values, slope stability analyses, recommendations for remedying potential issues, and general construction procedures and recommendations. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($7,500 (fee); 2025)
08/25 - ONGOING	**Geotechnical Exploration Proposal for Energy Transition Parkway (Phase IIA), Donaldsonville, Ascension Parish, LA.** The project involves 1,870 lf of new roadway proposed for the project. Scope was executed in accordance with LA DOTD requirements for roads. Phase IIA involved 4 borings. Geotechnical Engineering services included evaluation of the field and laboratory data to characterize the subsoil conditions of the site and develop recommendations for rigid and/or flexible pavement design, settlement estimates, below grade foundation recommendations, bedding and backfill recommendations, and general construction recommendations. Mr. Turner is providing Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($4,500 (fee); ongoing)
02/25 - 07/25	**Geotechnical Exploration Proposal - Lower Bayou Conway Drainage Improvements, Ascension Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which consists of constructing a new pump station and pond and upgrading existing drainage culverts. Field exploration included drilling a total of 8 undisturbed soil borings (bgs of 20 ft to 60 ft). Laboratory testing included ASTM standard testing. Results were reviewed to develop engineering recommendations and analyses, including soil bearing values, bedding and backfill recommendations, pile load capacities, (material properties from pond area for use as structural fill), slope stability analyses, estimates of settlement, and general construction procedures and recommendations. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($34,145 (fee); 2025)

16. Staff Experience:

GULF SOUTH ENGINEERING AND TESTING, INC. | Terry Turner (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
10/24 - 01/25	**Geotechnical Exploration Proposal, Canal No. 17 Slope Options, Kenner, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which included the possible excavation of a new canal (1,300 lf) on the north side of Vintage Avenue at Canal No. 17 in Kenner, LA. The primary purpose of the investigation was to determine various options for canal slopes and design configurations of the existing Canal 17 at this location as well as the proposed new canal. Field exploration including drill 3 soil borings to 60 ft bgs. Lab testing included strength tests and classification tests, all to appropriate ASTM standards; evaluations were made as to subsoil conditions, slope stability, sheetpile design, analysis of various canal configurations and shapes, and general construction procedures and recommendations. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($15,000 (fee); 2025)
10/24 - 02/25	**Geotechnical Exploration Report for Division Street Drainage Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services to prepare a Geotechnical Exploration Report for the project, located in Jefferson Parish, LA. The Division Street project included the area from Lila Lane to West Napoleon Avenue. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($9,500 (fee); 2025)
11/24 - 02/25	**Cross Gates Phase IV Drainage (Geotechnical Exploration Report), City of Slidell, St. Tammany Parish, LA.** Gulf South provided geotechnical engineering services to prepare a Geotechnical Exploration Report for the project, located in Slidell, LA. Mr. Turner is providing Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($2,025 (fee); 2025)
05/24 - 04/25	**Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($62,000 (fee); 2025)
01/25 - 03/25	**Bunge Corp New Warehouse Building, Avondale, Jefferson Parish, LA.** Gulf South executed geotechnical engineering services regarding the project which consists of the construction of a warehouse/office structure (approx. 130 ft by 120 ft.) in Avondale, LA. The field exploration phase included drilling a single undisturbed soil boring (depth of 110 ft); geotechnical laboratory testing was performed on selected samples. Testing included strength test and classification tests, all to ASTM standards. Geotechnical evaluations included allowable pile load capacities (timber composite piles) and general construction procedures and recommendations. Mr. Turner provided Soil Boring Driller services, both directly and as a Drill Team Supervisor. ($10,500 (fee); 2025)

16. Staff Experience:

Firm employed by:	**FOURRIER & DE ABREU ENGINEERS, LLC**		
Name	**Ricardo de Abreu, Ph.D., P.E., BC.GE, F.ASCE**	Years of relevant experience with this employer	**9**
Title	**Principal/Senior Engineer**	Years of relevant experience with other employer(s)	**22**
Degree(s) / Years / Specialization	**Executive Master of Business Administration / 2026 (expected) / Management and Innovation Concentration** **Doctor of Philosophy in Engineering and Applied Sciences / 2003 / Geotechnical and Environmental Engineering** **Master of Science in Civil Engineering / 2000 / Geotechnical Engineering** **Bachelor of Science in Civil Engineering / 1994 / Civil Engineering**		
Active registration number / state / expiration date	**31257 / Louisiana / 09-30-2026** **136828 / Texas / 12-31-2025** **19233 / Arkansas / 12-31-2025** **39297 / South Carolina / 06-30-2026** **054388/ North Carolina / 12-31-2025** **106568/ New York / 09-30-2025** **30877/ Mississippi / 12-31-2026** **92881/ Florida / 02-28-2027**		
Year Registered	**2004 (LA)**	Discipline	**Civil Engineering and Environmental Engineering**
Contract role(s) / brief description of responsibilities	**ENGINEER - OTHER (GEOTECHNICAL)**		

Dr. de Abreu, P.E. ensures all civil/environmental/geotechnical engineering, geotechnical investigation laboratory work, and designs are completed on time and in strict accordance with LADOTD's Scope of Services.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/22 – ongoing	**Mundy Landfill Cell XI Expansion (Mansfield, LA):** Coordinated field geotechnical sampling and borings, laboratory, and geotechnical testing. Responsible for geotechnical design, levee and liner design, site drainage design, and all environmental permitting. Work will be performed in compliance with the existing 404 permit. Dr. de Abreu will oversee preparation of the public works bid package (including all bid quantity calculations, specifications, and drawings). Dr. de Abreu will be in charge of CQA monitoring, surveying, laboratory geotechnical testing, and certification reporting for the cell construction project which will include perimeter levees and drainage conveyance structures.
01/18 – 07/18	**Citizen's Drop-off Ramp (Berwick, LA):** Responsible for the consolidation, settlement and surcharge analysis over soft soils. Embankment was constructed as part of a drop-off ramp for citizens of St. Mary Parish to dispose their household wastes in a safe manner when coming to the landfill.

16. Staff Experience:

FOURRIER & DE ABREU ENGINEERS, LLC | Ricardo de Abreu, Ph.D., P.E., BC.GE, F.ASCE (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/03 – 06/08	**Louisiana LA-1 Improvements (Golden Meadow to Port Fourchon):** Coordinated geotechnical investigation. Provided pile design, CAPWAP pile analysis as part of the pile load test program of this 17-mile bridge project. Dr. de Abreu was also responsible for the settlement studies of the engineered embankments at the bridge tie-ins, including wick-drain design and settlement monitoring.
2018 – ongoing	**Tangipahoa Parish Regional Landfill Cells 13 to 16 Expansions (Independence, LA):** Coordinated field geotechnical sampling and borings, laboratory, and geotechnical testing. Responsible for geotechnical design, levee and liner design, site drainage design, and all environmental permitting. Work was and is being performed in compliance with the existing 404 permit. Dr. de Abreu has overseen and will continue to oversee preparation of the public works bid packages (including all bid quantity calculations, specifications, and drawings). Dr. de Abreu has been and will continue to be in charge of CQA monitoring, surveying, laboratory geotechnical testing, and certification reporting for the cell construction projects which will include and did include perimeter levees and drainage conveyance structures.

16. Staff Experience:

Firm employed by:	**FOURRIER & DE ABREU ENGINEERS, LLC**		
Name	**Jamie Farmer, P.E.**	Years of relevant experience with this employer	**4**
Title	**Project Engineer/Geotechnical and CMT Laboratory Manager**	Years of relevant experience with other employer(s)	**13**
Degree(s) / Years / Specialization	**B.S. / 2008 / Civil Engineering**		
Active registration number / state / expiration date	**46805 / Louisiana / 09-30-2026**		
Year Registered **2022**	Discipline	**Professional Engineer**	
Contract role(s) / brief description of responsibilities	**ENGINEER - OTHER (GEOTECHNICAL)**		
Mr. Farmer, P. E. will ensure geotechnical investigation laboratory work is completed on time and in strict accordance with LADOTD's Scope of Services. Engineering support will provided as needed.			

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/25 - ongoing	**State Project No. H.014088.6 US 61: Intersection Improvements at LA 427 Ascension Parish, LA** – Currently overseeing the geotechnical and construction materials testing program. Providing engineering support as needed.
06/25 - ongoing	**State Project No. H.014993.6: Lemon Road Over Drainage Bayou East Baton Rouge Parish, LA** - Currently o**verseeing the geotechnical and construction materials testing program. Providing engineering support as needed.**
11/24 - ongoing	**State Project No. H.003931: I-10 Calcasieu River Bridge East Baton Rouge Parish, LA** - Managed the geotechnical laboratory testing program. Reviewed and validated soil testing data reports.
10/23 - 02/24	**Shintech Louisiana LLC- SPP3 Expansion Plaquemine, LA** - Managed the geotechnical laboratory testing program. Reviewed and validated soil testing data reports.
03/23 - 11/23	**State Project No. H.004100I-10: LA 415 to Essen Lane on I-10 and I-12 CMAR Phase1 East Baton Rouge Parish, LA** - Managed the geotechnical and construction QC testing and inspections services program. Reviewed and validated testing and inspection reports.
03/22 - 07/22	**University Lakes Phase 2 East Baton Rouge Parish, LA** - Managed the geotechnical laboratory testing program. Reviewed and validated soil testing data reports.
11/21 - 12/22	**CPRA Phoenix Marsh Creation East Increment BS-0042 Borrow Area - Plaquemines Parish, LA** - Managed the QA geotechnical laboratory testing program. Reviewed and validated soil testing data reports.
10/21-08/22	**CLECO Big Cajun II Ash Pond Closure New Roads, LA** - Managed the QA geotechnical laboratory testing program. Reviewed and validated soil testing data reports.

16. Staff Experience:

FOURRIER & DE ABREU ENGINEERS, LLC | Jamie Farmer, P.E. (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/19 - 01/20	**USACE Project: Zydeco Ridge Restoration II, St. Tammany & Orleans Parish, LA** – Managed the QA geotechnical laboratory testing. Reviewed and validated soil testing data reports.
05/18 - 08/18	**USACE Project: W46 &W85A Levee Slide Repairs, St. Martin Parish, LA** – Managed the geotechnical and construction QA testing and inspections services program. Reviewed and validated testing and inspection reports.
11/17 - 12/17	**USACE W52 Levee Enlargement, St. Martin Parish, LA** – Managed the geotechnical and construction QA testing and inspections services program. Reviewed and validated testing and inspection reports.
10/14 - 11/14 & 12/18 - 01/19	**USACE W52/W64 Levee Slide Repairs, St. Martin Parish, LA** – Managed the geotechnical and construction QA testing and inspections services program. Reviewed and validated testing and inspection reports.
04/13 - 05/14	**USACE Manchac Levee Enlargement East Baton Rough Parish & Iberville Parish, LA** - Managed the geotechnical and construction QA testing and inspections services program. Reviewed and validated testing and inspection reports.
06/10 - 08/11	**USACE WBV-09.a Hero Canal to Oakville Levees, Plaquemines Parish, LA** - Implemented and provided the QA review for the geotechnical and construction materials testing program. Verified conformance of the geotechnical and construction materials testing being performed to the applicable ASTM standards. Conducted meetings with the general contractor, QA testing firm and QC testing firm to discuss and resolve any discrepancies noted in my QA review.
09/09 - 08/11	**USACE WBV-90 GIWW – West Closure Complex, Plaquemines Parish, LA** - Implemented and provided the QA review for the geotechnical and construction materials testing program. Verified conformance of the construction materials testing being performed to the applicable ASTM standards. Conducted meetings with the general contractor, QA testing firm and QC testing firm to discuss and resolve any discrepancies noted in my QA review.
06/08 - 08/09	**USACE Task Order 62 – New Orleans to Venice Levees (NOV) – Plaquemines Parish, LA** - Responsible for the preliminary review of the boring logs. Assisted the senior engineers with developing laboratory test assignments. Perform QA review of all geotechnical laboratory testing. Developed the final geotechnical investigation and testing data package reports for submission to the client.

