GeoEngineers

Statement of Qualifications

DOTD Form 24-102
Louisiana Department of Transportation and Development
Contract Nos. 4400032793, 4400032794, 4400032795,
4400032796, 4400032797, and 4400032798

IDIQ Contracts For Geotechnical Services Statewide

August 14, 2025

11923 Sun Belt Court
Baton Rouge, Louisiana 70809
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We're down to earth.

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 Advertised: 7.22.2025
2. Contract Number(s) as shown in the advertisement	Contract Nos. 4400032793, 4400032794, 4400032795, 4400032796, 4400032797, and 4400032798
3. State Project Number(s), if shown in the advertisement	
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)**	GeoEngineers, Inc. GEOENGINEERS
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003700
6. Prime consultant mailing address	11923 Sun Belt Court Baton Rouge, Louisiana 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	11923 Sun Belt Court Baton Rouge, Louisiana 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Brenda Novoa, PE, Senior Geotechnical Engineer | 225.663.1520 (Office); 225.505.4934 (Cell) | bnovoa@geoengineers.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Larry Sant, PE, Associate | 225.663.1522 (Office); 509.570.6081 (Cell) | LSant@geoengineers.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:

_____08/14/2025_____

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):	Firm(s)' %:
	Adaptive Management and Engineering	10%

12. <u>Discipline Table:</u>
As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	Prime **GeoEngineers**	Firm B **Adaptive Management & Engineering, LLC**	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Geotech	100%	90%	10%				**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%**	90%	10%				100%

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.
The DOTD Job Classification(s) to be used can be found at the following link:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	**Number of personnel committed to this contract**	Total number of personnel available in this DOTD Job Classification (if needed)
GeoEngineers, Inc.	Administrative	1	4
GeoEngineers, Inc.	CADD Technician	1	1
GeoEngineers, Inc.	Driller	2	3
GeoEngineers, Inc.	Engineer	3	9
GeoEngineers, Inc.	Engineer Intern	1	3
GeoEngineers, Inc.	Engineer- Other	3	4
GeoEngineers, Inc.	Principal	2	6
GeoEngineers, Inc.	Senior Technician	1	1
GeoEngineers, Inc.	Technician	1	11
Adaptive Management and Engineering, LLC	Principal	1	1
Adaptive Management and Engineering, LLC	Engineer	2	2
Adaptive Management and Engineering, LLC	Senior Technician	2	2
Adaptive Management and Engineering, LLC	Driller	1	1
Adaptive Management and Engineering, LLC	Technician	3	3
Adaptive Management and Engineering, LLC	Inspector	1	1
Adaptive Management and Engineering, LLC	Administrative	1	1

14. <u>Organizational Chart</u>:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.

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. Do not insert wording from ad	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	Larry D. Sant, PE Associate Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 35625	LA	9.30.2026
	James M. Aronstein Jr., PE, Senior Geotechnical Advisor	GeoEngineers, Inc.	Professional Engineer/ 11794	LA	3.31.2027
2	Larry D. Sant, PE Associate Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 35625	LA	9.30.2026
	James M. Aronstein Jr., PE, Senior Geotechnical Advisor	GeoEngineers, Inc.	Professional Engineer/ 11794	LA	3.31.2027
	Brenda Novoa, PE, MSCE, Senior Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 33665	LA	3.31.2026
3	Larry D. Sant, PE Associate Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 35625	LA	9.30.2026
	James M. Aronstein Jr., PE, Senior Geotechnical Advisor	GeoEngineers, Inc.	Professional Engineer/ 11794	LA	3.31.2027
	Brenda Novoa, PE, MSCE, Senior Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 33665	LA	3.31.2026

4	Jennifer Aguettant, PE, Associate Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 35077	LA	3.31.2026
5	Larry D. Sant, PE Associate Geotechnical Engineer James M. Aronstein Jr., PE, Senior Geotechnical Advisor	GeoEngineers, Inc. GeoEngineers, Inc.	Professional Engineer/ 35625 Professional Engineer/ 11794	LA LA	9.30.2026 3.31.2027
6	David S. Eley, PE, Principal Geotechnical Engineer	GeoEngineers, Inc.	Professional Engineer/ 26373	LA	9.30.2025
7	Kyle Kilfian, WWC, Drilling Manager Jamie McLeod, Driller	GeoEngineers, Inc. GeoEngineers, Inc.	Water Well Contractor/ 724	LA	6.30.2026

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés are **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by GeoEngineers, Inc.					
Name	Larry D. Sant, PE		Years of relevant experience with this employer	24	
Title	Associate Geotechnical Engineer		Years of relevant experience with other employer(s)	2	
Degree(s) / Years / Specialization			M.S. | 2001 | Civil Engineering B.S. | 2001 | Civil Engineering		
Active registration number / state / expiration date			Professional Engineer: Civil #35625 | LA/ 9/30/2026		
Year registered	2010	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Contract Principal		
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).				
	Larry is a professional geotechnical engineer with more than 25 years of experience managing geotechnical engineering projects and has been GeoEngineers' project manager for most of their transportation projects in the last two decades working with agencies like the City-Parish, LA DOTD, and many other local entities. He has managed the geotechnical design tasks for 12 design-build/P3 projects either as Lead Geotechnical Engineer of Record or as the owner's representative. His experience includes project planning and technical direction during exploration, laboratory testing, engineering design analyses, report preparation and construction monitoring. Larry has been involved in hundreds of projects including roadways ranging from highways to private access drives, airports, bridges, dams, university and K-12 schools, wastewater treatment plants, drainage facilities, utility projects, and other structures ranging from private residences to large public and private facilities.				
04/24 - Ongoing	**LA DOTD, P3 I-10 Calcasieu River Bridge Geotechnical Engineering Services; Lake Charles, LA:** Larry is the lead geotechnical engineer for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes several hundred borings including deep borings in the Calcasieu River, geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.				
10/21 – 06/22	**LA DOTD, Jimmy Davis Bridge Prelim Explorations; Caddo and Bossier Parishes, LA:** GeoEngineers completed the fast-tracked preliminary geotechnical exploration and testing including deep borings in the Red River for this high-profile design-build project that is in preparation for the replacement of the Jimmie Davis Bridge over the Red River, along LA 511 in Bossier City, Louisiana.				
1/19 – 11/24	**LA DOTD, I-10/Loyola Interchange Design Build, Kenner, LA:** GeoEngineers completed the geotechnical exploration, testing, engineering, modeling driving in the wave equation analyses (WEAP) and conducting PDA (Pile Driving Analyzer)/CAPWAP (Case Pile Wave Analysis Program) testing monitoring/evaluations for this high-profile project in				

	Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Larry served as the Lead Geotechnical Engineer.
05/18 – 04/19	**LA DOTD, I-20/I-220 (Barksdale AFB) Design Build, OV/QA, Bossier Parish, LA:** Larry is the project manager for GeoEngineers' OV/QA role in this design-build project which involved interchange improvements (piles, shafts, embankments and PDA / CAPWAP) that will increase access to the Barksdale Air Force Base in Bossier Parish.
08/17 – 11/20	**LA DOTD, I-10 Widening (Highland to LA-73) Design Build, OV/QA, Baton Rouge, LA:** Larry was the project manager for GeoEngineers' OV/QA role in this highly-anticipated I-10 project that involved PDA / CAPWAP monitoring /evaluations for widening a 6.5-mile segment of I-10 from four lanes to six lanes between Highland Road and LA-73.
04/15 – 11/17	**LA DOTD, US-90/LA-318 Interchange Design Build, St. Mary Parish, LA:** Larry was the project manager during this design-build project in support of the proposed Interchange on US90 at LA318. He lead the geotechnical design including drilling, log review, test assignments, pile design, settlement analysis, embankment monitoring, and embankment design. We also conducted extensive settlement modeling to demonstrate that the aggressive schedule for this project can be met along with modeling driving in the wave equation analyses (WEAP). During construction we conducted PDA (Pile Driving Analyzer)/CAPWAP (Case Pile Wave Analysis Program) testing to keep the schedule progressing.
02/13 – 04/13	**LA DOTD, I-49/US90 Widening over LA182 and BNSF Railroad, Lafayette, LA:** A Louisiana DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where Larry was the project manager in conducting bridge and roadway borings, and laboratory tests in support of design of this design build widening project located just south of Lafayette. GeoEngineers completed 119 borings for the project on a fast-track schedule utilizing multiple drill rigs to meet the deadline.
08/12 – 07/15	**LA DOTD, I-210 at Cove Lane Interchange, Lake Charles, LA:** Larry was the project manager during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. GeoEngineers coordinated a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control and completed engineering analyses and provided recommendations for design and construction of about 8,000 driven pile foundations including modeling driving in the wave equation analyses (WEAP), MSE walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges. In addition, the GeoEngineers' team monitored MSE wall construction, provided PDA/CAPWAP evaluation of the piles during installation, and installed liquid settlement sensors to monitor embankment settlement.
01/10 – 12/12	**LA DOTD, I-12 Widening (Amite River to Juban Road) Design Build, Denham Springs, LA:** Larry was project manager during this design build project. GeoEngineers completed engineering analyses and provided recommendations for design and construction of driven pile foundations for four bridge structures in accordance with AASHTO LRFD specifications for highway bridges, which included PDA/CAPWAP monitoring/evaluations.
09/09 – 07/11	**LA DOTD, US90 at LA85 Interchange Design Build, Iberia Parish, LA:** Larry was the project manager during a design-build project in support of the proposed Interchange on US90 at LA85. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of driven pile foundations in accordance with AASHTO LRFD specifications for highway bridges and PDA/CAPWAP monitoring/evaluations. In addition, the GeoEngineers' team analyzed embankment settlement and provided design recommendations for wick drains and surcharge loading to reduce post construction settlement and prevent downdrag loads on the proposed adjacent bridge foundations.

Firm employed by GeoEngineers, Inc.				
Name	Brenda Novoa, PE, MSCE		Years of relevant experience with this employer	2.3
Title	Senior Geotechnical Engineer		Years of relevant experience with other employer(s)	22.7
Degree(s) / Years / Specialization			M.S. | 2003 | Civil Engineering B.S. | 1999 | Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: Civil #33665 | LA/ 3/30/2026	
Year registered	2003	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Senior Project Manager	

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).
	Brenda is a geotechnical engineer with 25 years of experience in geotechnical field work and engineering in Louisiana and Puerto Rico. Her daily responsibilities include the management of projects from the proposal stage to the report distribution. Brenda is directly involved with the field exploration crews, constantly in direct contact with clients to gather project data and solve any challenging issues that arise in their projects, conducts onsite soil observations and analyzes field and lab data to develop engineering recommendations for commercial, industrial, municipal, state, and federal projects. Her geotechnical experience includes data evaluation and engineering analysis including slope stability analysis, shallow and deep foundation recommendations per LRFD design requirements for LA DOTD projects, and settlement analysis, among others.
04/24 - Ongoing	**LA DOTD, P3 I-10 Calcasieu River Bridge Geotechnical Engineering Services; Lake Charles, LA:** Brenda is the senior project engineer for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume. Brenda is helping with the coordination of the field and laboratory testing activities and with the evaluation of the data obtained for the geotechnical designs.
11/24 – 06/25	**LA DOTD, Bonne Idee Rd Bridge Geotechnical Explorations & Lab; Bonita, LA:** Brenda was the project engineer for this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.
11/24 – 05/25	**LA DOTD, Spring Bayou Road over Spring Bayou; Goudeau, LA**: Brenda was the project engineer for this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.
06/20 – 04/22	**MOVEBR, Hennessy Boulevard to Perkins Road Connector; Baton Rouge, LA:** Brenda worked as the project manager for this project. The project consisted of design and construction of a new 2,600 feet long connector roadway and railroad underpass bridge. The project included depressing the new roadway under the existing KCS railroad track to provide grade separation from the railroad. The project will also include a new drainage pump station. Retaining structures, sheet piles or otherwise, will be required for temporary support of one track of the R/R while the other is constructed to maintain operations of the R/R. The

	proposed new connector roadway was designed to be constructed to connect Hennessy Boulevard and Perkins Road in Baton Rouge, Louisiana. The scope of work consisted of performing soil borings along the proposed roadway and the required laboratory testing to evaluate the existing subsurface soils conditions to provide recommendations for: an effective pavement section, deep foundations to support the railroad bridge and proposed retaining walls, and retaining wall design parameters.
02/20 – 04/22	**MOVEBR, Jones Creek Road Extension: Jefferson Highway to Airline Highway; Baton Rouge, LA:** Brenda was the project manager for this project. The project consisted of design and construction of a new, approximately 0.70-mile long, four-lane roadway extension to connect Jefferson Highway to Airline Highway, near Jones Creek Boulevard in Baton Rouge, Louisiana. The scope of work consisted of performing soil borings along the proposed roadway and the required laboratory testing to evaluate the existing subsurface soils conditions to provide recommendations for an effective pavement section.
01/17 – 09/19	**LA DOTD, Bayou Terrebonne; Terrebonne Parish, LA:** Brenda was the project engineer for the geotechnical exploration phase of this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.
01/17 – 09/19	**LA DOTD, US-80 Overpass at KCS RR; Lincoln Parish, LA:** Brenda was the project engineer for the geotechnical exploration phase of this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.
01/17 – 09/19	**LA DOTD, Nelson Road Extension and Bridges; Calcasieu Parish, LA:** Brenda was the project engineer for this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format and providing pile foundations recommendations for the proposed bridges.
01/17 – 09/19	**LA DOTD, Bayou Chevreuil Bridge Widening; St. James Parish, LA:** Brenda was the project engineer for the geotechnical exploration phase of this project. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.
01/10 – 12/11	**LA DOTD, Bridge Scour Projects; Statewide, Louisiana -** Brenda worked as a project engineer for the Bridge Scour project for over 100 bridge locations across the state of Louisiana. The project consisted of the determination of soil parameters and calculation of pile capacities of existing bridge foundations.

