

LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

**IDIQ CONTRACTS FOR GEOTECHNICAL SERVICES STATE WIDE**  
**44400024650, 4400024651, 4400024652, 4400024653, 4400024654,**  
**4400024655, 4400024656, AND 4400024657**



Engineering  
and Testing

**1645 Nicholson Drive**  
**Baton Rouge, Louisiana**

June 27<sup>th</sup>, 2022

# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised March 1, 2022)

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.

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

1. Contract title as shown in the advertisement	IDIQ CONTRACTS FOR GEOTECHNICAL SERVICES STATEWIDE
2. Contract number(s) as shown in the advertisement	4400024650, 4400024651, 4400024652, 4400024653, 4400024654, 4400024655, 4400024656 AND 4400024657
3. State Project Number(s), if shown in the advertisement	NONE
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	A P S Engineering and Testing, LLC
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.5198
6. Prime consultant mailing address	5261 Highland Rd #320, Baton Rouge, Louisiana 70808
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1645 Nicholson Drive, Baton Rouge, Louisiana 70802
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Sergio Aviles, P.E. – Geotechnical Manager P.225-281-1917, Sergio@aps-testing.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Sergio Aviles, P.E. – Geotechnical Manager P.225-281-1917, Sergio@aps-testing.com
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.

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.

Signature (shall be the same person as #9):



Sergio Aviles

Date: 06/27/2022

Firm(s): A P S Engineering and Testing, LLC  
Firm(s)' %: 100% as A P S Engineering and Testing, LLC is a certified DBE company by DOTD Louisiana Unified Certification Program (2% per advertisement).

## **12. Past Performance Evaluation Discipline Table:**

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for **each past performance evaluation discipline**, as well as the overall total percent of the contract.

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

Evaluation Discipline(s)	% of Overall Contract	Prime	Each Discipline must total to 100%
GEOTECH	100%	A P S Engineering and Testing, LLC	100%
Identify the percentage of work for the <b><u>overall contract</u></b> to be performed by the prime consultant and each sub-consultant.			
Percent of Contract	100%		100%

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf). (same link as in the advertisement)

**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 (xxxx)" 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](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)
A P S	Engineer	3	3
A P S	Engineer Intern	3	3
A P S	Driller	8	8
A P S	Technician	12	12
A P S	Clerical	2	2

(Add rows as needed)

#### **14. Organizational Chart:**

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.



**A P S Engineering and Testing, LLC**

Sergio Aviles, P.E. -President  
Geotechnical Manager

**ADMINISTRATION**

Alicia Breaux Mathews

**DRILLING**

Van George-Head Driller

**LABORATORY**

Sairam Eddanapudi, M.E., P.E.-QA  
Donna Easterling-Manager  
Joseph Layton-Manager

**ENGINEERING**

Sairam (Sai) Eddanapudi, M.E., P.E.  
Surendra Pathak, M.S., P.E.  
Anita Pant, Ph.D

**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.

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 / certification & number	State of license	License / certification expiration date
1	Sergio Aviles, P.E.	A P S Engineering and Testing, LLC	PE.0033571	LA	03/31/2024
2	Sergio Aviles, P.E.	A P S Engineering and Testing, LLC	PE.0033571	LA	03/31/2024
3	Sergio Aviles, P.E.	A P S Engineering and Testing, LLC	PE.0033571	LA	03/31/2024
4	Sairam (Sai) Eddanapudi, P.E.	A P S Engineering and Testing, LLC	PE.0035129	LA	03/31/2024
4	Donna Easterling Joseph Layton	A P S Engineering and Testing, LLC A P S Engineering and Testing, LLC	N/A NICET III	LA	N/A 07/01/2023
5	Van George	A P S Engineering and Testing, LLC	N/A	N/A	N/A

(Add rows as needed)



**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 should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by:	<b>A P S Engineering and Testing, LLC</b>		
Name	<b>Sergio Aviles, P.E.</b>	Years of experience with this firm/employer	<b>10</b>
Title	<b>PRESIDENT</b>	Years of experience with other firm(s)/employer(s)	<b>10</b>
Degree(s) / Years / Specialization	<b>BS Civil Engineering/2001/Geotechnical</b>		
Active registration number / state / expiration date	<b>0033571/ LA / 03-31-2024</b>		
Year registered	<b>2007</b>	Discipline	<b>Civil</b>
Contract role(s) / brief description of responsibilities	<b>Project Manager/Design guidance/Field Crew and lab management</b>		
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 time specified in the applicable MPR(s).		
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigation.		
08/16-10/16	<b>Project No. H.012422: I-10/I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 100 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigation.		
11/17-2/18	<b>Project No. H.013193 US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as Unconsolidated Undrained, natural moisture contents, liquid and plastic limits, unit weight, and grain-size analyses. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.		
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.		
11/19-12/20	<b>Project No. H.001352 and H.002273 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was selected as part of the winning the Geotechnical Investigation and Design for the proposed structures over the diversion Canal. A P S was the Geotechnical Engineers of Record. Mr. Aviles was the project manager for the project		