16. Staff Experience:

Firm employed by:	**PROFESSIONAL TECHNICAL SUPPORT SERVICES, INC.**		
Name	**Scott M. Bergeron, P.E.**	Years of relevant experience with this employer	**36**
Title	**Environmental & Agricultural Engineer**	Years of relevant experience with other employer(s)	**4**
Degree(s) / Years / Specialization	**B.S. / 1984 / Agricultural Engineering (Louisiana State University)** **MBA / 2005 / Business Administration (Louisiana State University)**		
Active registration number / state / expiration date	**25139 / LA / September 30, 2025**		
Year Registered **1993**	Discipline	**Agricultural and Biological Engineer, Environmental Engineer**	
Contract role(s) / brief description of responsibilities	**PRINCIPAL; CPT Services**		

Louisiana Engineering Society
Licensed Louisiana Contractor 41082
National Society of Professional Engineers
Hazardous Waste Operations Training & Updates
merican Society of Agricultural & Biological Engineers
Mine Safety Health & Administration Training

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
2024 - 2025	**Levee Project, Baton Rouge Area - Louisiana.** Project Manager on an effort that consisted redeveloping a few hundred Relief Wells.
2006 - 2008	**New Orleans East Levee Project, Groundwater Flow - Louisiana.** Project Manager and Field Leader on an effort consisted of evaluating the impact of groundwater flow on a 29 mile stretch of levee surrounding New Orleans East, protecting from Lake Pontchartrain and IntraCoastal Waterway. Work included the installation of piezometers and transducers in various permeable sands in the upper 100 feet of stratum.
2005 - 2005	**Post Katrina, S. Louisiana Superfund Site Inspection – Louisiana.** Project Manager and Field Leader on an effort that consisted of inspection and soil & groundwater testing of all closed Superfund sites in South Louisiana following Hurricane Katrina. The work was performed to determine the impact(s) of the hurricane on the sites.
2005 - 2007	**Post Katrina, S. Louisiana Lock & Dam Inspection - Louisiana.** Field Leader on an effort that consisted of a multi-discipline team of professional engineers to inspect all locks and dams in south Louisiana. Each facility was inspected via water and land.
2008 - 2010	**17th Street Canal Sediment Measurement & Testing - Louisiana.** Project Manager and Field Leader on an effort that consisted of measuring and sampling sediments in the 17th Street, London & Orleans Canals after Hurricane Katrina. The data was used to ascertain levels of contaminants in sediments for environmental purposes and thickness of sediments with regard to gates/pump systems to be installed.

16. Staff Experience:

Firm employed by:	**PROFESSIONAL TECHNICAL SUPPORT SERVICES, INC.**		
Name	**Bill Prochaska**	Years of relevant experience with this employer	**15**
Title	**Field Operations Manager**	Years of relevant experience with other employer(s)	**15**
Degree(s) / Years / Specialization	**High School Graduate – Catholic High School (East Baton Rouge) Coursework, Louisiana State University**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**DRILLER; CPT Services**		

Hazardous Waste Operations Training & Updates

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
2024 - 2024	**VibraCore Sediment Sampling at Industrial Site – Louisiana.** Crew Leader of a project consisting of sampling bayou sediments impacted as a result of industrial operations.
2024 - 2025	**Well ReDevelopment – Mississippi River Levee Wells.** Crew Leader of a project at a Federal property consisting of about 100 monitoring wells which had become unusable due to inundations by the surge waters of Hurricane Katrina. The wells were treated, brushed, surged and pumped.
2025 - 2025	**Geoprobe Soil Sampling Investigation of a Commercial Property - Louisiana.** Crew Leader of a Geoprobe investigation consisting of soil and groundwater sampling of a commercial property as part of a Phase II Assessment.
2025 - 2025	**Groundwater Monitoring of an Industrial Facility - Louisiana.** Crew Leader of a groundwater monitoring effort at an industrial site. Utilized a range of sampling techniques and instrumentation.
2025 - 2025	**Water Quality Sampling - Louisiana.** Field Leader on an effort that consisted surface water quality.

16. Staff Experience:

Firm employed by:	GRL ENGINEERS, INC.		
Name	Brandon J. Phetteplace, P.E.	Years of relevant experience with this employer	16
Title	Branch Manager, Senior Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2009 / Civil Engineering (Case Western Reserve University) B.S. / 2008 / Physics and Civil Engineering (State University of New York)		
Active registration number / state / expiration date	PE.0041149 / LA / March 31,/2027		
Year Registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	PROFESSIONAL; PDA Testing		

- **Dynamic Measurement and Analysis Proficiency Test - Expert Level**
- **Conducting Dynamic High Strain Testing, Thermal Integrity Profiling, SPT-Energy Testing, Low Strain Testing, Crosshole Sonic Logging, and**
- **analyses on domestic and international projects**
- **Performing Offshore Hammer Performance Monitoring, High Strain Testing, and related data analyses in the Arabian Gulf**
- **Assisting with ongoing R&D projects in Thermal Integrity Profiling, Shaft Area Profile Evaluations, High Strain Testing, and modeling software**
- **Conducting and assisting with training sessions for new GRLWEAP users**
- **Developing client relations for the GRL-Texas and GRL-Louisiana Branch Offices, which cover Arkansas, Texas, Oklahoma, and Louisiana**

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
2022 - 2022	**DOW Poly 7, Freeport, TX. *Geotechnical Engineering Services.* Provision of Poly 7 Prestressed Precast Concrete Pile Load Testing. PDA testing for multiple pile lengths and types.**
N/A	**Cajun Deep Foundations, Lake Charles, LA. *Geotechnical Engineering Services.* PDA testing for multiple pile lengths and types.**
N/A	**Premier Geotech and Testing LLC, Baton Rouge, LA. *Geotechnical Engineering Services.* PDA testing for multiple pile lengths and types.**
N/A	**HNTB Corporation, Lake Charles, LA. *Geotechnical Engineering Services.* PDA testing for multiple pile lengths and types.**

16. Staff Experience:

Firm employed by:	**WALKER-HILL ENVIRONMENTAL, INC.**		
Name	**Rusty J. Rizzo**	Years of relevant experience with this employer	**25**
Title	**Regional Manager**	Years of relevant experience with other employer(s)	***7***
Degree(s) / Years / Specialization	**B.S. / 1993 / Geology**		
Active registration number / state / expiration date	**N/A**		
Year Registered **N/A**	Discipline	**N/A**	
Contract role(s) / brief description of responsibilities	**DRILLER; Project Manager**		

OSHA Hazardous Waste Training – 40 hour
OSHA Refresher Training Courses – 8 hour

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/01 – 08/25	**Managed multiple CPT projects/various drilling projects in LA, MS, TX, AR, FL, AL**
08/98 - 02/00	**U.S. EPA, Region 6 – Madisonville Creosote Works Superfund Site, Madisonville, Louisiana:** Assistant Project Manager/Tetra Tech Health and Safety Officer for this $25 million remediation Project. Responsible for the management of (6) field personnel conducting various oversight and sampling activities associated with the 29 – acre site.
04/97 - 08/98	**U.S. EPA, Region 6 – Gulf Coast Vacuum Services Superfund Site, Abbeville, Louisiana:** Project Geologist for this multi-million dollar remediation project. Managed field oversight and sampling activities for the remedial activities conducted on the 12 - acre site.
07/94 - 04/97	**Union Carbide Corporation, Taft, Louisiana:** Managed field activities for a RFI conducted at this major chemical manufacturing facility. Included were installation of over (50) soil exploration borings, installation of monitor wells, and data reduction.
07/94 - 04/97	**Cos-Mar Company; Carville, Louisiana:** Managed field activities for groundwater investigations of the Plant I Flare at this major styrene manufacturing facility. Activities included the installation of soil borings for the collection of soil and groundwater samples for analysis of purgeable aromatic hydrocarbons, analysis of potential source areas, plume delineation, calculations of containment flow velocities, and report preparation.
07/94 - 04/97	**Murphy Oil USA, Inc.; Alabama, Louisiana, North Carolina, and Tennessee:** Managed field activities for subsurface soil and groundwater investigations during UST release investigations, extent of contaminated delineation, site closure, well decommissioning, and remediation activities.
07/94 - 10/94	**Behles & Associates (Chapter 7 Trustee, US Bankruptcy Court – New Mexico);** New Mexico and Oklahoma: Managed field activities for subsurface soil and groundwater investigations during UST release investigations and extent of contamination delineation.

16. Staff Experience:

Firm employed by:	**WALKER-HILL ENVIRONMENTAL, INC.**		
Name	**Jack Womble**	Years of relevant experience with this employer	**9**
Title	**CPT Drill Rig Operator**	Years of relevant experience with other employer(s)	**0**
Degree(s) / Years / Specialization	**N/A**		
Active registration number / state / expiration date	**N/A**		
Year Registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities	**DRILLER; CPT Drill Rig Operator**		

30 hour OSHA General Industry
30 hour OSHA Construction Industry
Fire Extinguisher Safety training
E-rail Safety
Class A CDL
08 Basic Plus
Roadway Worker Protection

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/25 - 07/25	**CPT Operator for Griffin, GA**
03/25 – 03/25	**CPT Operator for Belle Chasse, LA**
01/25 – 01/25	**CPT Operator for Westwego, LA**
07/25 - 07/25	**CPT Operator for LeRoy, AL**
06/25 - 06/25	**CPT Operator for Lovejoy, GA**

16. Staff Experience:

Firm employed by:	WALKER-HILL ENVIRONMENTAL, INC.		
Name	Chris Hayslip	Years of relevant experience with this employer	8
Title	CPT Drill Rig Operator	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	B.S. / 2004 / Environmental Engineering (University of Florida)		
Active registration number / state / expiration date	N/A		
Year Registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	DRILLER; Manager & CPT Drill Rig Services		

Mr. Hayslip is responsible for managing complex drilling projects that include High Resolution Site Characterization activities such as Membrane Interface Probe, Hydraulic Profile Tool, Electrical Conductivity, Laser Induced Florescence, Optical Interface Probe, and Cone Penetration Testing. Data collected in the field is processed, then undergoes quality control measures to ensure accuracy and post processing analysis is performed and any requested reporting is completed. Traditional drilling projects are also managed which include rotosonic and direct push technologies.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/16 – 08/25	Managed multiple CPT projects in LA, MS, TX, AR, FL, AL
03/25 – 03/25	Project Manager CPT Drilling in Belle Chasse, LA
01/25 – 01/25	Project Manager CPT Drilling in Westwego, LA
07/25 – 07/25	Project Manager CPT Drilling in LeRoy, AL
06/25 – 06/25	Project Manager CPT Drilling in Lovejoy, GA

16. Staff Experience:

Firm employed by:	**BFM CORPORATION, LLC**		
Name	**Gary J. Lambert, Jr., PLS**	Years of relevant experience with this employer	**7 (2018)**
Title	**Vice President; Registgered Professional Land Surveyor**	Years of relevant experience with other employer(s)	**7 (2011)**
Degree(s) / Years / Specialization	**B.S. / 2018 / Geomatics (Nicholls State University)** **B.S. / 2014 / Construction Management (Louisiana State University)**		
Active registration number / state / expiration date	**5929 / LA / March 31, 2026**		
Year Registered	**2021**	Discipline	**PLS (Professional Land Surveyor)**
Contract role(s) / brief description of responsibilities	**SURVEYOR; Land Surveying Services; Project Management (Survey)**		

Gary J. Lambert, Jr., is a registered Professional Land Surveyor in Louisiana and provides Project and Drafting Management for BFM Corporation. He is the first point of contact for clients on technical matters, scheduling, and deliverables for project work, and conducts meetings with engineering, architectural, and government officials to discuss various project needs. His project work has encompassed all manner of surveying services, from basic home lots to 300+ acre tract boundary surveys. He has considerable experience in topographic and boundary surveys and SUE surveying projects.