Firm employed by GeoEngineers, Inc.				
Name	James "Jim" Aronstein, Jr., PE		Years of relevant experience with this employer	55
Title	Senior Geotechnical Advisor		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			B.S./ 1965/ Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: Civil # 11794 | LA | 03/31/2027 Professional Land Surveyor: #458 | LA | 3/31/2027	
Year registered	PE: 1969 PLS: 1970	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Quality Assurance	

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).
	Jim has provided geotechnical services on private, industrial, and public facilities since 1969, with extensive, significant expertise in the transportation industry. He has been the engineer of record for the majority of GeoEngineers' Louisiana road and bridge projects over the past 30 years, including LADOTD statewide retainer contracts for geotechnical investigations and project-specific programs. His projects include the I-210 at Cove Lane Interchange; I-49/US90 Widening over LA182 and BNSF Railroad Design-Build; 37-mile extension of I-49 North through Louisiana, I-220 to the Arkansas state line; Rigolets Pass Bridge project on US 90; numerous off-system bridge sites for LADOTD through local consultants; and work on the East Baton Rouge Parish Green Light roads and streets improvements plan. Jim's role has involved managing and executing engineering analyses and reports, field exploration, site access, drilling technology evaluation, exploration conduct, laboratory test assignments, and quality control of the generated work product.
10/21 – 06/22	**LA DOTD, Jimmie Davis Bridge Prelim Explorations; Caddo and Bossier Parishes, LA:** GeoEngineers completed the fast-tracked preliminary geotechnical exploration and testing for this high-profile design-build project that is in preparation for the replacement of the Jimmie Davis Bridge over the Red River, along LA 511 in Bossier City, Louisiana.
01/19 – 11/24	**LA DOTD, I-10/Loyola Interchange Design Build; Kenner, LA:** GeoEngineers completed the geotechnical exploration, testing, engineering and modeling driving in the wave equation analyses (WEAP) and conducting PDA (Pile Driving Analyzer)/CAPWAP (Case Pile Wave Analysis Program) testing monitoring/evaluations for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Jim is serving as Principal-in-Charge.
05/18 – 04/19	**LA DOTD, I-20/I-220 (Barksdale AFB) Design Build, OV/QA; Bossier Parish, LA:** Jim is the Principal-in-Charge for GeoEngineers' OV/QA role in this design-build project which involves interchange improvements (piles, shafts, embankments and PDA / CAPWAP) that will increase access to the Barksdale Air Force Base in Bossier Parish.
08/17 – 11/20	**LA DOTD, I-10 Widening (Highland to LA-73) Design Build, OV/QA; Baton Rouge, LA:** Jim is the Principal-in-Charge for GeoEngineers' OV/QA role in this highly-anticipated I-10 project that involved PDA / CAPWAP monitoring /evaluations for widening a 6.5-mile segment of I-10 from four lanes to six lanes between Highland Road and LA-73.
04/15 – 11/17	**LA DOTD, US-90/LA-318 Interchange Design Build; St. Mary Parish, LA:** Jim was the principal-in-charge during this design-build project in support of the proposed Interchange on US90 at LA318. GeoEngineers performed the geotechnical design including drilling, log review, test assignments, pile design, settlement analysis, embankment monitoring, and embankment design. We also conducted extensive settlement modeling to demonstrate that the aggressive schedule for this

	project can be met along with modeling driving in the wave equation analyses (WEAP). During construction we conducted PDA/CAPWAP testing to keep the schedule progressing.
02/13 – 04/13	**LA DOTD, I-49/US90 Widening over LA182 and BNSF Railroad; Lafayette, LA:** A Louisiana DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where Jim was the principal-in-charge in conducting **bridge and roadway borings**, and laboratory tests in support of design of this bridge and roadway widening project located just south of Lafayette. GeoEngineers completed **119 borings** for the project on a **fast-track schedule** utilizing multiple drill rigs to meet the deadline.
08/12 – 04/15	**LA DOTD, I-210 at Cove Lane Interchange; Lake Charles, LA:** Jim was the principal-incharge during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. GeoEngineers coordinated a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control and completed. engineering analyses and provided recommendations for design and construction of about 8,000 driven pile foundations, MSE walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges. In addition, the GeoEngineers' team monitored MSE wall construction, provided PDA/CAPWAP evaluation of the piles during installation, and installed liquid settlement sensors to monitor embankment settlement.
01/10 – 12/12	**LA DOTD, I-12 Widening (Amite River to Juban Road) Design Build; Denham Springs, LA:** Jim was the principal-in-charge during this design build project. GeoEngineers completed engineering analyses and provided recommendations for design and construction of driven pile foundations for four bridge structures in accordance with AASHTO LRFD specifications for highway bridges, which included PDA/CAPWAP monitoring**.**
09/09 – 07/11	**LA DOTD, US90 at LA85 Interchange Design Build; Iberia Parish, LA:** Jim was the principal-in-charge during this design-build project in support of the proposed Interchange on US90 at LA85. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of driven pile foundations in accordance with AASHTO LRFD specifications for highway bridges and PDA/CAPWAP monitoring. In addition, the GeoEngineers' team analyzed embankment settlement and provided design recommendations for wick drains and surcharge loading to reduce post construction settlement and prevent downdrag loads on the proposed adjacent bridge foundations.
04/07 – 04/09	**LA DOTD, I-49 North; Caddo Parish, LA:** A Louisiana DOTD Priority 1 Mega Project where Jim led the GeoEngineers' team in conducting bridge and roadway borings and laboratory tests before bridges are constructed and pavement is laid on the 36-mile northward extension in Louisiana. GeoEngineers completed 166 borings for the project. At some sites, the team had to overcome the challenge of drilling exploratory borings at the same time LA DOTD cleared the area for construction, disturbing the site where samples are taken.

Firm employed by GeoEngineers, Inc.					
Name	Jennifer Aguettant, PE		Years of relevant experience with this employer	10	
Title	Associate Geotechnical Engineer		Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization			M.S. | 2006 | Civil Engineering B.S. | 2004 | Civil Engineering		
Active registration number / state / expiration date			Professional Engineer: Civil # 35077 | LA/ 3/31/2026		
Year registered	2009	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Geotechnical Laboratory Testing		

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).
	Jennifer has 19 years of engineering experience and project management at sites across Louisiana. Her combination of market expertise in transportation, municipal, oil and gas, development, and all facets of coastal geotechnical engineering has contributed to her outstanding project management performance. She plays a key role in large and complex projects with her organizational skills and by maintaining constant communication with all parties involved in a project.
07/25 - Ongoing	**City of Donaldsonville, Bunn Hood and Loop 945 Drainage Improvements Project; Donaldsonville, LA:** Jennifer is currently providing geotechnical services related to subsurface exploration at twelve locations**,** pavement design, and other geotechnical analyses and recommendations in support of the proposed drainage improvements along the Bunn Hood Corridor, Loop 945 Corridor, and adjacent streets for the city of Donaldsonville. The scope includes exploring the subsurface conditions by performing soil borings advanced to a depth of 10 feet below the ground surface (bgs) near roadway drainage crossing locations. GeoEngineers will drilled twelve soil borings using our truck-mounted rotary wash-bore drill rig. We also performed laboratory testing on the collected soil samples.
04/22 – 03/23	**Port of Greater Baton Rouge, Ernest Wilson Drive Road Repairs; Port Allen, LA:** Jennifer served as project manager for this project that involved road repairs for Ernest Wilson Drive within the limits of the Port of Greater Baton Rouge (the Port) in West Baton Rouge Parish, Louisiana. GeoEngineers performed density testing with supporting laboratory testing and collected and tested pavement concrete samples for strength. We also cored two 4-inch diameter cores through the asphalt concrete at each repair area, which were brought to the laboratory and tested for density and thickness.
06/19 – 10/24	**Runway 13/31 Safety Area/RPZ Improvements Plank Road (LA 67) Relocation Project; Baton Rouge, LA:** Jennifer served as the project manager for the expansion of the Baton Rouge Metropolitan Airport Runway 13/31 safety area and runway protection zone that extends across the existing Plank Road north of Harding Boulevard/Hooper Road. She oversaw the layout of our field exploration, notified landowners, and managed the field exploration and laboratory testing programs. Jennifer was responsible for managing the project budget, attending meetings with the client, and communicating with project team members.
03/18 – 10/20	**Coastal Protection and Restoration Authority (CPRA), Terrebonne Bay Ridge and Marsh Creation Project (TE-0139): Bayou Terrebonne Increment; Terrebonne Parish, LA**: Jennifer served as the project manager for this project, which will restore about 126 acres of earthen ridge for a ridge length of about 8.5 miles and create about 1,370 acres of marsh. Jennifer reviewed existing information and developed the data collection plan which served as the base map for the coastal use permit. Jennifer also managed and directed the fill area field exploration and the laboratory testing for both the fill and borrow areas.

	She oversaw the project engineering, presented results to the client via formal reports, managed the budget, and communicated with the client.
09/16 – 10/21	**CPRA, Island Road Marsh Creation and Nourishment (TE-117); Terrebonne Parish, LA:** Jennifer was the Project Manager of geotechnical engineering services during design for creation of approximately 360 acres of marsh and approximately 19 acres of marsh nourishment in Terrebonne Parish. Jennifer managed the field exploration and laboratory testing programs for the borrow areas. Based on engineering analyses, Jennifer provided design recommendations for the earthen containment dikes and marsh fill. She also managed the project schedule and budget and attended meetings with CPRA.
03/14 – 09/17	**CPRA, East Timbalier Island Restoration (TE-118); Lafourche Parish, LA:** Jennifer served as the project manager for this project, which includes building beach, dune, and marsh at East Timbalier Island and the West Belle Pass Barrier Headland. Jennifer oversaw the field operations and laboratory testing program. In addition, Jennifer managed the financial and scheduling aspects of the project as well as review of the engineering analyses and reporting, which included settlement of foundation soils and fill material, bearing capacity, and slope stability.
10/08 – 01/10	**Vermillion Parish Police Jury, Freshwater Bayou Shoreline Protection; Vermillion Parish, LA:** Jennifer served as project manager. Jennifer supported geotechnical services for the design and construction of approximately 10,600 linear feet of rock dike shoreline protection along Freshwater Bayou in Vermilion Parish, Louisiana, funded by the RESTORE Act. She oversaw comprehensive subsurface soil investigations, laboratory testing, and geotechnical design. Jennifer provided critical recommendations for dike stability and estimated settlement. She also directed soil borings 2 to 4 miles north of the proposed site, identifying very soft Holocene-era cohesive soils within 15 to 20 feet of the mudline and potential stiffer, less compressible Pleistocene soils 15 to 20 feet below.