	design team.
03/19-05/19	<b>Project No. H.001344 US 190 over Bogue Falaya River-</b> A P S was selected as part of the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager for the project design team.
12/19-3/20	<b>Project No. H.010155 US 90 Railroad Overpass SE of LA 85-</b> A P S was selected as part of the winning the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager for the project design team.
02/17-10/17	<b>Project No. H.002861 Earhart Expressway/Causeway Boulevard:</b> A P S was tasked with developing the LRFD resistance factors for both existing structures and the new elevated sections to connect to Causeway Blvd. A P S drilled and tested 85 borings to 120 feet near the proposed and existing structures. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. A P S provided the designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load-length curves. Mr. Aviles was the project manager for the Geotechnical investigations and analysis assigned to help calculating the resistance factors.
07/14-08/14	<b>Project No. 700-51-0110:</b> US 90 elevated portions for the future I-49 corridor. APS performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 boring and 11 CPT, along with all the testing required by DOTD. Mr. Aviles was the project manager to the Geotechnical investigations and analysis as assigned for roads and bridges design.
5/1/12-10/19	<b>Project No. N/A: City of New Orleans Road to Recovery:</b> Construction management, Engineering support, technical assistance, and resources needed to meet all established federal and state for the city roadways reconstruction. Mr. Aviles is the project manager to the Touro subdivision roadways reconstruction a \$900k construction fee project.
05/01-11/05	<p><b>Project No. N/A:</b> Representative Geotechnical Engineering, testing, and Inspection Project Experience/Training with DOTD Section 67: Mr. Aviles contributed to the design of DOTD projects, which included pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP), Drilled Shaft design, MSE wall design, and construction supervision.</p> <p><b><u>TRAINING:</u></b></p> <ul style="list-style-type: none"> <li>• NHI certifications Courses: Design &amp; Implementation of Erosion &amp; Sediment Control, Driven Pile Foundation Inspection and Design, Drilled Shaft Inspection, Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, and Design of Drilled Shafts Foundation.</li> <li>• Pile Dynamic Analysis (PDA), WEAP, &amp; CAPWAP</li> <li>• WorkZone Traffic Control Supervisor, Technician, and Flagger Certifications</li> </ul>

Firm employed by: A P S Engineering and Testing, LLC					
Name	Sairam (Sai) Eddanapudi, M.E., P.E.			Years of experience with this firm/employer	10
Title	CHIEF ENGINEER			Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization		ME, Civil Engineering, Lamar University, Dec. 2002 BE, Civil Engineering, Sri Venkateswara University, India Aug. 1999			
Active registration number / state / expiration date		0035129/ LA / 03-31-2024			
Year registered	2008	Discipline	Civil		
Contract role(s) / brief description of responsibilities		Will be in charge all daily operation of the project/QA/Design Engineer			
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 time specified in the applicable MPR(s).				
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was the project QA to the Geotechnical Investigations.				
08/16-10/16	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 100 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was QA to the Geotechnical Investigations.				
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was QA to the Geotechnical Investigations.				
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was QA to the Geotechnical Investigations.				
11/19-12/20	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was selected as part of the winning the Geotechnical Investigation and Design for the proposed structures over the diversion Canal. A P S was the Geotechnical Engineers of Record. A P S was the Geotechnical Engineers of Record. Mr. Sai was the Senior Design Engineer for the project design team.				

03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was the Senior Design Engineer for the project design team.
12/19-3/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai is the Senior Design Engineer for the project design team.
02/17-10/17	<b>Project No. H.002861: Earhart Expressway/Causeway Boulevard:</b> APS was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. APS engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load-length curves. Mr. Sai was the Senior Design Engineer for the project design team for Geotechnical investigations and analysis assigned to help calculating the resistance factors.
01/03-04/11	<p><b>Project No. N/A: Audubon Cable Span Bridge, St. Francisville, LA:</b> The John James Audubon Bridge project is a new Mississippi River crossing between Pointe Coupee and West Feliciana parishes in south central Louisiana. The bridge proposed to be the longest cable-stayed bridge in North America, will replace an existing ferry between the communities of New Roads and St. Francisville. The bridge will also serve as the only bridge structure on the Mississippi River between Natchez, Mississippi and Baton Rouge, Louisiana (approximately 90 river miles). Sairam was part of the field and design Geotechnical investigation of this project.</p> <p><b>Project No. N/A: Highway 171 project, Deridder to Lake Charles, and Interstate 10, Sulphur, LA to Beaumont TX:</b> Mr. Sai performed Quality Control Inspection and field laboratory tests on the soil samples.</p> <p><b>Computer Skills</b> Software Packages: Slope/w (2004 and 2007 versions) for slope stability analyses, Seep/w for seepage analyses, Driven 1.2 (for driven piles), CWALSHT and FS004 (USACE method) for slope stability analyses, Swell Potential (for expansive soils), Drill Shaft Design software, Augercast pile design Analysis, AASHTO pavement analysis, DIV-R (USACE method) and CSETT for Settlement Analyses.</p>