In the field, Mr. Lambert has provided services as a Survey Crew Chief, using both traditional and robotic surveying methods and has experience with Leica, Hypack, AutoCAD, AutoCAD 3D, Trimble, and RTK surveying technologies. He further trains employees in the use of an aerial drone, laser scanner, and remote-controlled hydrographic survey boat. This survey experience includes topographic, boundary, ALTA/NSPS, FEMA, and various construction surveying. Mr. Lambert has also conducted hydrographic surveys in the Mississippi River and various other bodies of water throughout the Gulf Coast area.

Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/24 - ongoing	**Duplessis Road Right-of-Way Map Revisions and Asphalt Path Section (DOTD H.013850; A/E Project No. 20-1744A), Ascension Parish, LA. Mr. Lambert is providing Surveying Services on the project, which is ongoing.** BFM Corporation provided multiple surveying services for the project; this included a Right-of-Way Map Revision, Benchmark, and Topographic Survey. The R/W Map Revision included revising the curve and adding a multi-use path. For the Benchmark portion, BFM revised the TBM & Reference Points sheet, as well as the drainage maps sheet as the stationing changed with the aforementioned revised curve. For the Topographic Survey element, BFM executed a survey between Sta 184+0000 to 187+00 Right, as there had been changes within this area. The survey extended 10 feet beyond the existing R/W, and included spot elevations, location of improvements & utilities and piping, as well as location of natural elements. ($13,275 (fee); ongoing)

16. Staff Experience:

BFM CORPORATION, LLC | Gary J. Lambert, Jr., PLS (continued)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/22 - ongoing	**E. Minnesota Park Road Roundabout Project (DOTD H.014340), Hammond, Tangipahoa Parish, LA. Mr. Lambert is providing Surveying Services on the project, which is ongoing.** BFM is providing comprehensive surveying services to prepare a Louisiana DOTD Compliant Route Topographic & Right-of-Way Survey for the E. Minnesota Park Road Roundabout Project. This included topographic and boundary surveying with right-of-way maps and GPS surveying services. TheTopographic and Boundary Survey scope included GPS control; and submitted OPUS solutions with sketch to DOTD for approval. The scope of work for the Survey Line phase included traversing the proposed survey line and processing/ submitting (along with Closure Data) to DOTD for approval. The full topographic and boundary survey element included establishing Temporary Benchmarks (TBMs) along the project survey line; property corners were located along the route to verify the rights-of-way and individual property ownership. Existing improvements, natural and man-made, were located. The next element will involve Right-of-Way maps; the survey work will involve setting property corners at the corners of the acquired property. ($63,210 (fee); ongoing)
01/17 - 08/19	**LA 49, Williams Boulevard from West Metairie Avenue to the I-10 East Ramp (DOTD H.010570), Kenner, Jefferson Parish, LA. Mr. Lambert provided Surveying Services on the project.** BFM Corporation's surveying services for the project included topographic surveying along Williams Boulevard (LA 49) from 200 feet south of West Metairie Avenue to the I-10 East Ramp. Project involved multiple visits on an as-needed basis over several years. ($117,732 (fee); 2019)
02/19 - 09/20	**Lapalco Boulevard Bridge at Harvey Canal, (DOTD H.004396; PW 2017-046-RBP), Jefferson Parish, LA. Mr. Lambert provided Surveying Services on the project.** BFM provided extensive surveying services for a topographic & hydrographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope. ($478,744 (fee); 2020)
08/18 - 10/19	**Louisiana Highway 52 (Phase 1; Blueberry Hill to Angus Drive) (DOTD H.013494), St. Charles Parish, LA. Mr. Lambert provided Surveying Services on the project.** BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Project work in this multi-phase undertaking included GPS Static Control (Phase I; establishing the Survey Line and setting control points), Survey Line Traverse (Phase II; referencing 3-point ties, State Plane Coordinate System, and DOTD review), and Topography (Phase III; all topographic surveying elements, including location of utilities, cross sections, referencing drainage map, established record drawings referencing). Extensive records research was a key element of the project. ($87,710 (fee); 2019)

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q17 EXPERIENCE

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

17. Firm Experience:

Firm name	GULF SOUTH ENGINEERING AND TESTING, INC.	Past Performance Evaluation Discipline*	GEOTECH
Project name	Geotechnical Data Report for Multiple Tammany Trace Bridges	Firm Responsibility (prime or sub?)	prime

Project number	N/A	Owner's Name	St. Tammany Parish Public Works
Project location	St. Tammany Parish, Louisiana	Owner's Project Manager	Truman D. Sharp, III
Owner's address, phone, email	21454 Koop Dr Bldg B | Mandeville LA 70471 | 985-898-2557 tdsharp@stpgov.org		

Services commenced by this firm (mm/yy)	04/24	Total consultant contract cost ($1,000s)	$91.0
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm ($1,000s)	$91.0

Gulf South executed geotechnical field explorations for the project, which consisted of the construction or replacement of bridges at six locations (bridges 6, 9, 10, 11, 12, and 13) along the Tammany Trace Corridor. The Tammany Trace was originally a corridor for the Illinois Central Railroad, spanning from downtown Covington, through Abita Springs, Mandeville and Lacombe, and ending in Slidell. The study included drilling 12 soil test borings each to depth of 100 feet below ground surface and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics in order to prepare a full engineering report that included pile capacities (LRFD Method), scour analyses, estimates of settlement, and general construction recommendations.

All field work, laboratory testing, and engineering analyses are performed in accordance with Louisiana DOTD requirements as the project was assigned an "H" number and is reviewed by DOTD personnel.

Once the Geotechnical Design Report was received by the design team, design began and included Load and Resistance Factor Design (LRFD) of deep foundations for the bridge bents and estimates of settlement. Gulf South is currently working on finalizing a Geotechnical Interpretive Report (GIR) for the six proposed bridges.

***Featured Team Members** include:*

Chad M. Poché, P.E.
Bryson S. Beard, P.E., ACI
Joseph H. "Trey" Binder, III, ACI
Ian Kerner Poché, ACI
Tyler W. Pregeant, ACI

17. Firm Experience:

Firm name	GULF SOUTH ENGINEERING AND TESTING, INC.	Past Performance Evaluation Discipline*	GEOTECH
Project name	Geotechnical Exploration Proposal: Off System Road Bridge Replacement, Lock No. 2 Road	Firm Responsibility (prime or sub?)	sub

Project number	N/A	Owner's Name	Meyer Engineers, Ltd.
Project location	St. Tammany Parish, Louisiana	Owner's Project Manager	Jitendra Shah, P.E.
Owner's address, phone, email	4937 Hearst Street, Suite 1B | Metairie LA 70001 | 504-885-9892 jshah@meyer-e-l.com		

Services commenced by this firm (mm/yy)	04/22	Total consultant contract cost ($1,000s)	N/A
Services completed by this firm (mm/yy)	07/22	Cost of consultant services provided by this firm ($1,000s)	$12,500 (fee)

Geotechnical engineering services for the project which consists of the construction of a replacement bridge across an existing canal off Lock No. 2 Road in St. Tammany Parish. The new bridge will be pile supported and designed in accordance with Louisiana DOTD standards. The scope of services included subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon project requirements.

The scope of services included drilling two undisturbed borings (depth of 70 feet below pavement surface at opposite bridge abutments), with additional soil sampling for the stream bed areas. The borings were advanced by dry auger or rotary wash methods using rotary type drilling equipment. The soil borings were sampled continuously or on approximate 5 foot centers. The boreholes were backfilled and pavement areas patched per Louisiana DOTD regulations. Groundwater, if detected, was measured during the field exploration.

Geotechnical laboratory testing was performed on selected samples collected during the exploration. All tests are performed in general accordance with the appropriate ASTM and LA DOTD standards. In general, the testing program consisted of strength tests (unconfined and/ or triaxial), classification tests (Atterberg Limits and/ or particle size), and others as appropriate. Following the collection of the field and laboratory data, a geotechnical engineer performed the necessary evaluations in order to characterize the subsoil conditions of the site and develop engineering recommendations and analyses, including allowable pile load capacities (square concrete) (LRFD Method); estimates of settlement; flexible pavement design recommendations; sieve analyses of stream bed soils, and; general construction procedures and recommendations.

Once completed, findings, conclusions, and recommendations are presented in a report signed by a Professional Engineer registered in the State of Louisiana. All field work, laboratory testing, and engineering analyses were performed in accordance with LA DOTD requirements as the project was assigned an "H" number and reviewed by LA DOTD personnel.

***Featured Team Members** include:*

Chad M. Poché, P.E.
Bryson S. Beard, P.E., ACI
Joseph H. "Trey" Binder, III, ACI

17. Firm Experience:

Firm name	**GULF SOUTH ENGINEERING AND TESTING, INC.**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**New Roundabout (Lowes Ave at LA Hwy 44)**	Firm Responsibility (prime or sub?)	**sub**

Project number	**N/A**	Owner's Name	**Meyer Engineers, Ltd.**
Project location	**Gonzales, Ascension Parish, Louisiana**	Owner's Project Manager	**Kenneth "Kenny" Belou, P.E.**
Owner's address, phone, email	**4937 Hearst Street, Suite 1B | Metairie LA 70001 | 504-885-9892 kbelou@meyer-e-l.com**		

Services commenced by this firm (mm/yy)	**09/22**	Total consultant contract cost ($1,000s)	**N/A**
Services completed by this firm (mm/yy)	**01/23**	Cost of consultant services provided by this firm ($1,000s)	**$9.5**

Gulf South Engineering and Testing provided geotechnical engineering services for the construction of a paved roundabout at the intersection of Lowes Avenue and Louisiana Highway 44 in Ascension Parish, LA. The scope of services includes drilling four undisturbed soil borings (3 borings through existing pavement and 1 boring within an unpaved area) to depths of 10 feet below the ground surface, pavement coring, traffic control, laboratory testing, engineering analyses and general construction procedures and recommendations for flexible pavements.

All field work, laboratory testing, and engineering analyses were performed in accordance with LA DOTD requirements as the project was assigned an "H" number and reviewed by LA DOTD personnel.