Firm employed by GeoEngineers, Inc.				
Name	David Eley, PE		Years of relevant experience with this employer	18
Title	Principal Geotechnical Engineer		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			M.S. | 1991 | Civil Engineering B.S | 1989 | Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: Civil #26373 | LA | 9/30/2025 Professional Engineer: Civil #92444 | TX | 9/30/2025 Professional Engineer: Civil #27330 | AL | 12/31/2025	
Year registered	LA: 1995 TX: 2003 AL: 2005	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Geotechnical Laboratory Testing	

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).
	David is a GeoEngineers principal with more than 35 years of experience in geotechnical engineering, construction management and project management, including a couple years working in the LA DOTD Road Design section. He has completed settlement, pile capacity, pavement design and bearing capacity calculations for numerous projects; also including calculations, recommendations for site fill and grading, excavation safety and other construction issues. Along with transportation projects, additional projects have been listed below where the analysis is applicable to geotechnical aspects of transportation projects.
07/14 – 05/22	**CPRA, Cameron Meadows Marsh Creation and Terracing (CS-66); Cameron Parish, LA:** David served as the principal engineer and oversaw the geotechnical services for this multi-faceted project that included marsh creation, terraces, a water control culvert structure, and an underground highway crossing for a hydraulic fill pump line. A combination of soil borings and CPTs were used to assess the site along with laboratory testing. GeoEngineers identified a geologic fault near the proposed water control structure and re-located the structure to avoid settlement problems associated with the fault. Design elements of the project included slope stability and settlement for terraces and containment dikes, settlement estimates for hydraulic fill, recommendations for trenchless technologies to install the underground highway crossing, erosion protection for the culvert outlets and recommendations regarding pile capacity and seepage for the culvert structure.
02/13 – 04/13	**LA DOTD, I-49/US90 Widening over LA182 and BNSF Railroad, Lafayette, LA:** GeoEngineers was involved in a Louisiana DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where David assisted with executing field exploration program. GeoEngineers conducted bridge and roadway borings, and laboratory tests in support of design of this design build widening project located just south of Lafayette. GeoEngineers completed 119 borings for the project on a fast-track schedule utilizing multiple drill rigs to meet the deadline.
08/12 – 07/15	**LA DOTD, I-210 at Cove Lane Interchange, Lake Charles, LA:** David assisted with development of the schedule and cost estimate for this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. David helped coordinate a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control.

03/13 – 06/13	**New Warehouse, Addis, LA:** David drilled soil borings, assigned laboratory tests, and completed a geotechnical engineering evaluation used by design-build contractor to design the foundation system for a 500 by 400 foot warehouse. He also was responsible engineer for construction monitoring work including monitoring/documenting site fill, auger-cast pile construction, road construction, and concrete work
02/00 – 11/24	**Embankment & Flood Wall Design; Belle Chasse, LA:** David served as the geotechnical manager for a geotechnical investigation/evaluation of refinery site for upgrade of flood protection systems. This project included soil borings, laboratory testing, pile foundation evaluations, seepage control, I-wall analyses, and settlement estimates for earthen levees. Soils are very soft normally consolidated clays requiring friction piles.
1999 – 2000	**LA DOTD, Various Projects; Statewide, LA:** David was employed at the Louisiana Department of Transportation and Development in 1999 and 2000 in the Road Design section. While working with the LADOTD he worked on a design for LA Hwy. 10 near Oakdale, LA addressing alignment, drainage, and right-of-way issues. Since leaving the LADOTD David has worked on several LADOTD projects including geotechnical designs for LA Hwy 3213 connecting the Gramercy bridge to LA Hwy 3127, realignment of River Road in Baton Rouge, for a new casino, and several smaller off-system bridge replacement projects. Completed investigations, testing, and engineering including settlement, pile capacity, and pavement design calculations, and prepared reports for state highway and parish road projects.

Firm employed by GeoEngineers, Inc.					
Name	Anthony (Chien-An) Ju, EIT			Years of relevant experience with this employer	4
Title	Staff Geotechnical Engineer			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			M.S. | 2020 | Civil Engineering B.S. | 2018 | Civil Engineering		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Geotechnical Explorations, Laboratory Testing, Engineering, Instrumentation		

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).
	Anthony is a staff engineer who is actively involved in many of GeoEngineers' geotechnical explorations and evaluations since joining the firm in 2021. Anthony has been involved in many GeoEngineers projects, including LADOTD and CPRA projects listed below, performing field investigations using land-based, water-based, and amphibious drilling equipment.
04/24 - Ongoing	**LA DOTD, P3 I-10 Calcasieu River Bridge Geotechnical Engineering Services; Lake Charles, LA:** Anthony is the project manager for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume. Anthony coordinates laboratory assignments and assists with the preparation of the bridge design report.
10/21 - Ongoing	**CPRA, East Orleans Landbridge Restoration (PO-191); Orleans Parish, LA:** Anthony served as a staff geotechnical engineer supporting the engineering analyses by review of field and laboratory data and selection of design soil parameters. This project will create approximately 1,563 acres of marsh which will be created and nourished by hydraulically dredging material from two potential locations – Lake Pontchartrain and Lake St. Catherine. The fill areas will be formed by constructing earthen containment dikes around the boundaries of each marsh creation area (MCA). GeoEngineers has performed field investigations and geotechnical analyses along with laboratory testing and reporting.
02/21 – 11/21	**CPRA, Phoenix Marsh Creation Project – East Increment (BS-0042) and West Increment (BS-0044); Plaquemines Parish, LA:** Anthony served as a staff geotechnical engineer providing support with engineering analyses. The objective of the East Increment is to create and nourish approximately 392 acres of marsh and the objective of the West Increment is to create and nourish approximately 411 acres of marsh. His role included organizing and managing the field exploration efforts for the marsh creation areas and the borrow area in the Mississippi River. In addition, Anthony was instrumental in the engineering analyses for the marsh creation areas including stability of earthen containment dikes and marsh settlement.
07/20 – 12/22	**CPRA, Cameron Meadows Marsh Creation and Terracing (CS-66); Cameron Parish, LA:** Anthony served as a staff geotechnical engineer supporting the construction monitoring collecting sediment samples of the placed marsh fill for further analysis for this multi-faceted project that included marsh creation, terraces, a water control culvert structure, and an underground highway crossing for a hydraulic fill pump line.

01/19 – 11/24	**LA DOTD, I-10/Loyola Interchange Design Build; Kenner, LA**: Anthony provided field monitoring of driven piles including PDA and CAPWAP analysis for capacity. GeoEngineers is completing the geotechnical exploration, testing and engineering for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity
	Training • Traffic Control Technician (The American Traffic Safety Services Association)

Firm employed by GeoEngineers, Inc.					
Name	Denzel Flores, PE		Years of relevant experience with this employer	7	
Title	Geotechnical Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			B.S. | 2018 | Civil Engineering		
Active registration number / state / expiration date			Professional Engineer: Civil #149942 | TX | 6/30/2026		
Year registered	2023	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Geotechnical Explorations		

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).
	Denzel Flores is a geotechnical engineer who is actively involved in many of GeoEngineers' geotechnical explorations and evaluations. Denzel has been on the forefront of more than a dozen GeoEngineers projects, performing field investigations using land-based, water-based, and amphibious drilling equipment. His capabilities include the following: • Field investigations using land-based, water-based and amphibious drilling equipment to log soil borings and push CPTs • Laboratory test assignments and laboratory data interpretation • Slope stability analyses using GeoStudio's Slope/W • Settlement analyses using Settle3D, traditional Boussinesq methods and PSDDF • Deep foundation design using APILE, Driven, and LPILE
09/19 – 11/19	**LA DOTD, I-10/Loyola Interchange Design Build; Kenner, LA:** Denzel supported the field investigation for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity to the Louis Armstrong New Orleans International Airport terminal.
04/19 – 08/19	**LA DOTD, I-20/I-220 Interchange Improvements & Barksdale AFB Access; Bossier Parish, LA:** Denzel provided preliminary geotechnical investigation support through our retainer contract for this design-build project which involves interchange improvements that will increase access to the Barksdale Air Force Base in Bossier Parish.
09/18 – 10/18	**LA DOTD, I-10 Texas State Line to Coon Gully Project; Calcasieu Parish, LA:** Denzel supported the field investigation as part of the subsurface exploration program GeoEngineers conducted for this project through our current retainer contract to replace five bridges along I-10 between the Texas state line and Coon Gully near Vinton, Louisiana.
06/18 – 07/19	**City-Parish of East Baton Rouge, Plank Road Relocation; Baton Rouge, LA:** Denzel supported the geotechnical exploration and laboratory testing for the relocation of Plank Road.

Firm employed by GeoEngineers, Inc.					
Name	Ruofan Chu, PE		Years of relevant experience with this employer	.5	
Title	Project Geotechnical Engineer		Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization			M.S. | 2017 | Civil Engineering with Geotechnical Engineering emphasis B.S. | 2016 | Civil Engineering		
Active registration number / state / expiration date			Professional Engineer: Civil # 141968 | TX | 06/30/2026		
Year registered	2021	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Geotechnical Engineering		
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).				
	Ruofan is professional engineer with experience in geotechnical engineering and project management. He has Conducted geotechnical investigations for a variety of projects, including LNG facilities, bridge structures, buildings, infrastructures, and utility lines, while providing foundation recommendations, bearing capacity calculations, and settlement analyses for various foundation types. He has also performed foundation design and analysis for structures such as LNG tanks, buildings, towers, and bridges, including slab-on-grade, mat foundations, shallow and deep foundations, precast prestressed concrete piles, auger cast-in-place piles, drilled shafts, and pipe piles. He has conducted slope stability analyses for bridge abutments, bayou slope failures, and utility infrastructures, offering stabilization and reconstruction solutions. Ruofan has experience developing laboratory testing programs to characterize soil properties, provided soil improvement recommendations, and conducted ground improvement mix designs. He has also delivered guidelines and analyses for pavement design, utility construction considerations, and axial and lateral pile/shaft capacity.				
04/24 - Ongoing	**LA DOTD, P3 I-10 Calcasieu River Bridge Geotechnical Engineering Services; Lake Charles, LA:** Ruofan is assisting with the geotechnical explorations and soil sampling coordinating a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.				
12/22 – 12/23	**Freese and Nichols, Inc., New Barry Rose WRF; Pearland, TX**: Ruofan managed the geotechnical engineering services for the construction of a new Water Reclamation Facility (WRF) adjacent to the existing Barry Reclamation WRF and the decommissioning of the existing Longwood WRF. Geotechnical engineering services included foundation design and construction, considerations for open-cut excavations, groundwater control, excavation considerations, lateral earth pressure analysis, open-cut and trenchless construction considerations, and recommendations for HDD crossings.				
12/ 22 – 06/23	**HR Green, Bay Area Water Plant; Texas:** Ruofan managed the geotechnical engineering services for the construction of two prestressed concrete ground storage tanks (GST) with diameters of approximately 80 feet and heights of approximately 45 feet, booster pump building with a footprint area of approximately 50 feet by 45 feet, generator pad with a footprint area of				

	approximately 30 feet by 20 feet, chlorine building with a footprint area of approximately 20 feet by 10 feet, and associate concrete pavement and utilities, including a pipeline beneath Bay Area Boulevard to be constructed by trenchless construction. Geotechnical recommendations include shallow and deep foundation design and construction considerations, estimated tank settlements (edge and center), seismic site classification, utility construction consideration, HDD profile information and soil conditions for use in Inadvertent Returns Analyses or construction using jack and bore techniques.
05/21 – 11/21	**Clearway Energy Group, LLC, Clutch City Solar Facility; Port Arthur, TX**: Ruofan served as a project manager for the development of a solar farm, including solar arrays, a substation, various buildings, and facilities. He provided geotechnical considerations for pile foundations to support panel racking, including foundation type and design parameters for axial capacity. He also supplied p-y model parameters for evaluating soil-structure interaction under lateral load (LPILE Analysis) and design recommendations for drilled shafts and shallow foundations.
05/19 – 01/21	**Parsons Corporation, SH 249 Extension; Montgomery, TX:** Ruofan provided geotechnical engineering services that included the design and sizing of drilled shafts and driven pile foundations for the overpass bridge. He also provided recommended and designed retaining wall foundations and assessed global stability. Ruofan provided soil improvement recommendations to support embankments, conducted settlement analysis for the embankments, and offered recommendations for storm sewer, box culvert, and roadway pavement.
05/19 – 01/21	**Cheniere Major Project Development, Corpus Christi LNG Stage 3; Corpus Christi, TX:** Ruofan provided geotechnical engineering analysis and reporting for the construction of seven LNG Trains, storage tanks, and OSBL. The geotechnical engineering services included site investigation, evaluation of dredge materials, slope stability analysis for construction traffic and bathtub excavation, heavy haul road embankment, settlement analysis, and axial and lateral pile/shaft capacity analyses for LNG trains, tanks, ground flare, and mix design for ground improvement.

Firm employed by GeoEngineers, Inc.			
Name	King Chin, PE	Years of relevant experience with this employer	26
Title	Principal Geotechnical Engineer	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			M.S. | 2001 | Geotechnical Engineering B.S. | 1996 | Civil Engineering
Active registration number / state / expiration date			Professional Engineer: Civil #32617 | SC | 06/30/2026 Professional Engineer: Civil #38761 | WA | 11/25/2026 Professional Engineer: Civil #80359 | CA | 12/31/2026 Professional Engineer: Civil #17742 | AR | 12/31/2026 Professional Engineer: Civil #32732 | KY | 06/30/2027
Year registered	SC: 2015 WA: 2002 CA: 2012 AR: 2017 KY: 2017	Discipline	Civil
Contract role(s) / brief description of responsibilities			Geotechnical Engineering; Specialty Engineering Analyses

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).
	King has extensive experience performing geotechnical engineering for facilities including bridges, roadways, marina/waterfront structures, high rises, hospitals and dams. King specializes in numerical modeling and earthquake engineering. Most of the projects that King worked on adopted the performance-based design procedure where the anticipated deformation of the structure and facilities are the key design criteria. These projects require design analysis that can account for the soil-structure interaction under both the static and seismic loading conditions with the use of numerical modeling techniques. King is adept in interpretation of building code regarding geotechnical engineering design guidelines outlined in AASHTO, MOTEMS, IBC, ASCE/SEI, ASCE Seismic Guidelines for Ports, and various FEMA and FHWA documents.
04/18 – 04/19	**Washington Dept. of Transportation (WSDOT), I-90 Yakima River Bridges; Cle Elum to Ellenburg, WA:** Geotechnical Engineer of Record and Principal-in-Charge for providing geotechnical design, consultation, and construction observation for the I90 Yakima River Bridges Cle Elum to Ellensburg Temporary Bridge 90/140 and 90/154 Design-Build project. Performed geotechnical design of the temporary bridges to allow open traffic while rehabilitating the permanent bridges. Scope of work included detailed review of the historical boring information and geologic soil conditions at the project sites, evaluated pile drivability in the hard Ellensburg Formation and the medium stiff to stiff over-consolidated clayey silt using the PDA and CAPWAP analyses. Other design elements include retaining wall and bridge embankment stability evaluation.
03/17 – 03/21	**South Carolina Dept. of Transportation (SCDOT), US 21 Bridge Replacement over Harbor River Design Build Procurement Services; Beaufort County, SC:** This design build project consists of all work necessary to remove the existing swing-span bridge and to construct a new fixed-span bridge, including the associated roadway and drainage work necessary to tie the new approaches to the existing roadway. The new bridge is approximately 6,600 feet long, consists of 21 bridge bents supported on 96-inch-diameter drilled shafts, driven 24-inch square concrete piles and HP 14x117 steel piles. The project also

	included two embankments up to about 18 feet high founded on very soft silt and clay and liquefiable soils up to about 65 feet thick. Key design issues include soft ground conditions for roadway embankment construction, developing geotechnical seismic design parameters for use in bridge foundation design and ground improvement design to mitigate soil consolidation and liquefaction issues. King is the Principal-in-Charge, providing geotechnical engineering, seismic and ground improvement design services and construction oversight for this project.
06/13 – 01/15	**U.S. Army Corps of Engineers, Permanent Canal Closures and Pump Stations Project; New Orleans, LA:** King was the principal and project manager responsible for the numerical modeling of the cofferdam constructed at the 17th Street Canal, London Avenue Canal and Orleans Avenue Canal sites for the Permanent Canal Closure and Pump (PCCP) project in New Orleans, Louisiana. The PCCP project includes constructing a pump station at each project site that will move rainwater out of the canal and into Lake Pontchartrain during a tropical weather event. The construction of the pump station requires an excavation up to 54 feet deep completed under water and the cofferdam is designed to resist the very soft clay called Marsh Deposit and up to 47 feet of differential water pressure when the excavation is fully dewatered during the construction of the pump station. Extensive three-dimensional numerical modeling using the PLAXIS 3D to evaluate the performance of the cofferdams under fully excavated and dewatered conditions and to evaluate the impacts of the cofferdams' deformations to the adjacent existing structures and future buildings that will be constructed adjacent to the cofferdams. Our analyses incorporated the cofferdam deformation effects to the Marsh Deposit to make sure that bearing failure does not occur during construction. Our analyses were peer reviewed by two third-party reviewers, one retained by the US Army Corps of Engineers, and the other retained by the design-build project team. Contractors successfully constructed the cofferdams and the actual performance was in line with our numerical modeling results and predictions.
06/12 – 09/12	**Seattle Department of Transportation (SDOT), Airport Way South Grade Separation; Seattle, WA:** King was the principal in charge responsible for the ground improvement system using deep soil mixing (DSM) columns for the Airport Way South over ARGO Railroad Yard project. The roadway embankments consist of MSE fill approaches (North and South Approach) up to about 25 feet in height were designed to be supported on improved ground to mitigate the settlement induced by soil consolidation under static conditions and soil liquefaction during a design earthquake event. The subsurface soil conditions at the project site generally consisted of 20 to 40 feet of potentially liquefiable loose to medium dense sand over 20 to 40 feet of compressible clay/clayey silt. GeoEngineers completed the design of a deep soil mixing (DSM) column with load transferring structural slab system to reduce the post-construction static settlement and the liquefaction induced settlement under the design earthquake event to less than an inch.

Firm employed by GeoEngineers, Inc.				
Name	Kyle Kilfian, WWC		Years of relevant experience with this employer	11
Title	Drilling Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. | 2007 | Mechanical Engineering	
Active registration number / state / expiration date			Water Well License: #724| LA | 6/30/2026	
Year registered	N/A	Discipline	Geotech	
Contract role(s) / brief description of responsibilities			Driller; Geotechnical Explorations	

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).
	Kyle has been with GeoEngineers since 2014 and has exceled on a variety of projects involving geotechnical soil borings, environmental soil borings, construction monitoring, and cone penetration test (CPT) soundings. All field work required coordination with clients, contractors, project engineers, landowners and pipeline representatives. Kyle provides detailed daily field reports including site photographs generated to document field activities. He also oversees the fabrication and modifications of equipment depending upon project requirements and client specifications. Kyle conducted geotechnical explorations that involved multiple CPT soundings and soil borings for a few LA DOTD projects including **Caddo Lake Bridge, LA 485 Bridges, and the Tangipahoa River Bridge Replacement.** **Construction Monitoring** Inspected the construction of mechanically stabilized earth (MSE) walls and the installation of concrete and timber piles. Assisted with PDA. Monitored augercast pile and Geopier installation. Performed nuclear density testing and monitored fill placement. Read and interpreted detailed plans.
02/24 - Ongoing	**LA DOTD, LA 835 Boeuf River Bridge; Near Concord, Richland Parish, LA:** GeoEngineers is conducting geotechnical explorations and laboratory testing results for Phase 2 of the LA 561 Boeuf River Bridge Replacement project located near Hebert in Caldwell and Richland Parishes, LA. Kyle performed CPT soundings and soil borings for this project. The scope includes drilling eight soil borings, including five over water to depths of 110 feet below ground surface, evaluating soil properties in our laboratory, and consolidating data and findings into a report.
01/19 –11/24	**LA DOTD, Loyola Dr. I-10 Interchange to New Airport Terminal; Jefferson Parish, LA:** GeoEngineers completed the geotechnical exploration, testing and engineering for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Kyle performed CPT soundings and soil borings for this project.
08/12 – 07/15	**LA DOTD, I-210 Interchange at Cove Lane; Lake Charles, LA:** Kyle performed CPT soundings and soil borings during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane with a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of about 8,000 driven pile foundations.
	Training • Traffic Control Technician (The American Traffic Safety Services Association)

Firm employed by	GeoEngineers, Inc.			
Name	Jammie McLeod		Years of relevant experience with this employer	15
Title	Driller		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			High school graduate	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Driller; Geotechnical Explorations	
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).			

Jamie has been drilling with GeoEngineers for 13 years and very experienced with safely handling our drilling equipment, collecting quality samples, and working well with his crew and loggers. Below are some of the skills Jamie has acquired through his work on almost every project he has performed.

Site access. Jamie has encountered many sites that are difficult to access because of barriers such as water, woods and other factors. Jamie understands that access to the site is important for entrance and exit. In case of an emergency, Jamie ensures there is a clear path to get back to vehicles and makes sure we have the proper equipment to transport people.

Traffic safety. Much of our work with the LA DOTD involves site locations that are located near active traffic. Jamie has experience coordinating with local law enforcement and placing traffic warning signs and cones before starting work. This helps enforce the safety of the public and his crew members. In addition, Jamie is a certified Traffic Control Technician.

Collecting quality samples. Jamie understands the importance of obtaining quality samples for project design and implementation. When he arrives at a site, he is always prepared with the right equipment to handle different soil conditions, varying from clay to sand and silt conditions.

Safety. Jamie is familiar with the many different safety concerns a site can present. He is aware of the common biohazards found in the Gulf South Region. Being a Louisiana native Jamie knows that dangers can exist in the environment, and he takes the necessary steps to scope an area before performing work. He is also familiar with just how quickly the weather can change in Louisiana. He stays updated on forecast and knows when to leave a job before the situation becomes dangerous. In the field people look up to Jamie for his expertise in identifying safety concerns and knowing when and how to proceed. Jamie has also been required to work safely in petrochemical plants.

Environmental. Jamie is knowledgeable about state laws and regulations pertaining to grouting boreholes upon completion and understands its importance. He knows what materials and grout mixture to use to refill boreholes properly and to make certain he is not leaving a borehole path to allow material migration and cause environmental concerns. He also knows the importance of leaving a site in the same condition as when he arrived or as close as possible. He ensures that sites are free of trash, debris, oils and other harmful materials.

	Operating equipment. Jamie can operate both of our Failing 1500 truck drill rigs, our Failing 1500 skid drill rig, and our Ardco K 1000 ATV Rig. He has used these rigs in geotechnical borings across the South. Jamie also holds a class B commercial driver license. In addition, Jamie has experience operating equipment in the Mississippi and other rivers. **Maintaining equipment.** Aside from knowing how to operate equipment, Jamie also knows that maintenance of the equipment can affect its performance. After every job, he makes sure the equipment is properly taken care of and receives regular maintenance checks.
11/24 - Ongoing	**LADOTD, Bonne Idee Rd Bridge; Bonita, LA:** The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LaDOTD format. Jamie was involved in the geotechnical field testing and operates the drilling equipment while safely collecting soil samples.
7/24 - Ongoing	**LADOTD, Hosston Road Over Kelly Bayou; Hosston, LA:** GeoEngineers performed geotechnical explorations in support of the preparation for the rehabilitation of the 150-ft wooden bridge on Hosston River Road (Parish Rd 156) over Kelly Bayou near Hosston in Caddo Parish, LA. Jamie safely utilized drilling equipment to collect data that analyzes soil conditions. GeoEngineers drilled a total of two soil borings using a truck-mounted rotary washbore drill rig and conducted associated laboratory testing.
04/24 - Ongoing	**LADOTD, P3 I-10 Calcasieu River Bridge; Lake Charles, LA:** Jamie is operating the drilling equipment and assisting with the geotechnical explorations for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. Brenda is helping with the coordination of the field and laboratory testing activities and with the evaluation of the data obtained for the geotechnical designs. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.
02/24 – 08/24	**Lafayette Consolidated Government, Verot School Road Bridge Repairs; Lafayette, LA:** Jamie is assisting with the drilling operations and field exploration in this soil nail design and road embankment slope analysis. He has assisted with the soil collecting and sampling to contribute to the lab testing data generation and technical analysis for report preparation.
	Certifications • GBRIMA (Greater Baton Rouge Industry Managers Association) • CDL (Commercial License) • CPR/First Aid Training **Training** • Traffic Control Technician (The American Traffic Safety Services Association)

Firm employed by GeoEngineers, Inc.					
Name	Dustin Blanchard		Years of relevant experience with this employer	2	
Title	Laboratory Manager		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			B.S. | 2005 | Business Marketing		
Active registration number / state / expiration date			ACI Aggregate Base Testing Technician Certification: Lab #02215574 | LA | 2/11/2030		
Year registered	2025	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Laboratory Manager		

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).
	Dustin manages our Baton Rouge geotechnical laboratory and the four staff that help him run the lab. His deep understanding of lab procedures and process improvement has enabled the Baton Rouge lab to improve quality, build efficiency and significantly reduce its backlog. Dustin maintains records for all calibartions, test forms, and other documentation that may be required in order to keep the lab in good standing. The lab currently holds an AASHTO accreditation, as well as a DEQ accreditation, and an USACE Laboratory validation. Dustin is also a key member of our company team assigned to manage our soil testing database and associated upgrades and changes. The software package that many regional companies have used for years to collect testing data, reduce data, and report data will no longer be supported by the company that owns it in a few years. Companies, including GeoEngineers, that are currently using this system are looking at new systems and implementing changes to transition. Dustin is part of the team for this transition for GeoEngineers. Dustin has been instrumental in making the following improvements to the GeoEngineers lab: • Increased testing efficiency while improving result quality by optimizing soil testing processes with the assembly line model. • Reduced idle time by strategically placing laboratory stations and equipment in proximity to its relevant test. • Increased technician productivity by alternating work schedules and creating a positive team-oriented laboratory culture.
01/24 – 6/24	**Lafayette Consolidated Government, Verot School Rd Bridge Repair Project; Lafayette, LA.** Dustin oversaw all laboratory testing and reporting in this soil nail design and road embankment slope analysis. He has managed the project from field exploration to lab testing, technical analysis and report.
04/22 - Ongoing	**LADOTD, P3 I-10 Calcasieu River Bridge Geotechnical Engineering Services; Lake Charles, LA.** Dustin oversaw the laboratory testing and reporting for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.
10/21 - Ongoing	**LA CPRA, East Orleans Landbridge Restoration (PO-191); Orleans Parish, LA.** GeoEngineers is conducting engineering analyses by review of field and laboratory data and selection of design soil parameters. This Project will create approximately

	1,563 acres of marsh which will be created and nourished by hydraulically dredging material from two potential locations – Lake Pontchartrain and Lake St. Catherine. The fill areas will be formed by constructing earthen containment dikes around the boundaries of each marsh creation area (MCA). Dustin is conducting the laboratory and testing for this project.
8/18 – 5/21	**LADOTD, Loyola Dr/I-10 Interchange to New Airport Terminal (LANOIA) Design Build; Jefferson Parish, LA.** GeoEngineers completed the geotechnical exploration, testing, and engineering for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Dustin conducted the laboratory and testing for this project.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Venu Tammineni, P.E., LEED AP		Years of relevant experience with this employer	5	
Title	Principal		Years of relevant experience with other employer(s)	15	
Degree(s) / Years / Specialization			Masters of Civil Engineering/2005/Geotechnical Engineering		
Active registration number / state / expiration date			PE 36864/LA/9-30-2026 Traffic Control Technician/9-5-2027		
Year registered	2012	Discipline	Civil Engineering/Geotechnical		
Contract role(s) / brief description of responsibilities			Principal / Mr. Tammineni will direct and provide technical guidance to geotechnical investigation, laboratory work, and geotechnical engineering design.		