Featured Team Members *include:*

Chad M. Poché, P.E.
Bryson S. Beard, P.E., ACI
Joseph H. "Trey" Binder, III, ACI

17. Firm Experience:

Firm name	**GULF SOUTH ENGINEERING AND TESTING, INC.**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**E. Minnesota Park Roundabout Study (Minnesota Park Road and S. Range Road)**	Firm Responsibility (prime or sub?)	**sub**

Project number	**N/A**	Owner's Name	**Richard C. Lambert Consultants, LLC**
Project location	**Hammond, Tangipahoa Parish, LA**	Owner's Project Manager	**Franz J. "Frank" Zemmer, P.E.**
Owner's address, phone, email	**900 West Causeway Approach | Mandeville LA 70471 | 985-727-4440 fzemmer@rclconsultants.com**		

Services commenced by this firm (mm/yy)	**11/22**	Total consultant contract cost ($1,000s)	**N/A**
Services completed by this firm (mm/yy)	**07/23**	Cost of consultant services provided by this firm ($1,000s)	**$8.5**

Geotechnical engineering services for the construction of a new paved roundabout roadway intersection at Minnesota Park Road and S. Range Road in Hammond, LA. Gulf South's scope included drilling five undisturbed soil borings each to a depth of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations for Rigid or Flexible pavements.

All field work, laboratory testing, and engineering analyses were performed in accordance with Louisiana DOTD requirements as the project was assigned an "H" number and reviewed by Louisiana DOTD personnel.

Featured Team Members *include:*

Chad M. Poché, P.E.
Bryson S. Beard, P.E., ACI
Joseph H. "Trey" Binder, III, ACI

17. Firm Experience:

Firm name	**GULF SOUTH ENGINEERING AND TESTING, INC.**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**I-10 Calcasieu River Bridge Public-Private Partnership Project**	Firm Responsibility (prime or sub?)	**sub**

Project number	**SP H.003931 | FAP 010121**	Owner's Name	**ECS Southeast, LLC**
Project location	**Calcasieu Parish, Louisiana**	Owner's Project Manager	**Joe Cobena, P.E.**
Owner's address, phone, email	**11211 Industriplex Blvd Suite 300 | Baton Rouge LA 70809 | 225-224-2583** **jcobena@ecslimited.com**		

Services commenced by this firm (mm/yy)	**10/24**	Total consultant contract cost ($1,000s)	**N/A**
Services completed by this firm (mm/yy)	**12/24**	Cost of consultant services provided by this firm ($1,000s)	**$114.5**

The Calcasieu Bridge was built approximately 70 years ago and the interstate 60 years ago. The bridge was rehabilitated in 2011-2012, which extended its life expectancy. The Project was needed because the geometric and structural designs of I-10 and the I-10 Calcasieu River Bridge do not meet current design guidelines for freeways, ramps, and frontage roads for this section of the Interstate Highway System.

Gulf South was selected to provide boring & sampling by our Prime, ECS Southeast, LLC. These services included drilling for 35 soil borings (a total of 3,930 linear feet) to depths of 220 ft. (2 borings), 160 ft. (2 borings), 120 ft. (14 borings), 100 ft. (13 borings), 80 ft. (1 boring), 50 ft. (1 boring), and 30 ft. (2 borings) per our Prime's direction and in accordance with LA DOTD criteria. All borings were drilled on land. Gulf South's two- and three-man crews were utilized for borings utilizing truck or ATV mounted drill equipment as appropriate.

Sampling consisted of continuous sampling from 10 and 20 ft. and 5 ft o/c. for cohesive soils and 3 ft. o/c. for cohesionless soils. Shelby tubes were pushed for cohesive soils and SPT samples were performed in cohesionless or cohesive soils.

Featured Team Members *include:*

Chad M. Poché, P.E.
Bryson S. Beard, P.E., ACI

17. Firm Experience:

Firm name	**FOURRIER & DE ABREU ENGINEERS, LLC**	Past Performance Evaluation Discipline*	**GEOTECH, SURVEY**
Project name	**Harold J. "Babe" Landry Landfill (Geotechnical Investigation, Slope Stability Analysis, and Landfill Expansion)**	Firm Responsibility (prime or sub?)	**prime**

Project number	**N/A**	Owner's Name	**St. Mary Parish Government**
Project location	**Berwick, St. Mary Parish, LA**	Owner's Project Manager	**Bo LaGrange, CAO**
Owner's address, phone, email	**500 Main St., 5th Floor Courthouse | Franklin LA | 337-828-4100x500 hlagrange@stmaryparishla.gov**		

Services commenced by this firm (mm/yy)	**02/21**	Total consultant contract cost ($1,000s)	**>$250.0**
Services completed by this firm (mm/yy)	**ongoing**	Cost of consultant services provided by this firm ($1,000s)	**>$250.0**

FDAE conducted a geotechnical investigation in the soft compressible deltaic clays and in the high groundwater table of this area by advancing borings through the landfill's levees (and not within the landfill cells since the liners and waste cannot be penetrated for environmental reasons). The soil samples collected were analyzed in FDAE's lab to determine the existing strength parameters as well as other geotechnical data. These data were compared to historical borings conducted in the same locations so that the subgrade soil's strength gains in the intervening years since the perimeter levees were installed could be determined. These results were extrapolated (with appropriate factors of safety) to the theoretical subgrade soil strength gains that can be expected under the landfill if it is loaded in the time frame and in the manner specified by FDAE. These revised strengths were used in an updated slope stability model to determine that the landfill's side slopes could be increased to straight 4:1 slopes (vs the current permitted slopes which contain benches and 4:1 and 5:1 slopes).

FDAE also conducted a slope stability analysis to determine that the Oxidation Pond could be backfilled with Type III wastes as the last phase of the facility's Implementation Plan. Together, these changes will add 49 years (+/-) of life to the facility, will create an additional 1.8 million cubic yards of airspace (a 26% facility increase), will create approximately $63 million (+/-) in additional revenue, and all of these benefits will be realized with little or no additional construction costs for the Parish. The landfill's stability will be monitored with vibrating wire piezometers and inclinometers to detect early warning signs of instability so that preventative measures can be taken if necessary.

***Featured Team Members** include:*

Ricardo de Abreu, Ph.D., P.E., BC.GE, F.ASCE
Jamie Farmer, P.E.

17. Firm Experience:

Firm name	**FOURRIER & DE ABREU ENGINEERS, LLC**	Past Performance Evaluation Discipline*	**Other (QC Testing)**
Project name	**Phase 1 of the I-10 to LA 415 to Essen Lane on I-10 and I-12 CMAR Project**	Firm Responsibility (prime or sub?)	**prime**

Project number	**H.004100**	Owner's Name	**Louisiana Dept. of Transportation and Development**
Project location	**Baton Rouge/E Baton Rouge Parish, LA**	Owner's Project Manager	**Brian Kendrick**
Owner's address, phone, email	**1201 Capitol Access Road | Baton Rouge LA 70802 | 225-379-1232 Brian.Kendrick@la.gov**		

Services commenced by this firm (mm/yy)	**03/23**	Total consultant contract cost ($1,000s)	**>$34.0**
Services completed by this firm (mm/yy)	**11/23**	Cost of consultant services provided by this firm ($1,000s)	**>$34.0**

This project runs from I-10: LA 415 to Essen Lane on I-10 and I-12 and is the largest urban interstate reconstruction project in LADOTD history. The focus this project consists of widening and reconstruction of the I-10 east and west mainlines from six to eight lanes. The major improvements include bridge replacement and rehabilitation, interchange and ramp modifications, shoulder widening, and auxiliary lanes. Phase 1 (this project) limits extend from the Mississippi River Bridge to Essen Lane on I-10.

FDAE's main responsibility for this project was to provide oversight during embankment and base course construction, and concrete work. Inspection tasks for this project include: observing construction when the contractor was working on payable work items and critical activities; base course inspection and testing; structural concrete inspection and testing; PCC paving inspection and testing; monitoring and tracking construction progress; assisting the contractor with making sure the work is done safely and in accordance with the project plans and specifications; providing field measurements; documenting site conditions at the start and end of each workday; preparing daily field reports with photographs and transmitting them to the project team daily; notifying the contractor of nonconformance with the contract documents in a timely manner; and coordinating with and monitoring work performed by the contractor and their subcontractors.

***Featured Team Members** include:*

Jamie Farmer, P.E.

17. Firm Experience:

Firm name	**FOURRIER & DE ABREU ENGINEERS, LLC**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**I-10 Calcasieu River Bridge Project**	Firm Responsibility (prime or sub?)	**sub**

Project number	**H.003931**	Owner's Name	**Louisiana Dept. of Transportation and Development**
Project location	**Calcasieu Parish, LA**	Owner's Project Manager	**Paul Vaught**
Owner's address, phone, email	**1201 Capitol Access Road | Baton Rouge LA 70802 | 225-379-1816 Paul.VaughtIII@la.gov**		

Services commenced by this firm (mm/yy)	**11/24**	Total consultant contract cost ($1,000s)	**>$113.0**
Services completed by this firm (mm/yy)	**ongoing**	Cost of consultant services provided by this firm ($1,000s)	**>$113.0**

The I-10 Calcasieu Bridge Improvements Project aims to enhance a 9-mile stretch of Interstate 10 in Calcasieu Parish, Louisiana, between the I-10/I-210 west and east interchanges. The project includes upgrades to the Calcasieu River Bridge, interstate roadways, bridge approaches, frontage roads, and several key interchanges connecting to state and local road. FDAE provided geotechnical testing and reporting support for this project which included moisture content testing, Atterberg Limits, Grain-Size Analysis, Unconsolidated Undrained Strength testing and Unconfined Compressive Strength testing.

Featured Team Members *include:*

Jamie Farmer, P.E.

17. Firm Experience:

Firm name	**WALKER-HILL ENVIRONMENTAL, INC.**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**CPT – Belle Chasse, Louisiana**	Firm Responsibility (prime or sub?)	**sub**

Project number	**H25018-83LA**	Owner's Name	**GeoEngineers**
Project location	**Westwego, Louisiana**	Owner's Project Manager	**David Eley**
Owner's address, phone, email	**11923 Sunbelt Court | Baton Rouge LA 70809 | 225-293-2460** **deley@geoengineers.com**		

Services commenced by this firm (mm/yy)	**01/25**	Total consultant contract cost ($1,000s)	**$21.0**
Services completed by this firm (mm/yy)	**01/25**	Cost of consultant services provided by this firm ($1,000s)	**$21.0**

Walker Hill provided CPT services for the project.

Featured Team Members *include:*

Rusty J. Rizzo
Jack Womble
Chris Hayslip

17. Firm Experience:

Firm name	**WALKER-HILL ENVIRONMENTAL, INC.**	Past Performance Evaluation Discipline*	**GEOTECH**
Project name	**CPT – Westwego, Louisiana**	Firm Responsibility (prime or sub?)	**sub**

Project number	**H25018-83LA**	Owner's Name	**Southern Earth Science**
Project location	**Belle Chasse, Louisiana**	Owner's Project Manager	**Leigh Brister**
Owner's address, phone, email	**Post Office Box 160745 | Mobile AL 36616 | 251-344-7711 cbush@soearth.com**		

Services commenced by this firm (mm/yy)	**03/25**	Total consultant contract cost ($1,000s)	**$16.0**
Services completed by this firm (mm/yy)	**03/25**	Cost of consultant services provided by this firm ($1,000s)	**$16.0**

Walker Hill provided CPT services for the project.

Featured Team Members *include:*

Rusty J. Rizzo
Jack Womble
Chris Hayslip

17. Firm Experience:

Firm name	BFM CORPORATION, LLC	Past Performance Evaluation Discipline*	SURVEY
Project name	E. Minnesota Park Road Roundabout Project	Firm Responsibility (prime or sub?)	SUB

Project number	DOTD H.014340	Owner's Name	Richard C. Lambert Consultants, LLC
Project location	Hammond, Tangipahoa Parish, LA	Owner's Project Manager	Franz J. "Frank" Zemmer, P.E.
Owner's address, phone, email	900 West Causeway Approach | Mandeville LA 70471 | 985-727-4440 fzemmer@rclconsultants.com		

Services commenced by this firm (mm/yy)	11/22	Total consultant contract cost ($1,000s)	N/A
Services completed by this firm (mm/yy)	ONGOING	Cost of consultant services provided by this firm ($1,000s)	$63.1

BFM Corporation is providing comprehensive surveying services to prepare a Louisiana DOTD Compliant Route Topographic & Right-of-Way Survey for the project. This includes topographic and boundary surveying with right-of-way maps and GPS surveying services. The scope of work for the Topographic & Boundary Survey included GPS control; BFM set permanent control points to encompass the survey area, and collected static observations as directed by DOTD procedures. These observations were processed through OPUS to obtain the averaged values of the control points. Deliverables included submitting OPUS solutions with sketch to DOTD for approval.

The scope of work for the Survey Line phase (executed after receiving approval from DOTD for the GPS Static Control Sketch) included traversing the proposed survey line. The beginning, end, points of intersection set are referenced by three-point ties to topographic features in the area; this baseline is also referenced to the Louisiana State Plane Coordinate System (South Zone, NAD 1983; 2011). Thorough field notes are taken per DOTD Manual Section 1.04. Traverse Data was processed and submitted (along with Closure Data) to DOTD for approval.

The full topographic and boundary survey element included establishing Temporary Benchmarks (TBMs) along the project survey line, with the vertical datum referenced to N.A.V.D. 1988 (Geoid 12B). BFM's research services included obtaining utility company information and submitting to the DOTD Headquarters Utility Engineer. BFM further obtained a list of property owners via available records at the Parish Land Records Office as well as available property record maps (property deeds, utility maps and easements, drainage maps and other available public information). Property corners were located along the route to verify the rights-of-way and individual property ownership. Existing improvements were located within the Limits of Survey. Spot elevations were taken at 50 ft. intervals.

The next element involves Right-of-Way maps; this phase of work begins once the design has been completed and BFM is provided sufficient information detailing the required property acquisition. The survey work involves setting property corners at the corners of the acquired property. Reference for this element included the Louisiana DOTD Location and Survey Manual (Chapter III: Right-of-Way Maps); drafting work shall be completed in MicroStation.

Featured BFM Corporation Team Members include: ***Gary J. Lambert, Jr., PLS***

17. Firm Experience:

Firm name	BFM CORPORATION, LLC	Past Performance Evaluation Discipline*	SURVEY
Project name	Duplessis Road Right-of-Way Map Revisions and Asphalt Path Section	Firm Responsibility (prime or sub?)	SUB

Project number	DOTD H.013850	Owner's Name	Meyer Engineers Ltd.
Project location	Ascension Parish, LA	Owner's Project Manager	David Dupré
Owner's address, phone, email	4937 Hearst Avenue, Suite B | Metairie LA 70001 | 504-885-9892 ddupre@meyer-e-l.com		

Services commenced by this firm (mm/yy)	07/24	Total consultant contract cost ($1,000s)	N/A
Services completed by this firm (mm/yy)	ONGOING	Cost of consultant services provided by this firm ($1,000s)	$13.3

BFM Corporation is providing multiple surveying services for the project. The first element involves a Right-of-Way Map Revision, based on noted/ provided survey maps and included revising the curve (near Station 116+00) and adding a 10 ft. multi-use path from Station 152+20 to 187+00. Deliverables for this element of the project include a revised R/W map.

For the Benchmark portion, BFM revised the Temporary Benchmark & Reference Points sheet, as well as the drainage maps sheet as the stationing changed with the aforementioned revised curve. (A station equation was done at the end of the curve so the stationing would not change for the remainder of the project.) A revised Benchmark & Reference Points Sheet was provided when completed.

For the Topographic Survey element, BFM executed a survey between Sta 184+00 to 187+00 Right, as there had been changes within this area. The survey extended 10 feet beyond the existing R/W. Spot elevations were taken at 25 ft. intervals within the Limits of Survey. Under this element, BFM located existing improvements within the designated Limits of Survey. Visible above-ground utilities as well as underground utilities with visible surface evidence were also located. (As is standard practice, BFM works with Louisiana One Call to mark the underground utilities in the project area prior to the execution of field work.) Services also included determining the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established. Trees with a caliper size of 8 inches or greater, at 48 inches above grade, were located and, when possible, identified by name on the final survey.

Project deliverables for the Topographic Survey element include detailed indelible prints showing plan and baseline profile views with cross sections, clearly showing all the items listed above, to scale, as well as a high-resolution PDF of same. AutoCAD drawing files are provided in DWG format.

Featured BFM Corporation Team Members include: ***Gary J. Lambert, Jr., PLS***

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q18 APPROACH AND METHODOLOGY

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

18. Approach and Methodology:

COMPREHENSIVE SERVICE DELIVERY

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to four offices (with three in Louisiana) and over 30 employees. Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing & inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection. Gulf South has its own drilling equipment (truck, ATV, and track mounted drill rigs), soil and concrete laboratories, registered Professional Engineers, and certified and highly trained, experienced, and skilled technicians. The firm is one of only a few Louisiana-headquartered geotechnical engineering companies.

Gulf South is a woman-owned, Hudson Initiative-certified small business in Louisiana. Our Kenner laboratory is AASHTO and CCRL certified and USACE validated.

Fourrier & de Abreu Engineers, LLC (LA-based DOTD-certified DBE Firm), will provide CE&I/OV and geotechnical engineering services. Founded in 2016, FDAE is a minority-owned company whose business services include Environmental Engineering, Geotechnical Engineering, Construction Materials Testing, and Surveying Services.

Walker-Hill Environmental, Inc. (WHE) is a privately-held remediation and environmental drilling service firm with offices in Walker, Louisiana (as well as Mississippi & Florida). Since the 1990s, WHE has been providing remediation construction and drilling services to private sector clients and local, state, and federal governmental agencies.

Professional Technical Support Services Inc. (Pro-Tech) is a Baton Rouge-based service company which provides field services on environmental and geotechnical projects to industry, consultants, contractors and analytical laboratories. The firm was formed in 1989 and has completed projects throughout the eastern United States and beyond. The principal staff has an abundance of diverse field experiences focusing on hydrogeological assessments, environmental studies, remedial actions, construction management and similar efforts. Projects are implemented utilizing industry standards and site specific work plans prepared by consultants.

GRL Engineers, Inc. provides testing, analysis, and consulting services to the deep foundation industry. GRL operates the largest dynamic pile testing firm in the world, both on land and offshore. GRL's service line has also expanded to cover the vast majority of all deep foundation testing needs for driven piles, drilled shafts, augured cast-in-place piles, drilled displacement piles, barrettes, diaphragm wall panels, micropiles, and helical piles. They have offices in New Orleans.

BFM Corporation, LLC, provides land & hydrographic surveying services to public & private concerns throughout Louisiana and the Gulf South. Since 1982, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic and hydrographic, as well as drone-based surveying, LiDar and photogrammetry, and high-definition laser scanning. BFM Corporation is a majority Woman-Owned Business Enterprise (WBE) as well as a Hudson Initiative certified Small & Emerging Business and Small Entrepreneurship in Louisiana.

The Gulf South team is capable, equipped, and thoroughly efficient in performing the elements of the geotechnical scope of work as noted in the Louisiana DOTD's RFQ. We offer the following sample schedule to ensure we fulfill the requirements and needs of the agency:

18. Approach and Methodology: (continued; page 2 of 4)

- Upon award, Gulf South will assign and experience project engineer (Project Manager) to oversee all aspects of the geotechnical services. The PM will provide constant communication and updates to Louisiana DOTD personnel.
- All field exploration services will be performed by experienced personnel with field equipment owned by Gulf South, Walker-Hill Environmental, and Professional Technical Support Services (Pro-Tech) (unless specialized equipment is dictated by the task at hand). We will adjust equipment and personnel in order to provide on-target project schedules and milestones.
- If needed, surveying services will be provided by BFM Corporation on a per-project basis.
- As applicable, geotechnical instrumentation will be installed concurrent with the exploration, with readings taken on a pre-determined schedule and transmitted to DOTD (and other parties as appropriate).
- Laboratory testing will be performed by certified technicians to ensure DOTD, ASTM, and AASHTO procedures are followed.
- The assigned engineering team (from Gulf South and Fourrier & deAbreu Engineering) will perform engineering analyses and prepare & send all required deliverables.

Our team has drilled shallow and deep soil borings and have performed CPTs on thousands of projects and with various site conditions (land, marsh, and river). Methodologies include wet/mud rotary, auger, and direct push with both field and laboratory extrusion. Our soil technicians have been trained by senior staff and laboratory personnel in the classification of soils; our lab personnel undergo extensive training in order to accurately classify soils and perform an array of soil mechanics laboratory tests.

Gulf South, Professional Technical Support Services (Pro-Tech), and Walker-Hill Environmental are licensed water well drillers through Louisiana's Department of Natural Resources (DNR). Gulf South and Fourrier & deAbreu Engineering have all required AASHTO certifications for their respective laboratories.

Because principal engineers from Gulf South and our team members will be engaged and proactive throughout the entire process, we will obtain accurate, practical, and specific data that is required which results in a more efficient design. The Gulf South team is fully capable of completing any requested geotechnical design; we have decades of experience in Louisiana and possess the geotechnical resources to complete any design that may be needed.

Gulf South and its team member engineers routinely work on projects that involve:

- Shallow foundations (soil bearing values)
- Settlement (including time rate)
- Embankments and earth retaining structures
- Slope stability
- Deep foundations (piles, slopes, LFRD methods, others)
- Ground improvement (surcharge, wick drains, etc.)
- Culverts
- Sheetpiles (bulkheads, temporary shoring, etc.)
- Geotechnical instrumentation (piezometers - manual & digital; inclinometers, settlement plates, extensometers)
- Scour analyses
- Construction monitoring (cross hole sonic logging, PDA testing, static load tests, review of pile driving logs)

18. Approach and Methodology: (continued; page 3 of 4)

LOCAL EXPERTISE, NATIONAL STANDARDS

Our operations are centered in Louisiana, and we are proud to maintain teams in Kenner, Gonzales, and Shreveport, giving us a strategic advantage in resource deployment and permitting. Our team members also have offices in Baton Rouge (*Fourrier & deAbreu Engineering*), Livingston Parish (*Walker-Hill Environmental, Inc.*), and various other locations throughout the State; we are able to access all portions of the State with ease.

Our professionals bring unmatched familiarity with the Louisiana's subsurface conditions and have worked extensively throughout the years with state and federal clients including LA DOTD, CPRA, USACE, and local governments. Our historic database of geotechnical data enables us to make informed decisions and anticipate challenges before they arise.