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).
01/20 – 12/21	**City of East Baton Rouge and Parish of East Baton Rouge, City-Parish Project NO. 20-CP-HC-0004; Baton Rouge, LA:** Venu provided pavement design recommendations for the proposed pavement expansion for the Highland Road at Siegen Lane/Burbank Drive intersection. As a consultant to Fourrier & de Abreu Engineers, LLC (FDAE), Mr. Tammineni coordinated all aspects of the project including, but not limited preparation of the proposal for the project, discussion with the design team, obtaining DOTD permit, executing field exploration program, assigning laboratory tests, performing pavement analyses, and preparing the geotechnical report that has been reviewed and accepted by the design team.
03/22 – 04/22	**City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA:** Venu provided pavement design recommendations for the proposed pavement improvements for various streets throughout the City of Patterson. Venu coordinated all aspects of the project including, but not limited preparation of the proposal for the project, discussion with the design team, assigning laboratory tests, laboratory testing QA/QC, performing pavement analyses, and preparing the geotechnical report.
01/18 – 02/18	**City of Youngsville, Chemin Metairie Parkway and Détente Road Roundabout; Youngsville, LA:** The City of Youngsville planned to construct a roundabout at the existing intersection of Chemin-Metairie Parkway and Détente Road. The roundabout will have a larger footprint than the intersection and will require installation of additional fill to match grades. Venu planned and executed field exploration and provided recommendations for rigid and flexible pavements for the project. (Experience with previous employer)
06/16 – 09/16	**Causeway Boulevard - Earhart Expressway Interchange; New Orleans, LA:** Venu coordinated the drilling activities for limited soil borings for the project. Three-inch diameter soil samples were obtained using a thin-walled tube and piston sampler. Soil stratigraphy was highly variable and layered and required close monitoring of the drilling crews to obtain quality soil samples. (Experience with previous employer)

Firm employed by	Adaptive Management and Engineering, LLC; Baton Rouge, LA				
Name	Justin Ator, CET		Years of relevant experience with this employer	4	
Title	Laboratory Manager/Senior Technician		Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization			High School		
Active registration number / state / expiration date			NICET Geotechnical Level II: Laboratory (139594)/LA/2-1-2027		
Year registered	2015	Discipline	Geotechnical Laboratory Testing		
Contract role(s) / brief description of responsibilities			Laboratory Manager. Mr. Ator will oversee all laboratory testing and will perform specialized laboratory testing. He will provide data entry for lab testing, produce boring logs.		

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).
03/24 – 06/24	**H.001970-LA 561 Bridge Replacement over Boeuf River:** Justin performed managed all testing for the project and performed numerous strength tests for the project. Additionally, he input the data into gINT and produced all lab reports for the project.
03/22 – 04/22	**City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA:** Justin provided geotechnical laboratory testing and oversight for the project. He generated boring logs and performed QA/QC on all testing performed.
01/22 – 03/22	**1,4Group, Inc Proposed Warehouse and Plant Facility; Ascension Parish, LA:** Justin performed geotechnical laboratory testing and QA/QC for 8 soil borings and 15 CPTs. The project involved rigid and flexible pavement design for a proposed warehouse facility.
8/20 – 10/20	**Flat Lake Sedimentation Study, St. Mary Parish, LA:** Justin performed moisture content, density, Atterberg limits, fines content, hydrometer analysis, organics, column-settling and low-stress consolidation test.
08/19 – 10/19	**Premier Geotech and Testing, LLC., Arbor Walk Subdivision; Walker, LA:** Justin managed subconsultant laboratory testing of 72 soil samples for USCS classification, moisture content, density, Atterberg limits, and unconfined compressive strength.
05/19 – 06/19	**Weeks Marine, Inc., Jack and Bore for Dredge Pipeline and Booster Pump Stations; Cameron Parish, LA:** Justin managed and performed laboratory testing for undisturbed samples including USCS classification, moisture content, density, Atterberg limits, fines content, hydrometer analysis, and unconsolidated-undrained triaxial shear strength.
6/18 – 8/18	**Bayou Long Pump Station, Atchafalaya Basin, LA:** Justin performed field investigation, transported soil samples to the laboratory, completed extrusions and performed moisture content, density, Atterberg limits, fines content, hydrometer analysis, and unconsolidated-undrained triaxial shear strength on samples assigned by the project engineer.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA				
Name	Stephannie Campbell, CET		Years of relevant experience with this employer	1
Title	Geotechnical Laboratory QA/QC / Senior Technician		Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization			High School	
Active registration number / state / expiration date			NICET Geotechnical Level II: Laboratory (103767)/LA/11-1-2026	
Year registered	2017	Discipline	Geotechnical Laboratory Testing	
Contract role(s) / brief description of responsibilities			Laboratory QA/QC. Ms. Campbell will perform laboratory testing and specialized laboratory testing. She will provide data entry for lab testing, produce boring logs, and will QA/QC test results.	

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).
03/24 – 05/24	**H.001970-LA 561 Bridge Replacement over Boeuf River; Louisiana:** Ms. Campbell performed numerous classification and strength tests for the project. Additionally, she served as the QA/QC manager for all testing produced by the lab.
09/23 – 10/23	**LA 1 Port Allen Canal; Louisiana:** Ms. Campbell performed numerous classification and strength tests for the project. Additionally, she served as the QA/QC manager for all testing produced by the lab.
09/23 – 10/23	**Sabine Road Overpass and Canal; Louisiana:** Ms. Campbell performed numerous classification and strength tests for the project. Additionally, she served as the QA/QC manager for all testing produced by the lab.
10/21 – 02/22	**Loyola & I10 NOLA Airport; Louisiana:** Ms. Campbell performed numerous classification and strength tests for the project. Additionally, she served as the QA/QC manager for all testing produced by the lab.
04/18 – 08/18	**Jimmie Davis Bridge; Louisiana:** Ms. Campbell performed numerous classification and strength tests for the project. Additionally, she served as the QA/QC manager for all testing produced by the lab.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Mikayla McKinney		Years of relevant experience with this employer	3	
Title	Laboratory Technician/ Field Technician		Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization			High School		
Active registration number / state / expiration date			ACI Base Aggregate Testing (02218772)/ LA/8-27-2028		
Year registered	2021	Discipline	Geotechnical Laboratory Testing		
Contract role(s) / brief description of responsibilities			Field Technician/Inspector / Ms. McKinney will provide field assistance as needed for geotechnical and construction related services and lab testing.		

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).
06/24 – 11/24	**Bayou Dularge Ridge and Marsh Creation Project (TE-170); Terrebonne Parish, LA:** Mikayla was the lab technician. Mikayla performed lab testing of numerous undisturbed and SPT samples from the site's borrow and fill areas. Testing included: USCS classification, moisture content, density, Atterberg Limits, sieve and hydrometer analysis. Mikayla assisted with the gINT laboratory database as well.
04/24 – 10/24	**South Grand Chenier Marsh Creation (ME-20); Cameron Parish, LA:** Lab Technician. Mikayla performed lab testing of SPT and undisturbed soil samples obtained from a borrow area/sand shoal in the Gulf of Mexico. Testing included USCS Moisture content, density, Atterbergs, sieve and hydrometer analysis. Also, Mikayla assisted with gINT database for project.
04/23 – 12/24	**Confidential Mitigation Project; Cameron Parish, LA:** Mikayla served as Lab Technician on this project, managing and performing laboratory testing on undisturbed soil samples collected from 11 borrow area and 24 fill area borings. Testing scope included USCS classification, moisture content, density, Atterberg limits, sieve and hydrometer analysis, unconfined compression (UC), unconsolidated undrained (UU) shear strength tests, specific gravity, low-stress consolidation, and column settling analyses to support geotechnical design and settlement evaluation.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Daniel Olsen			Years of relevant experience with this employer	3
Title	Laboratory Technician			Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			B.S./ 2019/Geography		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Laboratory Technician/ Mr. Olsen performs soil classification and geotechnical testing, ensuring accurate data collection and analysis to support engineering design and construction.		

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).
02/25 - Ongoing	**Lake Borgne Marsh Creation Project (PO-180) St. Barnard Parish, Louisiana:** CADD Draftsman. Daniel assisted in the development of project maps and cross sections for re-analysis of marsh creation area 8, which was an addition from the Bayou LaLoutre Project (PO-178).
06/24 – 11/24	**Bayou Dularge Ridge and Marsh Creation Project (TE-170)' Terrebonne Parish, LA:** Daniel was the lab technician. Daniel performed lab testing of numerous undisturbed and SPT samples from the site's borrow and fill areas. Testing included: USCS classification, moisture content, density, Atterberg Limits, sieve and hydrometer analysis. Daniel assisted with the strength testing as well.
01/23 – 03/23	**Tchefuncte West Bank Marsh Creation; St. Tammany Parish, LA:** CADD Draftsman. Daniel assisted in the development of project maps and cross sections for the project borrow area and fill area.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Michael McKinney, Jr., WWC		Years of relevant experience with this employer	5	
Title	Operations Manager/Driller		Years of relevant experience with other employer(s)	20	
Degree(s) / Years / Specialization			High School		
Active registration number / state / expiration date			Water Well Contractor #867/LA/6-30-2026 Traffic Control Supervisor/LA/9-8-2027 Flagger/LA/10-20-2027		
Year registered	2012	Discipline	Geotechnical Field Services		
Contract role(s) / brief description of responsibilities			Field Services Manager/Mr. McKinney is a Water Well Contractor who will drill, and/or coordinate all field exploration. He also serves as a safety manager and Traffic Control Supervisor.		

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).
03/22 – 04/22	**City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA:** Michael coordinated drilling and all field exploration services for the project. He oversaw the completion of 8 roadway soil borings and assisted with lab testing for the project.
01/20 – 12/21	**City of East Baton Rouge and Parish of East Baton Rouge, City-Parish Project NO. 20-CP-HC-0004; Baton Rouge, LA:** Michael coordinated and oversaw the field exploration for the project. Temporary lane closures had to be made for the completion of soil borings in the roadway. All field exploration was completed per MoveBR standards.
06/16 – 09/16	**Lake Charles, LA Pavement Improvement; Calcasieu Parish, LA:** Michael served as the senior driller for multiple parish highways and roads. He coordinated drill rig and other equipment mobilization, drilled, and sampled various highways and pavement types throughout Calcasieu Parish. Michael oversaw the coring and measurement of asphalt, concrete, and base material. After knowing the pavement and base course dimensions, he completed drilling and soil sampling those locations, patching the road back after completion as per LADOTD requirements. All field explorations were completed in accordance with LA DOTD standards. (Experience with previous employer)
11/16 – 12/16	**I-49 future Corridor Overpass Expansion Project DOTD; New Iberia Parish, LA:** Michael worked as senior driller for the geotechnical investigation for the I-49 expansion and overpass. Michael completed geotechnical sampling for deep foundations and overpass construction. All field explorations were completed in accordance with LA DOTD standards. (Experience with previous employer)
04/14 – 05/14	**HWY 10 Bridge for DOTD; St. Francisville, LA:** Michael is a senior driller for a bridge replacement site. Mr. McKinney assisted with the mobilization, drilling, and soil sampling for four 100' soil borings. He oversaw the coring and measurement of asphalt, concrete, and base material. After pavement and base course dimensions were selected, he completed drilling and soil sampling those locations, patching the road back after completion as per LADOTD requirements. All field explorations were completed in accordance with LA DOTD standards. (Experience with previous employer)

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Trace McBride		Years of relevant experience with this employer	2	
Title	Field Technican/Inspector/Lab Technicican		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			High School		
Active registration number / state / expiration date			ACI/LA/9-22-2028 Flagger/LA/10-20-2027		
Year registered	2023	Discipline	Geotechnical Laboratory Testing		
Contract role(s) / brief description of responsibilities			Field Technician/Inspector / Mr. McBride will provide field assistance as needed for geotechnical and construction related 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).
06/23 – 08/23	**Lakey, Inc, Comite River Diversion Channel – Reach 4 Slope Stability and Seepage Study; East Baton Rouge Parish, LA:** Trace served as the field technician for the field exploration of the channel, which included performing 2 soil borings to 50 feet below ground surface.
05/23 – 10/24	**NRCS, PO-75 Labranche Marsh Creation Project; St. Charles Parish, LA:** Trace provided assistance installing and inspecting geotechnical field instrumentation for the construction off the project earthen containment dikes. He will serve as a field inspector once the project goes to the dredge material placement phase
01/23 – 03/23	**Confidential Client, Effluent Pipeline Replacement, Ascension Parish, LA:** Trace was a field inspector during the construction phase of the project. He was onsite to observe construction, nearby water levels, and ground settlement as a jack and bore underneath a railway was performed.