To maximize efficiency, we maintain our own fleet of drill and CPT rigs, in-house laboratories, and geotechnical instrumentation capabilities. Where appropriate, subcontractors are utilized strategically, including DBE and Hudson Initiative partners, to ensure seamless delivery without compromising timelines or quality.

Our professional engineers, as well as our registered EIs and graduate engineers, have extensive experience with all engineering services listed in the RFQ. The engineering analyses expected under this contract are performed in-house on a daily basis.

In addition to PDA testers, our team retains equipment to perform pile integrity tests (PIT), single-hole and crosshole sonic logging (SSL & CSL), and thermal integrity profile (TIP). These tests have been conducted by our team on driven piles, cast-in place concrete piles, and drilled shafts to evaluate these data in conjunction with installation records or other testing to assess foundations.

The Gulf South team also has extensive experience with geotechnical instrumentation: installation of vibrating wire devices (extensometers, piezometers, strain gauges and settlement gauges), settlement plates, conventional slope inclinometers or MEM sensor array inclinometers; monitoring services for all instrumentation devices with geotechnical interpretation, and installation of data loggers for on-site or remote monitoring.

The Gulf South team is exceptionally knowledgable in the soil conditions throughout Louisiana. We are successful in this field because we are consistent in the way we execute a project; upon award, we will assign a Project Manager and team who will remain with the project from the start of services to the completion which satisfies the contract and the Louisiana DOTD.

PROVEN QUALITY, SAFETY, AND COMMUNICATION

We implement rigorous QA/QC protocols aligned with LA DOTD standards and provide a project-specific QA/QC plan and checklist. Safety remains a top priority: our team members are trained and certified in traffic control and field safety protocols, and we enforce a zero-tolerance policy regarding workplace hazards and substance use.

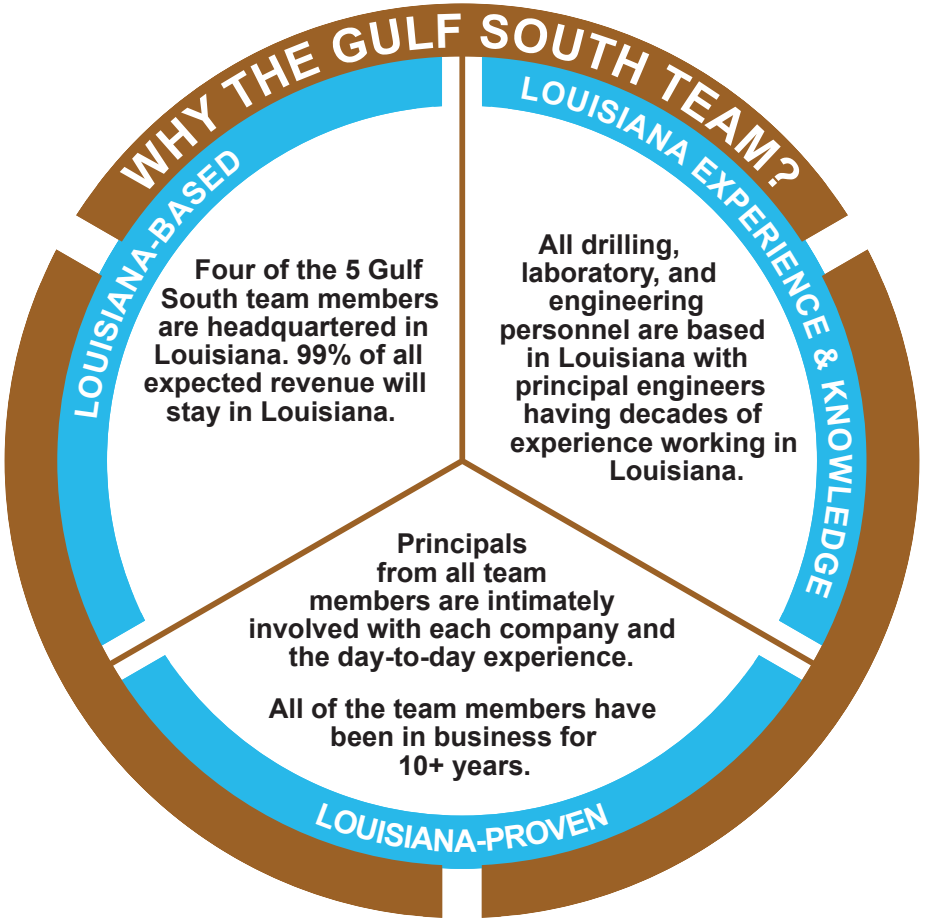
From project inception through completion, a designated Project Manager will ensure clear communication with LA DOTD stakeholders, supported by subject matter experts in geotechnical and construction services. Our collaborative process ensures proactive issue resolution and schedule adherence.

18. Approach and Methodology: (continued; page 4 of 4)

INNOVATIVE TOOLS AND METHODS

To supplement traditional field and lab efforts, we incorporate proprietary techniques where needed, and use the most up to date technology, software, and methodologies to ensure the highest performance and outcomes for our projects. Our ability to manage data collection, testing, analysis, and reporting under one roof streamlines project timelines and enhances deliverable quality.

Gulf South uses BoreDM software/programs to manage our boring & laboratory data and generate boring logs. The BoreDM data can be exported or manipulated into any format or file type. Team member Fourrier & deAbreu Engineering uses gINT Software for their data management. We are confident any boring or laboratory data collected by our team can be properly transmitted in formats acceptable to the Louisiana DOTD.



GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu
Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q19 WORKLOAD

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

19. Workload:

Firm(s) **ALL FIRMS** MUST BE REPRESENTED ON THIS TABLE	Past Performance Evaluation Discipline(s)*	Contact Number and State Project Number	Project name	Remaining unpaid balance**
Gulf South Engineering and Testing, Inc.	**N/A**	**None to Report**	**None to Report**	**N/A**
Fourrier & de Abreu Engineers, LLC	**CE&I/OV**	**4400025536 and H.014088.6**	**US 61: Intersection Improvements At LA 427, Ascension Parish**	**$22,651**
	CE&I/OV	**4400025536 and H.014993.6**	**Lemon Road Over Drainage Bayou, East Baton Rouge Parish**	**$2,500**
	Geotech	**010121 and H.003931**	**I-10 Calcasieu River Bridge**	**$13,490**
Walker-Hill Environmental, Inc.	**N/A**	**None to Report**	**None to Report**	**N/A**
Professional Technical Support Services, Inc.	**N/A**	**None to Report**	**None to Report**	**N/A**
GRL Engineers, Inc.	**N/A**	**None to Report**	**None to Report**	**N/A**
BFM Corporation, LLC	**N/A**	**None to Report**	**None to Report**	**N/A**

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu
Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q20 CERTIFICATIONS/ LICENSES

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

20. Certifications/Licenses:

GULF SOUTH ENGINEERING AND TESTING, INC. | CERTIFICATIONS & LICENSING

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
GULF SOUTH ENGINEERING AND TESTING, INC.	Business Corporation	KENNER	Active

Previous Names

Business: GULF SOUTH ENGINEERING AND TESTING, INC.
Charter Number: 40218461D
Registration Date: 6/30/2010

Domicile Address

15 VETERANS MEMORIAL BLVD.
KENNER, LA 70062

Mailing Address

C/O CHAD POCHE
15 VETERANS MEMORIAL BLVD.
KENNER, LA 70062

Principal Office Address

15 VETERANS MEMORIAL BLVD.
KENNER, LA 70062

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 6/30/2010
Last Report Filed: 5/31/2025
Type: Business Corporation

Registered Agent(s)

Agent: CHAD POCHE
Address 1: 15 VETERANS MEMORIAL BLVD.
City, State, Zip: KENNER, LA 70062
Appointment Date: 2/14/2011

MTC
MATERIALS TESTING CENTER

USACE CERTIFICATE OF LABORATORY VALIDATION

ERDC
ENGINEER RESEARCH & DEVELOPMENT CENTER

Gulf South Engineering and Testing

15 Veterans Memorial Blvd
Kenner, LA, United States
Trey Binder
(504) 305-4401

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF GENERATION:

06 MAY 2024 AT 14:40 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 05/03/2026

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON OUR PUBLIC WEBSITE: **https://mtc.erdc.dren.mil**

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

GULF SOUTH ENGINEERING AND TESTING, INC. | CERTIFICATIONS & LICENSING

AGGREGATE

Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 566 - Total Moisture Content
Aggregate - C 702 - Reducing Samples to Testing Size

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

SOILS

Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 698 - Compaction Characteristics by Standard Effort
Soils - D 1140 - Material Finer than 75 µm (No. 200) Sieve
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 2166 - Unconfined Compressive Strength
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method

AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Gulf South Engineering and Testing, Inc.

in

Kenner, 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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 11/04/2024 at 4:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Gulf South Engineering and Testing, Inc.

in Kenner, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/17/2020
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	11/01/2023
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	07/27/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/17/2020

This certificate was generated on 11/04/2024 at 4:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Gulf South Engineering and Testing, Inc.

in Kenner, Louisiana, USA

Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/29/2020
T88	Particle Size Analysis of Soils by Hydrometer	07/29/2020
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	07/29/2020
T90	Plastic Limit of Soils (Atterberg Limits)	07/29/2020
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/29/2020
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/29/2020
T265	Laboratory Determination of Moisture Content of Soils	07/29/2020
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/17/2020
D422	Particle Size Analysis of Soils by Hydrometer	07/29/2020
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/17/2020
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/17/2020
D1556	Density of Soil In-Place by the Sand Cone Method	07/17/2020
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/17/2020
D2166	Unconfined Compressive Strength of Cohesive Soil	07/17/2020
D2216	Laboratory Determination of Moisture Content of Soils	07/17/2020
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/17/2020
D2488	Description and Identification of Soils (Visual-Manual Procedure)	07/17/2020
D2974	Determination of Organic Content in Soils by Loss on Ignition	07/17/2020
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	07/17/2020
D4318	Plastic Limit of Soils (Atterberg Limits)	07/17/2020
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	07/17/2020
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/17/2020

This certificate was generated on 11/04/2024 at 4:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Gulf South Engineering and Testing, Inc.

in Kenner, Louisiana, USA

Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	03/06/2023
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/06/2023
T27 Sieve Analysis of Fine and Coarse Aggregates	03/06/2023
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/06/2023
T255 Total Moisture Content of Aggregate by Drying	03/06/2023
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/27/2020
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/27/2020
C136 Sieve Analysis of Fine and Coarse Aggregates	07/27/2020
C566 Total Moisture Content of Aggregate by Drying	07/27/2020
C702 Reducing Samples of Aggregate to Testing Size	07/27/2020

This certificate was generated on 11/04/2024 at 4:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Gulf South Engineering and Testing, Inc.

in Kenner, Louisiana, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/06/2023
R60	Sampling Freshly Mixed Concrete	03/06/2023
R100 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	03/06/2023
T22	Compressive Strength of Cylindrical Concrete Specimens	03/06/2023
T119	Slump of Hydraulic Cement Concrete	03/06/2023
T121	Density (Unit Weight), Yield, and Air Content of Concrete	03/06/2023
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	03/06/2023
T309	Temperature of Freshly Mixed Portland Cement Concrete	03/06/2023
C31 (Cylinders)	Making and Curing Concrete Cylinder Test Specimens in the Field	07/27/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	07/27/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/27/2020
C143	Slump of Hydraulic Cement Concrete	07/27/2020
C172	Sampling Freshly Mixed Concrete	07/27/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/27/2020
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/27/2020
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/27/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	07/27/2020

This certificate was generated on 11/04/2024 at 4:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

All Star Training, Inc.

7700 Northcross Dr #660141 Austin, TX 78757 | Phone 817-385-1136

Louisiana Ground Water Resources Program

APPROVED PROVIDER
Continuing Education

CERTIFICATE OF COMPLETION

This Certificate of Completion is awarded to:

Chad Poche

LOUISIANA Water Well License #WWC 840 in recognition of successful completion of the following course:

Course Title	Course Number	Course Hours	Score	Date Completed
6 HR LA Water Well CEU 2 (Includes 1 Hr Laws and Rules)		6	90	2025-08-05

Awaiting License from Louisiana DNR

Course Location: Online

I certify that the above named individual completed the above course as required by the **Louisiana Ground Water Resources Program** as indicated on this Certificate of Completion

Pamela Mason

Pamela Mason
Education Director

Educational programs of ALL STAR Training, Inc. are open to all people without regard to race, color, sex, disability, religion, age, or national origin.

AMERICAN CONCRETE INSTITUTE

This is to certify that

BRYSON BEARD

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 01/28/2023 **Expires: 01/27/2028**

Examiner of Record: Mr Mark A Cheek

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

GULF SOUTH ENGINEERING AND TESTING, INC. | CERTIFICATIONS & LICENSING

American Concrete Institute
Always advancing

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Topics In Concrete

Publications | Certification | Education | News and Events | Get In

Home > Certification > Verify A Certification

Verify A Certification

SEARCH RESULTS

Name: Binder

Your search returned 4 records.

Mr Joseph H Binder III
ACI Aggregate Base Testing Technician
Started: October 23, 2024
Expires: October 22, 2029
Metairie, LA 70002 United States

Mr Joseph H Binder III
ACI Aggregate Testing Technician - Level 1
Started: April 09, 2025
Expires: April 08, 2030
Metairie, LA 70002 United States

Mr Joseph H Binder III
ACI Concrete Laboratory Testing Technician - Level 1
Started: May 16, 2024
Expires: May 15, 2029
Metairie, LA 70002 United States

Mr Joseph H Binder III
ACI Concrete Strength Testing Technician
Started: May 16, 2024
Expires: May 15, 2029
Metairie, LA 70002 United States

Results Per Page 10

Report Print Date: 04/29/2025

ACI Certification Results Report

ACI Aggregate Testing Technician - Level 1

Testing Session Information:

Session: **252794** Exam Date: **04/09/2025** Exam Location: **St Rose, LA**
ACI Sponsoring Group: **Louisiana Chapter ACI**
Examiner of Record: **Mark A Cheek**

Examinee Information

Joseph H Binder Iii
4208 Richland Ave
Metairie, LA 70002

Certification ID
01279342

Status Information

Certification Status: ***CERTIFIED*** **ACI Aggregate Testing Technician - Level 1**
Certification Issue Date 04/09/2025 Thru 04/08/2030

ACI Comments:

Congratulations! You are now Certified. This is an accomplishment you can be very proud of and we will be happy to confirm this credential to anyone upon request. Enclosed is your wallet card and certificate attesting this accomplishment. In addition, a directory of all ACI Certified individuals can be found at www.ACICertification.org.

Overall Results

Overall Written Examination	**PASS**
Overall Performance Examination	**PASS**

ACI Certification Results Report

Report Print Date: 06/12/2024

ACI Concrete Strength Testing Technician

Testing Session Information:

Session: **243470** Exam Date: **05/16/2024** Exam Location: **New Orleans, LA**
ACI Sponsoring Group: **Louisiana Chapter ACI**
Examiner of Record: **Mark A Cheek, P.E., FACI**

Examinee Information

JOSEPH H BINDER III
4208 RICHLAND AVE
METAIRIE, LA 70002

Certification ID
01279342

Status Information

Certification Status: ***CERTIFIED*** **ACI Concrete Strength Testing Technician**
Certification Issue Date 05/16/2024 Thru 05/15/2029

ACI Comments:

Congratulations! You are now Certified. This is an accomplishment you can be very proud of and we will be happy to confirm this credential to anyone upon request. Enclosed is your wallet card and certificate attesting this accomplishment. In addition, a directory of all ACI Certified individuals can be found at www.ACICertification.org.

Overall Results

Overall Written Examination	**PASS**
Overall Performance Examination	**PASS**

Report Print Date: 06/12/2024

ACI Certification Results Report

ACI Concrete Laboratory Testing Technician-Level 1

Testing Session Information:

Session: **243768** Exam Date: **05/16/2024** Exam Location:
ACI Sponsoring Group: **ACI Certification Conversion**
Examiner of Record: **John W Nehasil**

Examinee Information

JOSEPH H BINDER III
4208 RICHLAND AVE
METAIRIE, LA 70002

Certification ID

01279342

Status Information

Certification Status: ***CERTIFIED*** **ACI Concrete Laboratory Testing Technician - Level 1**
Certification Issue Date 05/16/2024 Thru 05/15/2029

ACI Comments:

Congratulations! You are now Certified. This is an accomplishment you can be very proud of and we will be happy to confirm this credential to anyone upon request. Enclosed is your wallet card and certificate attesting this accomplishment. In addition, a directory of all ACI Certified individuals can be found at www.ACICertification.org.

Overall Results

Confirmation of requisites Strength and Aggregate Level 1 PASS

AMERICAN CONCRETE INSTITUTE

This is to certify that

IAN K POCHE

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Aggregate Base Testing Technician

Certified Date: 02/29/2024 **Expires: 02/27/2029**

Examiner of Record: Mark A Cheek, P.E., FACI

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

AMERICAN CONCRETE INSTITUTE

This is to certify that

IAN POCHE

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 03/25/2023 **Expires: 03/24/2028**

Examiner of Record: Mr Mark A Cheek

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

APNGA Portable Nuclear Gauge Safety & U.S. D.O.T. Hazmat Certification Class

Certificate of Completion to:

Ian Poche

HAZMAT refresher training is required within 3 years after today's date:

April 4, 2025

This course covers training criteria of NUREG 1556, The Agreement States, and 49 CFR 172, Subpart H.

The Company RSO completes the training requirements by familiarizing the employee with:

- State-specific regulations including introduction to the state regulatory website
- The company radiation safety program, specifically gauge safety operating and emergency procedures
- A tour of the storage area(s) with emphasis on security, documents and postings
- Loading, security and transporting gauges in company vehicles
- Hands-on training with the gauge and methods in use by the company
- Introduction to gauge safety content on gauge manufacturer website
- This Certificate covers both Gauge Safety and USDOT HAZMAT requirements

The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

Ian Paille Auclair
Signature of RSO

69500-174-379-4564
Certificate Serial Number

Director of APNGA
George E. Marshall - Director
240-888-6426
American Portable Nuclear Gauge Association
P.O. Box 475, Pearce, AZ 85625

Gulf South Engineering & Testing
Company Name

A Certificate Verification Tool is Available on www.APNGA.com

AMERICAN CONCRETE INSTITUTE

This is to certify that

TYLER W PREGEANT

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 01/28/2023 **Expires: 01/27/2028**

Examiner of Record: Mr Mark A Cheek

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

AMERICAN CONCRETE INSTITUTE

This is to certify that

TYLER W PREGEANT

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Aggregate Testing Technician - Level 1

Certified Date: 02/29/2024 **Expires: 02/27/2029**

Examiner of Record: Mark A Cheek, P.E., FACI

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

APNGA Portable Nuclear Gauge Safety & U.S. D.O.T. Hazmat Certification Class

Certificate of Completion to:

Tyler Pregeant

HAZMAT refresher training is required within 3 years after today's date:

June 13, 2024

This course covers training criteria of NUREG 1556, The Agreement States, and 49 CFR 172, Subpart H.

The Company RSO completes the training requirements by familiarizing the employee with:

- State-specific regulations including introduction to the state regulatory website
- The company radiation safety program, specifically gauge safety operating and emergency procedures
- A tour of the storage area(s) with emphasis on security, documents and postings
- Loading, security and transporting gauges in company vehicles
- Hands-on training with the gauge and methods in use by the company
- Introduction to gauge safety content on gauge manufacturer website
- This Certificate covers both Gauge Safety and USDOT HAZMAT requirements

The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

Isaac Paille
Signature of RSO

63138-171-828-8771
Certificate Serial Number

Director of APNGA
George E. Marshall - Director
240-888-6426
American Portable Nuclear Gauge Association
P.O. Box 475, Pearce, AZ 85625

Gulf South Engineering + Testing
Company Name

A Certificate Verification Tool is Available on www.APNGA.com

Louisiana 811
LOUISIANA811.COM

EXCAVATOR TRAINING AND EDUCATION CERTIFICATE OF COMPLETION

Tyler Pregeant

Has completed all the requirements

Louisiana 811 Excavator Training and Education

Issued: 2025-08-11

2025-12-31

pkhwwwcezt

AMERICAN CONCRETE INSTITUTE

This is to certify that

JOHN G DUNCAN JR

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 06/14/2025 **Expires: 06/13/2030**

Examiner of Record: Mark A Cheek

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

FOURRIER & DE ABREU ENGINEERS, LLC (DBE FIRM) | CERTIFICATIONS & LICENSING

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

Jeff Landry, Governor
Joe Donahue, Secretary

May 9, 2025

Fourrier & de Abreu Engineers, LLC
Attn: Ricardo C. de Abreu
10995 Coursey Blvd.
Baton Rouge, LA 70816

Dear Ricardo C. de Arbeu,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise **(DBE)** and Small Business Element **(SBE)** Declaration of Eligibility. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for **only** the following **specific** work categories **that fall under the listed NAICS codes**:

NC541330- Engineering Services
C01- Geotechnical Engineering
C09- Civil Engineering
C22- Environmental Engineering
NC541370- Surveying and Mapping (except Geophysical) Services
740- Construction Layout

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of $50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of $10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit a **Declaration of Eligibility** with Gross receipts **(i.e. all income-related portions of signed federal tax returns, audited financial statements or a CPA's signed attestation of correctness and completeness)** stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **April 30, 2026**. However, should you not receive notification from this office for your Declaration of Eligibility; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Feel free to contact SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Paula Roddy
Compliance Programs Director

Enclosure (Certificate)

FOURRIER & DE ABREU ENGINEERS, LLC (DBE FIRM) | CERTIFICATIONS & LICENSING

RTA

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations & under the State of Louisiana United Certification Program (LAUCP)

Fourrier & de Abreu Engineers, LLC

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541330, NC541370

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: April 2025 to April 2026

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Paula Roddy, Compliance Programs Director

Louisiana Department of Transportation & Development

FOURRIER & DE ABREU ENGINEERS, LLC (DBE FIRM) | CERTIFICATIONS & LICENSING

AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Fourrier & de Abreu Engineers, L.L.C.

in

Baton Rouge, 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).