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA				
Name	Gregory A. Mattson, II, P.E,		Years of relevant experience with this employer	4
Title	Engineering Manager		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			M.S. Civil and Environmental Engineering/2014/Geotechnical Engineering	
Active registration number / state / expiration date			PE42397/LA/9-30-2026 Traffic Control Technician/9-5-2027	
Year registered	2018	Discipline	Civil Engineering/Geotechnical	
Contract role(s) / brief description of responsibilities			Project Engineer / Mr. Mattson will provide field assistance as needed, provide laboratory data QA/QC, and conduct the engineering analyses and reporting.	

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).
05/24 – 06/24	**H.001970-LA 561 Bridge Replacement over Boeuf River:** Gregory managed all testing for the project and performed numerous strength tests for the project. Additionally, he input the data into gINT and produced all lab reports for the project.
03/22 – 04/22	**City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA:** Gregory assisted with pavement design recommendations, provided laboratory testing QA/QC, and technical review for the geotechnical report.
01/22 – 03/22	**1,4Group, Inc Proposed Warehouse and Plant Facility; Ascension Parish, LA:** This project involved supporting pavement infrastructure for heavily loaded vehicles to access a proposed warehouse facility. Gregory was the on-site field engineer for the boring conducted as part of the field exploration. Additionally, Gregory provided QA/QC for laboratory testing and boring logs, generated project figures, assisted with rigid and flexible pavement analyses, and drafted the geotechnical report.
01/20 – 02/20	**McKim and Creed, PWS Trinity Derby Brine Pipeline; Frio County, TX:** McKim and Creed is moving forward designing a brine transportation pipeline that includes trenchless crossings of roads, rivers, and railroad tracks. This phase of the project includes two HDD crossings, one at the Frio River and the other at Interstate 35 and a railroad. The field exploration program included the geotechnical drilling and sampling of two 50-foot soil borings. Gregory coordinated with the client's project manager and developed the proposal; provided laboratory data QA/QC; assisted with HDD recommendations; and assembled the GDR. (Experience with previous employer)
04/19 – 06/19	**Jack and Bore for Dredge Material Pipeline; Cameron Parish, LA:** The project involved a proposed Jack and Bore location for a dredge material pipeline road crossing in Cameron, LA. Gregory provided laboratory QA/QC, conducted geotechnical analyses, and drafted the report. (Experience with previous employer)

Firm employed by Adaptive Management and Engineering, LLC; Baton Rouge, LA					
Name	Elizabeth Bogan		Years of relevant experience with this employer	1	
Title	CAD Drafter		Years of relevant experience with other employer(s)	16	
Degree(s) / Years / Specialization			M.S./2008/ Civil Engineering		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	Coastal & Ecological Engineering		
Contract role(s) / brief description of responsibilities			Field Technician/Inspector / Mr. McBride will provide field assistance as needed for geotechnical and construction related 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).
04/25 – 10/24	**NRCS, PO-75 Labranche Marsh Creation Project; St. Charles Parish, LA:** Elizabeth monitored Earthen Containment Dikes (ECDs) for pressure spikes, mudwave activity, and potential breaches; compiled and documented all monitoring data throughout construction.
06/24 – 11/24	**Bayou Dularge Ridge and Marsh Creation Project (TE-170) Terrebonne Parish, LA:** Elizabeth worked on vicinity and geology maps, including MCA locations, for the boring location package.
04/24 – 10/24	**Confidential Mitigation Project, Cameron Parish, LA:** Elizabeth developed permit drawings for field work, including drilling activities.

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects*** should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	GeoEngineers, Inc.		Discipline(s)*	Geotech	
Project name	**I-210 at Cove Lane Interchange (Design and Construction)**		Firm responsibility (prime or sub?)	Prime	
Project number	H.010151	Owner's name	Louisiana Department of Transportation and Development		
Project location	Route I-210, Lake Charles, LA		Owner's Project Manager	Benjamin Fernandez	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70816; 225.379.1821; Benjamin.Fernandez@la.gov				
Services commenced by this firm (mm/yy)	08/12	Total consultant contract cost ($1,000's)		$80,000	
Services completed by this firm (mm/yy)	07/15	Cost of consultant services provided by this firm ($1,000's)		$2,470	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GeoEngineers completed a geotechnical engineering evaluation, design and construction monitoring for the new Interstate 210 (I-210) overpass of Cove Lane in Lake Charles, Calcasieu Parish. This fast-track project required our team to mobilize five different drill rigs for explorations and staff from offices across the country to meet the schedule requirements. We completed engineering analyses and provided design and construction recommendations for about 8,000 driven pile foundations (provided PDA/CAPWAP evaluation of the piles during installation), MSE walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges.

GeoEngineers provided a complete geotechnical investigation, including 128 explorations (43 drilled soil borings and 85 CPTs) to depths in the range of 20 to 120 feet and associated soil laboratory testing for the I-210 overpass structure with approach embankments and ramps, which is aligned within a very crowded corridor between Cline Canal and private property. The proposed embankment overpass structure used a tight urban diamond configuration with a roundabout for the new Cove Lane interchange. The team used PDA equipment to evaluate and monitor installation of one pile every 50 of the 8,000 piles the contractor placed. In addition, our numerous detailed records provided valuable information to the DOTD and team members during the project. The work for this large project had to be performed very close to live traffic. Safety measures were heighted even more to ensure the safety of everyone working on the project and to the ongoing traffic.

Team members: James Aronstein, Larry Sant, David Eley, King Chin

Firm name	GeoEngineers, Inc.		Discipline(s)*	Geotech	
Project name	**Design-Build US90 @ LA318 Interchange**			Firm responsibility (prime or sub?)	Sub
Project number	S.P. H.004932	Owner's name	Louisiana Department of Transportation and Development		
Project location	St. Mary Parish		Owner's Project Manager	Timothy Nickel, PE	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70816; 225.379.1110; Timothy.Nickel@la.gov				
Services commenced by this firm (mm/yy)	05/15	Total consultant contract cost ($1,000's)		~ 56,000	
Services completed by this firm (mm/yy)	04/18	Cost of consultant services provided by this firm ($1,000's)		$734	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The US90/LA318 Interchange project was in preparation for the conversion of US90 to future I-49 in St. Mary Parish and included construction of access ramps between US90 and LA318, realignment of the frontage road for local access parallel to US90, and elevating US90 over LA318. As part of the design-build team with Gilchrist Construction Company, GeoEngineers provided geotechnical engineering design services and construction recommendations. Our work included completing preliminary designs for compliance with AASHTO LRFD and LADOTD standards. GeoEngineers also provided geotechnical design to the bridge, road and contractor teams as needed throughout the duration of the design-build construction process and provided PDA/CAPWAP evaluation of the piles during installation. Areas of geotechnical design include the following:

- Review of project geology and explorations previously completed.
- Providing explorations and laboratory testing for foundation, embankment and pavement design.
- Engineering analysis and recommendations for driven pile foundations for highway overpass bridges and drainage culvert design.
- Engineering analysis and recommendations for wick drains an surcharge to reduce post-construction embankment settlement, including field monitoring.
- Field monitoring of pile dynamic testing including WEAP and PDA/CAPWAP analysis.

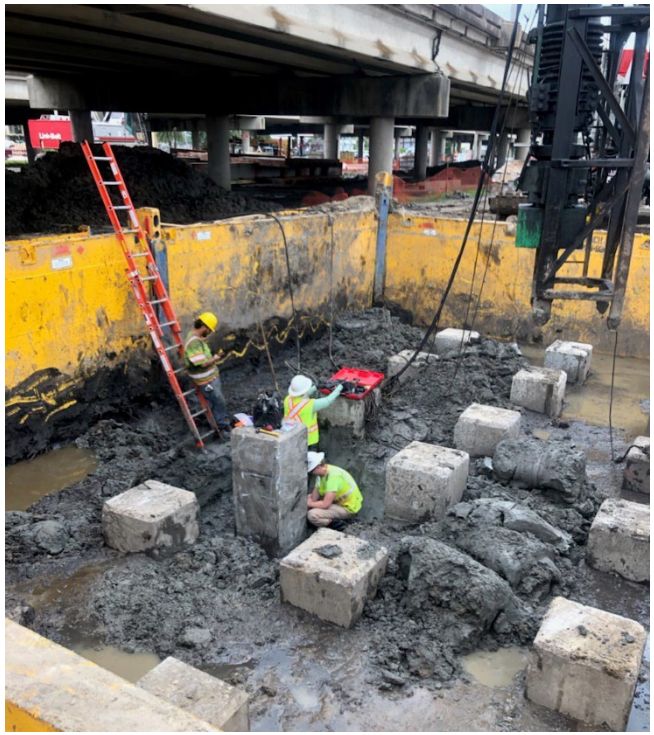
Team members: James Aronstein, Larry Sant, Jamie McLeod

Firm name	GeoEngineers, Inc.		Discipline(s)*	Geotech	
Project name	**Loyola Drive/I-10 Interchange to New Airport Terminal Design Build**		Firm responsibility (prime or sub?)	Sub	
Project number	H.011670	Owner's name	Louisiana Department of Transportation and Development		
Project location	Jefferson Parish, Louisiana		Owner's Project Manager	Tim Nickel, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225.379.1110, Timothy.Nickel@la.gov				
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost ($1,000's)		~$125,000	
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm ($1,000's)		$1,100	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GeoEngineers completed the geotechnical exploration, testing, and engineering for this high-profile design build project that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. The pre-existing I-10 interchange was a multi-level, controlled-access interchange consisting of two overpass bridges. The LANOIA Airport had plans to build a new terminal and subsequently move the I-10 exit from Williams Boulevard to Loyola Drive. To do this, LA DOTD hired a design-build team to:

- Modify the existing ramps and construct a new multi-level interchange, including two one-way elevated flyovers and a diverging diamond on at-grade interchange Loyola Drive.
- Add auxiliary lanes along I-10, including over Duncan Canal.
- Construct noise barriers at various locations throughout the project corridor.
- Upgrade Loyola Drive north and south of I-10 and tie it into the LANOIA corridor Airport Access Road.
- Improve drainage and lighting, relocate utilities, and provide pier protection.



As part of the design build procurement process, GeoEngineers developed a preliminary subsurface conditions evaluation describing local geology, available geotechnical information, and plotted preliminary design standards to help refine the team's design approach. GeoEngineers worked with the contractor and design team to provide the geotechnical investigations, analyses, design, and construction (provided PDA/CAPWAP evaluation of the piles during installation). Our design services included providing foundation, embankment, pile, and pavement design recommendations.

Team members: James Aronstein, Larry Sant, Anthony (Chien-An) Ju, Denzel Flores, Jamie McLeod, Dustin Blanchard, Kyle Kilfian

Firm name	GeoEngineers, Inc.		Discipline(s)*	Geotech	
Project name	**Jimmie Davis Bridge Prelim Explorations**			Firm responsibility (prime or sub?)	Prime
Project number	H.001779	Owner's name	Louisiana Department of Transportation and Development		
Project location	Caddo and Bossier Parishes		Owner's Project Manager	Kristy Smith, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225.379.1387, Kristy.Smith@la.gov				
Services commenced by this firm (mm/yy)	10/21	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm ($1,000's)		$902	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GeoEngineers completed the fast-tracked preliminary geotechnical exploration and testing for this high-profile design-build project in preparation for the replacement of the Jimmie Davis Bridge over the Red River, along LA 511 in Bossier City, Louisiana. Our services for this task order included:

- 38 soil borings, including:
  - 29 deep borings in the bridge areas to 120-ft with truckmounted rig
  - 3 deep borings in the Red River channel to 150-ft from barge-mounted rig
  - 3 deep borings in the Red River wooded shoreline area to 150-ft with marsh buggy
  - 3 roadway borings to 8-ft with truck-mounted rig
- Laboratory testing of 75% of cohesive samples (strength and limits)
- Laboratory testing of non-cohesive samples (gradation)
- Consolidation laboratory testing
- Permits from both Caddo and Bossier Levee Districts
- Traffic control
- DOTD-style gINT boring logs on plan sheets

Team members: James Aronstein, Larry Sant, Kyle Kilfian, Jamie McLeod, and Denzel Flores

Firm name	GeoEngineers, Inc.		Discipline(s)	Geotech	
Project name	**I-10 Bridge Replacement: Texas State Line to Coon Gully**			Firm responsibility (prime or sub?)	Prime
Project number	H.003184	Owner's name	Louisiana Department of Transportation and Development		
Project location	Calcasieu Parish, Louisiana		Owner's Project Manager	Kristy Smith, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225.379.1387, Kristy.Smith@la.gov				
Services commenced by this firm (mm/yy)	06/18		Total consultant contract cost ($1,000's)		N/A
Services completed by this firm (mm/yy)	04/19		Cost of consultant services provided by this firm ($1,000's)		$331

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GeoEngineers completed the field investigation and testing for this project through our current retainer contract to replace five bridges along I-10 between the Texas state line and Coon Gully near Vinton, Louisiana. Our services for this task order included:

- 21 soil borings, including:
  - 10 deep borings in the bridge areas along I-10 to 120-ft with truck-mounted rig
  - 1 deep boring in the Vinton Canal to 120-ft from pontoon-mounted rig
  - 10 deep borings in the Sabine River Relief wooded area to 120-ft with ATV-mounted rig
  - Laboratory testing of 75% of cohesive samples (strength and limits)
- Laboratory testing of non-cohesive samples (gradation)
- Consolidation laboratory testing
- Traffic control on I-10
- DOTD-style gINT boring logs on plan sheets

Team members: James Aronstein, Larry Sant, Jamie McLeod, and Denzel Flores

Firm name	Adaptive Management and Engineering, LLC		Discipline(s)*	Geotech	
Project name	**Proposed Pavement Expansion for the Highland Road at Siegen Lane/Burbank Drive Intersection**		Firm responsibility (prime or sub?)	Sub	
Project number	20-CP-HC-0004	Owner's name	City of Baton Rouge and Parish of East Baton Rouge		
Project location	Baton Rouge, LA		Owner's Project Manager	Seneca Toussant, P.E.	
Owner's address, phone, email	343 Third Street, Suite 511B, 225-960-1160; stoussant@laterre-eng.com (Design Team Contact)				
Services commenced by this firm (mm/yy)	01/20	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm ($1,000's)		$25	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The project consists of several options to increase turn lanes, increase storage lengths, and provide additional capacity through the Highland Road and Siegen Lane/Burbank Drive intersection. Mr. McKinney coordinated and oversaw the field exploration for the project, which included 8 soil borings and a hand auger. Field exploration was completed on the existing pavement by Mr. McKinney, which required traffic control. Mr. Tammineni provided pavement design recommendations for the proposed pavement expansions. Mr. Tammineni coordinated all aspects of the project including, but not limited to preparation of the proposal for the project, discussion/coordination with the design team, obtaining DOTD permit, executing field exploration program, assigning laboratory tests, performing pavement analyses, and preparing the geotechnical report that has been reviewed and accepted by the design team.

Firm name	Adaptive Management and Engineering, LLC		Discipline(s)*	Geotech	
Project name	**LA 561 Bridge Replacement over Boeuf River near Herbert**			Firm responsibility (prime or sub?)	Sub
Project number	H.001970	Owner's name	LADOTD		
Project location	Baton Rouge, LA		Owner's Project Manager	Larry Sant, P.E. (GeoEngineers)	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; LSant@geoengineers.com (Prime Contact)				
Services commenced by this firm (mm/yy)	03/24		Total consultant contract cost ($1,000's)		N/A
Services completed by this firm (mm/yy)	06/24		Cost of consultant services provided by this firm ($1,000's)		$25

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The Louisiana Department of Transportation and Development (LADOTD) is performing engineering and design for the replacement of the Route LA 561 bridge over the Boeuf River in Herbert, Louisiana. GeoEngineers was requested to perform the geotechnical exploration and laboratory testing services. As part of the GeoEngineers team, AME is currently performing a full suite of laboratory testing services for the project, per DOTD requirements.

Justin Ator and Stephannie Campbell are overseeing the testing and QA/QC for the project. A laboratory summary will be provided for LADOTD after overall review from Mr. Mattson and Mr. Tammineni.

Geotechnical Laboratory Testing

- Standard Classification of Soils in general accordance with ASTM International (ASTM) D2488 up to 200 samples
- Gradation of soils (ASTM D422) up to 200 samples
- Moisture content determination (ASTM D2216) up to 50 samples
- Atterberg limits determination (ASTM D4318) up to 150 samples
- Compressive strength determination (ASTM D2166/D2850) up to 150 samples
- Consolidation Test with rebound (ASTM D2435) up to 8 samples; and
- Specific gravity (ASTM D792) up to 8 samples
- QA/QC of laboratory data
- Lab summary of results

This project was completed on time and within budget.

Firm name	Adaptive Management and Engineering, LLC		Discipline(s)*	Geotech	
Project name	**Various Projects as Sub on LADOTD IDIQ for Geotechnical Services**		Firm responsibility (prime or sub?)	sub	
Project number	Varies	Owner's name	LADOTD		
Project location	Baton Rouge, LA		Owner's Project Manager	Varies	
Owner's address, phone, email	LADOTD				
Services commenced by this firm (mm/yy)	Varies	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	Varies	Cost of consultant services provided by this firm ($1,000's)		Varies	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

AME is a subconsultant to ECS, GeoEngineers, and Eustis on the current LADOTD Geotechnical Statewide IDIQ contract with the State of Louisiana. AME has received testing or has assisted with proposals on the following projects listed below:

- LA394 & LA110 Creek Bridges (Completed - $4,358)
- LA 1 Port Allen Canal (Completed - $12,270)
- Savanne Road over Hanson Canal (Completed - $6,616)
- H.014416-LA 3125 @ LA 3274 Roundabout (Proposed)
- H.014981-Hosston Road Over Kelly Bayou (Proposed)
- H.014989- Neff Lane Over Wind Creek (Proposed)
-

Geotechnical Laboratory Testing

- Sample extrusions and storage
- Standard Classification of Soils in general accordance with ASTM International (ASTM) D2488
- Gradation of soils (ASTM D422)
- Moisture content determination (ASTM D2216)
- Atterberg limits determination (ASTM D4318)
- Compressive strength determination (ASTM D2166/D2850)
- Consolidation Test with rebound (ASTM D2435)
- Specific gravity (ASTM D792)
- QA/QC of laboratory data – Performed by Mr. Ator and Ms. Campbell
- Laboratory summary of results – Checked by Mr. Tammineni, Mr. Mattson.

18. <u>Approach and Methodology:</u>

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. **If more than four pages are included, all pages after the fourth page will not be evaluated**.

If the consultant has information it believes is proprietary, label it accordingly.

GeoEngineers, Inc. is a long-established Baton Rouge geotechnical engineering firm that has been drilling and providing geotechnical services in Louisiana since the 1960s. Through this experience, our Baton Rouge-based team of over 40 staff brings tremendous understanding of the local and state conditions anticipated on LA DOTD projects. GeoEngineers' Baton Rouge office will perform the work with occasional support from our additional 450+ staff throughout the company, as needed. With a long, successful history of working collaboratively with LA DOTD on dozens of projects, including through the geotechnical retainer contract, we will continue to provide you with:

- **A commitment to and culture of safety.** GeoEngineers understands the importance of safety. We annually renew our commitment to safety through our company-wide program, Home Safe Every Day, which starts with the important belief that all injuries and occupational illnesses can be prevented. By doing so, each of GeoEngineers' employees, our clients and team members we work with can go Home Safe Every Day.

- **Local tenured technical experts and resources.** Our Baton Rouge-based team has the geotechnical expertise from field to lab to engineering analysis that you require for transportation projects. We have completed hundreds of road and bridge geotechnical projects throughout Louisiana, providing us an in-depth understanding of the geologic and geotechnical conditions across the state.

- **In-House equipment**. Our in-house resources include three drill rigs, one truck-mounted rig, one ATV-mounted rig, one track-mounted rig and a soil mechanics laboratory, all backed by more than 450 staff firmwide. Because we have these resources and staff, we can schedule staff and equipment for your projects, helping get projects going without delays.

- **Historic geotechnical database.** We have extensive in-house expertise resources and a geologic, hydrogeologic and geotechnical database for the State of Louisiana stemming from subsurface explorations from the last 55 years. Our resources and expertise enable us to be very responsive to your needs, special requests and the demands of this contract.

- **A plan to meet the Work Zone Training requirements.** We plan to meet the Work Zone Training Requirements utilizing staff in our Baton Rouge office who have received the required training.

- **A history of finding successful geotechnical solutions in the Gulf South.** We have been providing geotechnical services to the LA DOTD, Louisiana Department of Natural Resources (LA DNR), and the City of Baton Rouge as well as many energy and infrastructure companies

throughout the region for decades. From straightforward to challenging projects, our team anticipates and mitigates potential challenges, and is committed to advocating on behalf of LA DOTD during each project.

- **A focus on QA/QC.** GeoEngineers is committed to meeting or exceeding your expectations for professional quality, technical accuracy, and the timely completion and submission of project deliverables. We will submit a Quality Assurance/Quality Control Plan within 10 days of award of contract.

Geotechnical Approach and Methodology

All work will be performed in accordance with the requirements of the advertisement and the resulting contract and Task Orders. The exact geotechnical scope will be developed for shallow and deep borings in consultation with LADOTD along with the geotechnical design services required for each project.

We will make a site reconnaissance visit before equipment mobilization to evaluate weather conditions and compatibility with the site conditions at the locations you requested. At that time, we will make one-call notices. When we proceed with drilling operations, samples of cohesive or semi-cohesive material will be obtained using a 3-inch-diameter Shelby tube sampling barrel. Samples of cohesionless soils will be obtained using a split-spoon sampler in conjunction with Standard Penetration Tests (SPT) at 3-foot intervals for the first 10 feet of each cohesionless strata. Groundwater levels will be observed in one 24-hour reading and when present at shallow depths (<20-foot depth).

The boring logs and laboratory test results that will be submitted are the result of the efforts and knowledge of the engineer and must be prepared under the engineer's responsible charge. To fulfil this duty, we will be engaged and proactive throughout the entire process to lead our efforts so that we obtain specific data that is required for the bridge design. The engineer's involvement begins in the preparation of the scope and continues through the following efforts to obtain accurate and useful results to input in design:

1. Field Brief – Before mobilization of the drilling crew, the engineer will have some brief meetings with the field supervisor, who has visited the site and assessed safety and access, and to review the prepared drilling plan. This plan is then communicated to the drilling crew and logger, along with the boring location plan figure. High-quality and accurate boring logs begin with the quality of the field exploration and samples recovered, which is a direct result of the drilling crew and logger being properly briefed for the specific project needs.

2. Exploration – The engineer is available daily during field exploration to address questions or concerns that arise and provides guidance and feedback to the crew after review of each daily field report. Additionally, we can forward the daily field reports and field logs to LADOTD, if desired.

3. Laboratory – After samples are returned to the laboratory, while extrusion and testing are performed, the engineer is consulted for guidance about preliminary classification and which testing assignments are needed based on the composition of the soil extruded. The engineer then reviews the developed plan for testing the selected soil samples and is consulted during testing to revise the plan as needed based on real-time updates and the specific data required for the bridge design.

4. Boring Logs – Laboratory test results are input into LADOTD gINT boring logs, and the engineer reviews the testing results, the entries, and the overall stratigraphy of the subsurface based on experience and judgement. The logs are then completed based on the engineers' edits.

5. Seal – The final logs are then completed based on the owners' edits, after discussion and agreement. The engineer is then able to stamp the final boring logs, having been responsible for their generation from before sample collection through final reporting. This last portion of 'responsible charge' includes developing a letter report to submit with the final logs and laboratory test results.

Because the engineer will be engaged and proactive throughout the entire process, we will obtain the specific data that is required, accurate and useful, which results in a more optimized design. GeoEngineers is fully capable of completing any requested geotechnical design. In addition to our decades of experience in the Gulf South we also have expertise geotechnical resources to complete any design that may be needed.

For this IDIQ we plan to establish regular check points with the project team for each individual task order to ensure the schedule is maintained. This project managment process will be implemented to ensure the schedule is maintained and deadlines met as requested for each individual task order. A similar check point system has been established for regular invoicing submittals to ensure consistent and timely invoicing.