Jim Tymon,
AASHTO Executive Director

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 10/29/2021 at 9:57 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

AASHTO ACCREDITED

SCOPE OF AASHTO ACCREDITATION FOR:

Fourrier & de Abreu Engineers, L.L.C.

in Baton Rouge, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/20/2019
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	10/29/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/06/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/29/2021

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AASHTO ACCREDITED

SCOPE OF AASHTO ACCREDITATION FOR:

Fourrier & de Abreu Engineers, L.L.C.

in Baton Rouge, Louisiana, USA

Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/20/2019
D422 Particle Size Analysis of Soils by Hydrometer	05/20/2019
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/20/2019
D854 Specific Gravity of Soils	05/20/2019
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/20/2019
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/20/2019
D2166 Unconfined Compressive Strength of Cohesive Soil	05/20/2019
D2216 Laboratory Determination of Moisture Content of Soils	05/20/2019
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	05/20/2019
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/20/2019
D2488 Description and Identification of Soils (Visual-Manual Procedure)	05/20/2019
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	05/20/2019
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	05/20/2019
D4318 Plastic Limit of Soils (Atterberg Limits)	05/20/2019
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	05/20/2019
D4972 pH Testing of Soils	05/20/2019
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	05/20/2019
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/20/2019
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/20/2019
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	05/20/2019

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AASHTO ACCREDITED

SCOPE OF AASHTO ACCREDITATION FOR:

Fourrier & de Abreu Engineers, L.L.C.

in Baton Rouge, Louisiana, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2021
R60	Sampling Freshly Mixed Concrete	10/29/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	10/29/2021
T23 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/29/2021
T119	Slump of Hydraulic Cement Concrete	10/29/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	10/29/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	10/29/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	10/29/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	10/29/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	10/29/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/29/2021
C143	Slump of Hydraulic Cement Concrete	10/29/2021
C172	Sampling Freshly Mixed Concrete	10/29/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/29/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/29/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/29/2021

This certificate was generated on 10/29/2021 at 9:57 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

AASHTO ACCREDITED

SCOPE OF AASHTO ACCREDITATION FOR:

Fourrier & de Abreu Engineers, L.L.C.

in Baton Rouge, Louisiana, USA

Concrete

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T309	Temperature of Freshly Mixed Portland Cement Concrete	10/29/2021
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C143	Slump of Hydraulic Cement Concrete	10/29/2021
C172	Sampling Freshly Mixed Concrete	10/29/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/29/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/29/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/29/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/29/2021

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FOURRIER & DE ABREU ENGINEERS, LLC (DBE FIRM) | CERTIFICATIONS & LICENSING

MTC
MATERIALS TESTING CENTER

USACE CERTIFICATE OF LABORATORY VALIDATION

ERDC
ENGINEER RESEARCH & DEVELOPMENT CENTER

Fourrier & de Abreu Engineers, LLC

10995 Coursey Blvd.
Baton Rouge, LA,
Ricardo de Abreu
(225) 677-7950

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF GENERATION:

06 FEB 2025 AT 09:36 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 02/05/2027

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON OUR PUBLIC WEBSITE: https://mtc.erdc.dren.mil

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

SOILS

Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 698 - Compaction Characteristics by Standard Effort
Soils - D 854 - Specific Gravity of Soils
Soils - D 1140 - Material Finer than 75 □m (No. 200) Sieve
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 2166 - Unconfined Compressive Strength
Soils - D 2216 - Water Content
Soils - D 2435 - One-Dimensional Consolidation Properties
Soils - D 2487 - Classification of Soils
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Soils - D 2850 - Unconsolidated, Undrained Strength in Triaxial Compression
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Soils - D 3740 - Soil and Rock Testing Standards (Quality Standard)
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 4767 - Consolidated-Undrained Triaxial Compression
Soils - D 4972 - pH of Soils
Soils - D 5084 - Hydraulic Conductivity using a Flexible Wall Permeameter
Soils - D 6913 - Particle-Size Distribution of Soils Using Sieve Analysis
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method
Soils - D 7928 - Fine Grain Distribution with Hydrometer

FOURRIER & DE ABREU ENGINEERS, LLC (DBE FIRM) | CERTIFICATIONS & LICENSING

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2025

Fourrier & de Abreu Engineers LLC
AI Number: 217760
Activity No. ACC20240001
Expiration Date: June 30, 2026

10995 Coursey Blvd, Baton Rouge, Louisiana 70816

Certificate Number: 05095

Air Emissions

Analyte	Method Name	Method Code	Type	AB

Non Potable Water

Analyte	Method Name	Method Code	Type	AB

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1730 - Amount Of Soil Finer Than The No. 200 Sieve	ASTM D1140	3550	AASHTO	AAP
2084 - Moisture-Density of Soils (Modified Effort)	ASTM D1557	3551	AASHTO	AAP
1732 - Unconfined Compressive Strength Of Soil	ASTM D2166	3552	AASHTO	AAP
2089 - Moisture Content of Soils	ASTM D2216-10	30025106	AASHTO	AAP
2086 - One-Dimensional Consolidation Properties of Soils	ASTM D2435	3994	AASHTO	AAP
1734 - Classification Of Soils For Engineering Purposes (Unified Soil Classification System	ASTM D2487	3554	AASHTO	AAP
1735 - Soil Classification Visual - Manual (Field)	ASTM D2488	3555	AASHTO	AAP
1736 - Unconsolidated, Undrained Triaxial Compression	ASTM D2850	3556	AASHTO	AAP
2073 - Dry Preparation of Samples	ASTM D421	3972	AASHTO	AAP
1738 - Particle Size Analysis Of Soils	ASTM D422 63 (7)	30030854	AASHTO	AAP
1739 - Atterberg Limits of Soils	ASTM D4318	3559	AASHTO	AAP
2366 - Shear Strength	ASTM D4767	4261	AASHTO	AAP
1900 - pH	ASTM D4972	3560	AASHTO	AAP
1744 - Hydraulic Conductivity (Flexible Wall Permeameter)	ASTM D5084	3563	AASHTO	AAP
2464 - Particle Size Distribution	ASTM D6913	4324	AASHTO	AAP
2082 - Moisture-Density of Soils (Standard Effort)	ASTM D698	3561	AASHTO	AAP
1743 - Specific Gravity Of Soils	ASTM D854	3562	AASHTO	AAP

Biological Tissue

Analyte	Method Name	Method Code	Type	AB

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Page 1 of 1

Office of Conservation
Department of Energy and Natural Resources
STATE OF LOUISIANA

WATER WELL CONTRACTOR'S LICENSE

The Office of Conservation
for the Department of Energy and Natural Resources
State of Louisiana

hereby certifies that

WALKER-HILL ENVIRONMENTAL, INC.

CALEB HILL

has been licensed to drill environmental wells and water wells under the provisions of R.S. 38:3098 and is entitled to practice in the state of Louisiana as a Water Well Contractor.

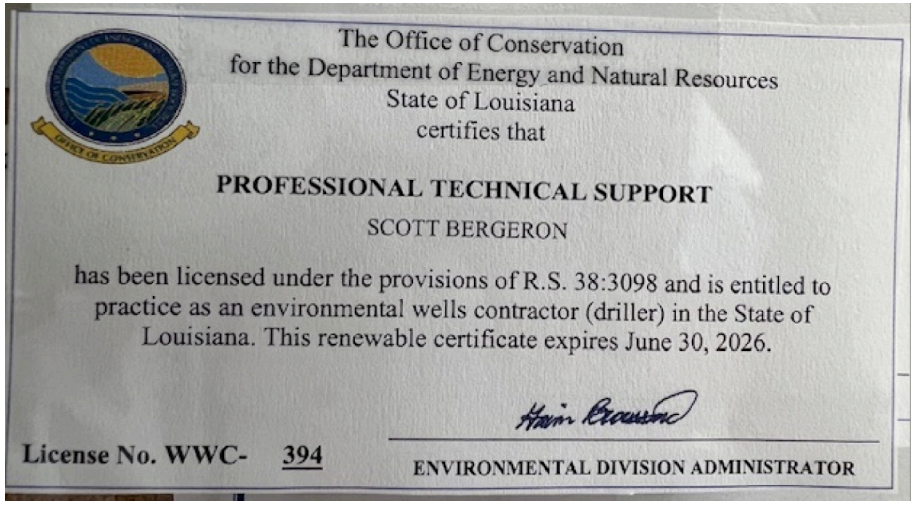
This License is non-transferable and expires ***June 30, 2026*** unless renewed, revoked or suspended by the licensing authority as prescribed by statue.

Signed and sealed this ***24th*** day of ***June*** , ***2025***

GAVIN D. BROUSSARD
ENVIRONMENTAL DIVISION ADMINISTRATOR
Office of Conservation
Louisiana Department of Energy and Natural Resources

License No. WWC- ***# 574***

PROFESSIONAL TECHNICAL SUPPORT SERVICES, INC. | CERTIFICATIONS & LICENSING



The Office of Conservation
for the Department of Energy and Natural Resources
State of Louisiana
certifies that

PROFESSIONAL TECHNICAL SUPPORT

SCOTT BERGERON

has been licensed under the provisions of R.S. 38:3098 and is entitled to practice as an environmental wells contractor (driller) in the State of Louisiana. This renewable certificate expires June 30, 2026.

License No. WWC- 394

ENVIRONMENTAL DIVISION ADMINISTRATOR

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q21 QA/QC PLAN (NOT REQUIRED)

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

21. QA/QC Plan and/or Work Plan:

As per the instruction set in the DOTD's RFQ for this contract, this section remains unoccupied.

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu
Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q22 SUB-CONSULTANT INFORMATION

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

22. Sub-consultant information:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
Fourrier & de Abreu Engineers, L.L.C. (DBE Firm)	**10995 Coursey Blvd. Baton Rouge LA 70816**	**Jamie O. Farmer, P.E. jamie@fdaengineers.com**	**225-677-7950**
Walker-Hill Environmental, Inc.	**705 Rapides Street Baton Rouge LA 70806**	**Rusty J. Rizzo rusty@whenv.com**	**225-667-3297**
Professional Technical Support Services, Inc.	**4211 Rhoda Drive Baton Rouge LA 70816**	**Scott M. Bergeron, P.E., P.G. smbergeron@envirodepot.com**	**225-293-0136**
GRL Engineers, Inc.	**1420A Stonehollow Drive Houston TX 77339**	**Brandon Phetteplace, P.E. BPhetteplace@grlengineers.com**	**281-706-8202**
BFM Corporation, LLC	**15 Veterans Memorial Blvd. Kenner LA 70062**	**Gary J. Lambert, Jr., PLS gary.lambert@bfmcorporation.com**	**504-468-8800**

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu
Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

DOTD24-102 FORM Q23 LOCATION (NOT REQUIRED)

IDIQ CONTRACT FOR **GEOTECHNICAL SERVICES**

AUGUST **2025**

23. Location:

As per the instruction set in the DOTD's RFQ for this contract, this section remains unoccupied.

GULF SOUTH
ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

In association with

Fourrier & de Abreu Engineers, L.L.C.
Environmental and Civil Engineering

Walker-Hill Environmental, Inc.
Professional Technical Support Services, Inc.
GRL Engineers, Inc.
BFM Corporation, LLC

504-305-4401

info@gulfsoutheng.com

15 Veterans Memorial Boulevard
Kenner LA 70062

3121 S. Darla Avenue
Gonzales LA 70737

440 E. Washington Street
Shreveport LA 71104

1437 Old Square Road Unit F
Jackson MS 39236