We have developed a Quality Assurance/Quality Control (QA/QC) program in order to provide a mechanism by which all deliverables will be subject to a systematic and consistent review. All work and deliverables will be developed and reviewed in accordance with the QA/QC program. This will ensure quality deliverables that adhere to established DOTD policies, procedures, standards and guidelines. Any deliverables will be transmitted with a DOTD QA/QC Checklist, and a certification that the deliverables meet DOTD's quality standards.

Subconsultants

AME will be utilized for geotechnical laboratory testing support.

AME - AME is an SEDBE, DBE, 8a certified, MBE and Hudson Initiative firm located in Baton Rouge, Louisiana. Their firm license number is EF.0006701. AME provides geotechnical, instrumentation, construction monitoring, and coastal services to various public and private sector clients. Their personnel have considerable experience working in the soft fine-grained soils of southern Louisiana, including coastal, alluvial, and Pleistocene soils. They have two full-service AASHTO accredited geotechnical laboratories (Baton Rouge and Youngsville), offering full suite of laboratory soil testing services including but not limited to soil extruding, classification testing, strength testing, specialized testing (consolidation, permeability, miniature vane, and other tests), etc. AME's Baton Rouge laboratory is also LELAP accredited.

Firm Experience

GeoEngineers has been awarded more than six retainer contracts with the LA DOTD since 1993. In addition, we have worked on over 100 other LA DOTD contracts for road and bridge projects over the years and provided geotechnical investigations for more than 200 bridges in Louisiana.

The **map to the right** shows all parishes where GeoEngineers has performed LA DOTD work— most of the work in the highlighted parishes are bridge replacements. Importantly, the drilling, laboratory and engineering staff who have worked on these numerous transportation projects are still working from GeoEngineers' Baton Rouge office. With the depth of technical expertise and breadth of staff resources, GeoEngineers has been a trusted partner for geotechnical engineering services to state Departments of Transportation across the country and sought-after teaming partners for complex projects. A snapshot of some of the LA DOTD projects GeoEngineers has worked on are described in detail in previous sections, and a further list of projects is provided below. This experience gives a thorough understanding of the best way we can provide our services to anticipate and advocate for LA DOTD, including Louisiana-specific requirements and how federal requirements influence LA DOTD projects. In addition to LA DOTD, we have worked on projects small to large for Departments of Transportation (DOTs) for Washington, Oregon, Idaho, Utah, Missouri, Massachusetts, and South Carolina. This national experience provides our team with a unique perspective on developing solutions that address short and longterm transportation infrastructure challenges DOTs face.

Why GeoEngineers?

We are excited for the opportunity to continue to collaborate with LA DOTD, bringing:

- Tenured, LA DOTD-experienced staff to meet the project needs anticipated under this contract.
- Local, accessible team just 11 miles from the LA DOTD to our Baton Rouge office, enabling us to meet with LA DOTD staff on short notice.
- Specialized in-house equipment, preventing the need for equipment subcontractors, and allowing us to schedule our geotechnical investigations quickly and within your schedule.
- Capacity to complete multiple task orders with varying timelines.
- A unified commitment to safety, where our team is committed to anticipating and preparing for any circumstances, so we go Home Safe Every Day.

We want to continue working with you to creatively solve the transportation challenges of today and tomorrow.

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
GeoEngineers	Geotech	4400019012; H.001970.5	LA 561 Boeuf River Bridge near Hebert Phase 2	$100,884
GeoEngineers	Geotech	N/A; H.003931	P3 I-10 Calcasieu River Bridge Geotechnical	$2,317,964
GeoEngineers	Geotech	4400019012; H.014981.5	Hosston Road Over Kelly Bayou	$ 56,246
GeoEngineers	Geotech	4400019012; H.014416.5	LA 3125 @LA 3274 Roundabout	$7,037
GeoEngineers	Geotech	4400019012; H.014994.5	Bonne Idee Rd Bridge Geotechnical Explorations &	$17,371
GeoEngineers	Geotech	4400019012; H.014985.5	Spring Bayou Rd over Bayou Spring Bridge	$ 45,855
AME	Geotech	N/A	N/A	N/A

(Add rows as needed) DO NOT SUM

*** The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.** If a firm has more than one discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: **ALL** FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank**.

See the following pages for prime and subconsultants certifications/licenses.

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that

GeoEngineers, Inc.

has complied with the regulation of this Board and is authorized to provide or to offer to provide engineering services in the State of Louisiana contingent upon payment of the annual renewal fee.

Baton Rouge, Louisiana · 06/27/2007

Chairman

Secretary

License Number 3700

AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

GeoEngineers, Inc.

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

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 08/14/2025 at 4:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

GeoEngineers, Inc.

in Baton Rouge, Louisiana, USA

Quality Management System

Standard:	Accredited Since:
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	02/09/2012

This certificate was generated on 08/14/2025 at 4:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

GeoEngineers, Inc.

in Baton Rouge, Louisiana, USA

Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/20/2012
D422 Particle Size Analysis of Soils by Hydrometer	12/20/2012
D854 Specific Gravity of Soils	12/20/2012
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/09/2012
D2166 Unconfined Compressive Strength of Cohesive Soil	12/20/2012
D2216 Laboratory Determination of Moisture Content of Soils	12/20/2012
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/20/2012
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/09/2012
D2488 Description and Identification of Soils (Visual-Manual Procedure)	02/09/2012
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/20/2012
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/20/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/20/2012
D4318 Plastic Limit of Soils (Atterberg Limits)	12/20/2012
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	06/01/2016

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/31/2025 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Larry Dean Sant
15635 Malvern Hill
Baton Rouge, Louisiana 70817

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LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Larry Dean Sant

License/Certificate Type - Number

PE.0035625

Status: Active Exp Date: 09/30/2026

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/31/2025 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Brenda Novoa
17460 Cherry Creek Drive
Prairieville, Louisiana 70769

Cut Here

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Brenda Novoa

License/Certificate Type - Number

PE.0033665

Status: Active Exp Date: 03/31/2026

Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/31/2025 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. James M. Aronstein Jr.
11955 Lakeland Park Boulevard, Suite 100
Baton Rouge, Louisiana 70809-4217

Cut Here

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. James M. Aronstein Jr.

License/Certificate Type - Number

PLS.0000458

Status: Active Exp Date: 03/31/2027

Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

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Mr. James M. Aronstein Jr.
11955 Lakeland Park Boulevard, Suite 100
Baton Rouge, Louisiana 70809-4217

Cut Here

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. James M. Aronstein Jr.

License/Certificate Type - Number

PE.0011794

Status: Active Exp Date: 03/31/2027

Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/31/2025 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Jennifer E. Aguettant
4624 Woodlake Drive
Baton Rouge, Louisiana 70817-1926

Cut Here

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Jennifer E. Aguettant

License/Certificate Type - Number

PE.0035077

Status: Active Exp Date: 03/31/2026

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/11/2025 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. David Stephen Eley
4399 Chelsea Drive
Baton Rouge, Louisiana 70809

Cut Here

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. David Stephen Eley

License/Certificate Type - Number

PE.0026373

Status: Active Exp Date: 09/30/2025

Fold Here

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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Page:	Updated on:	Matches:
1	8-10-2025	1

ELEY, DAVID STEPHEN **PE# 92444**

Status	Branch(s)	Granted	Expires	Employer(s)
Active	Civil,	11-17-2003	09-30-2025	GeoEngineers

Please print this page and cut out the pocket card below.
print . . . close

PE LS
Texas Board of Professional Engineers and Land Surveyors

Number: **149942**
Status: **ACTIVE**
Expires: **6/30/2026**

DENZEL NADJEE FLORES CUBILLAS

TEXAS LICENSED PROFESSIONAL ENGINEER

Signature

Page: 1

Updated on: 8-13-2025

CHU, RUOFAN **PE# 141968**

Status	Branch(s)	Granted	Expires
Active	Civil,	08-03-2021	06-30-2026

State Board Of Licensure for Professional Engineers and Professional Surveyors Roster

Print

King Chin

Employer:

Address:
2642 W Lake Sammamish Pkwy Ne
Redmond, WA 98052-5915

PE PDH Carry Over Hours: 30.0

Professional Engineer License Information

PE License Number: 17742
PE License Issue Date: 06/13/2017
PE License Expiration Date: 12/31/2026
PE Disciplinary Action: No

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

ISSUANCE DATE

AUGUST 16, 2012

EXPIRATION DATE

DECEMBER 31, 2026

CURRENT DATE / TIME

AUGUST 11, 2025
1:37:2 PM

LICENSING DETAILS FOR: 80359

NAME: CHIN, KING

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

2642 W LK SAMMAMISH PKWY
REDMOND WA 98052
OUT OF STATE COUNTY

MAP

Kentucky Board of Engineers & Land Surveyors

Search for Kentucky Licensees

Name: King Chin

Professional Engineer: Number: 32732
Status: Current
Issue Date: 05/31/2017
Expiration Date: 06/30/2027

Professional Land Surveyor:

Address of Record: GeoEngineers, Inc.
17425 NE Union Hill Road, Suite 250
Redmond, WA 98052

Responsible Charge For: Responsible Charge For:

LegalName	
Select	GEOENGINEERS, INC.

Disciplinary Action?:

Print this page

Board: Engineers and Land Surveyors

KING HONG CHIN
17425 NE UNION HILL ROAD, SUITE 250
REDMOND, WA 98052

Business Name: GeoEngineers Inc
Business Phone: (425)861-6098
License number: 32617
License type: Engineering

Classification(s)
ENGINEER CATEGORY A

Status: Active
First Issue Date: 07/17/2015
Expiration: 06/30/2026

Supervises
GEOENGINEERS INC

Board Public Action History:
View Orders View Other License for this Person
No Orders Found

File a Complaint against this licensee

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kyle Kilfian

has attended

Traffic Control Technician-LA State Specific

Training Course

10/5/2021 to 10/5/2025
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kyle Kilfian

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

10/8/2021 to 10/8/2025
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jammie McLeod

has attended

Traffic Control Technician-LA State Specific

Training Course

10/5/2021 to 10/5/2025
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

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ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jammie McLeod

has attended

Traffic Control Supervisor-LA State Specific

Training Course

10/6/2021 to 10/7/2025
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Chien-An Ju

has attended

Louisiana Traffic Control Technician

Training Course

11/7/2023 to 11/7/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Chien-An Ju

has attended

Louisiana Traffic Control Supervisor

Training Course

11/8/2023 to 11/8/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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ATSSA

American Traffic Safety Services Association ATSSA.com

AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Adaptive Management and Engineering, LLC

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

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 08/14/2025 at 5:13 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Adaptive Management and Engineering, LLC

in Baton Rouge, Louisiana, USA

Quality Management System

Standard:	Accredited Since:
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/01/2021

This certificate was generated on 08/14/2025 at 5:13 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Adaptive Management and Engineering, LLC

in Baton Rouge, Louisiana, USA

Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/01/2021
D422 Particle Size Analysis of Soils by Hydrometer	12/01/2021
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/01/2021
D854 Specific Gravity of Soils	12/01/2021
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/01/2021
D2166 Unconfined Compressive Strength of Cohesive Soil	12/01/2021
D2216 Laboratory Determination of Moisture Content of Soils	12/01/2021
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/01/2021
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	12/01/2021
D2488 Description and Identification of Soils (Visual-Manual Procedure)	12/01/2021
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/01/2021
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/01/2021
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/01/2021
D4318 Plastic Limit of Soils (Atterberg Limits)	12/01/2021
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	12/01/2021
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	05/31/2024
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	12/01/2021
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	12/01/2021

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)

Adaptive Management & Engineering, LLC

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

NC541330, NC541380

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

Certificate Eligibility: February 2025 to February 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.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Venu Tammineni

has attended

Louisiana Traffic Control Technician

Training Course

9/5/2023 to 9/5/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Gregory Mattson II

has attended

Louisiana Traffic Control Technician

Training Course

9/5/2023 to 9/5/2027
Training Valid Through

Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Michael McKinney

has attended

Louisiana Traffic Control Supervisor Refresher

Training Course

9/8/2023 to 9/8/2027
Training Valid Through

Baton Rouge, LA
Location

Donna M. Clark
Vice President of Education and Technical Services

Adam Tetschner
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

TRACE MCBRIDE

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/14/2024

Exp. Date 2/14/2028

State Issued LA

Debbie Purcella

Instructor Name

Debbie Purcella

Instructor Signature

V0000288517

Verify at Flagger.com

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

ADAPTIVE MANAGEMENT ENGINEERING

Michael McKinney

has been licensed to drill environmental 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 ***14th*** day of ***July*** , ***2025***

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

License No. WWC- ***# 867***

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted**.

[redacted]

22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

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**
Adaptive Management and Engineering, LLC	11429 Pennywood Avenue Baton Rouge, LA 70809	Venu Tammineni, PE venu@amesouth.com	225.424.7869

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement**.