Firm employed by: <b>A P S Engineering and Testing, LLC</b>			
Name	<b>Mr. Surendra Raj Pathak, M.S., P.E.</b>		Years of experience with this firm/employer <b>9</b>
Title	<b>STAFF ENGINEER</b>		Years of experience with other firm(s)/employer(s) <b>10</b>
Degree(s) / Years / Specialization		<b>MSCE (Master of Science in Civil Engineering), Mississippi State University, Starkville, Mississippi, 2013</b> <b>M. Sc. Master of Science in Civil Engineering, Norwegian University of Science and Technology, Trondheim, Norway, 2007 B.E. (Civil Engineering), Madan Mohan Malaviya University of Technology, India, 1998</b>	
Active registration number / state / expiration date		<b>0043487/ LA / 09-31-2023</b>	
Year registered	<b>2019</b>	Discipline	<b>Civil</b>
Contract role(s) / brief description of responsibilities		<b>Staff Engineer-Review field logs, lab data, and Design Engineer</b>	
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 time specified in the applicable MPR(s).		
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for project design.		
08/16-10/16	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 100 Triaxial Compression tests (Unconsolidated Drained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations.		
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations.		
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing		

	was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations
11/19-12/20	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge</b> LA 67 and LA 19- A P S was selected with the winning team for the design of the diversion CMAR project. A P S was the Geotechnical Engineers of Record. Mr. Surendra is a design Engineer for the project design team.
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for project design.
12/19-3/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for project design.
07/14-08/14	<b>Project No. 700-51-0110:</b> US 90 elevated portion for the future I-49 corridor. A P S performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 boring and 11 CPT along with all the testing required by LADOTD. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for roads and bridges design.
03/13-06/13	<b>Project No. N/A:</b> Bridge replacement project on Wax Road in Livingston Parish OFFSYSTEM. The scope of included Soil borings two (2) borings required, one at each bridge end, (Borings depth to be 100 feet), laboratory testing to determine relevant soil properties, and Engineering analysis and report – Provide boring logs, information on site conditions, site preparation recommendations, and load-length curves. Load-length curves to be in LRFD format. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for project design.

Firm employed by:		A P S Engineering and Testing, LLC	
Name	Anita Pant, Ph.D.	Years of experience with this firm/employer	2.5
Title	ENVIRONMENTAL PRO	Years of experience with other firm(s)/employer(s)	12
Degree(s) / Years / Specialization		Ph.D-University of Louisiana at Lafayette, Louisiana, 2020 Masters in Environmental Science- Tribhuvan University, Nepal, 2007	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Staff Soil Environmental-Review field logs, lab data, gINT CADD	
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 time specified in the applicable MPR(s).		
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Dr. Pant is A P S data analytics for our soil database in gINT.		



<b>Firm employed by:</b> A P S Engineering and Testing, LLC					
<b>Name</b>	<b>Donna Easterling</b>			<b>Years of experience with this firm/employer</b>	<b>6</b>
<b>Title</b>	<b>LABORATORY MANAGER</b>			<b>Years of experience with other firm(s)/employer(s)</b>	<b>3</b>
<b>Degree(s) / Years / Specialization</b>			<b>BA/2019/Environmental Sciences</b>		
<b>Active registration number / state / expiration date</b>			<b>N/A</b>		
<b>Year registered</b>	<b>N/A</b>		<b>Discipline</b>	<b>N/A</b>	
<b>Contract role(s) / brief description of responsibilities</b>			<b>Laboratory Manager-Supervising Testing during lab phase of the project</b>		
<b>Experience dates (mm/yy–mm/yy)</b>	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</b>				
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked through our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory Donna’s duties were supervising lab testing. Laboratory Manager				
08/16-10/16	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Donna’s duties were supervising lab testing.				
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Donna’s duties were supervising lab testing.				
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Donna’s duties were supervising lab testing. Laboratory Manager.				
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited				

	Laboratory. Donna's duties were supervising lab testing. Laboratory Manager.
02/17-10/17	<b>Project No. H.002861: Earhart Expressway/Causeway Boulevard:</b> A P S was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. A P S engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load-length curves. Donna's duties were supervising lab testing. Laboratory Manager.
12/14-2/17	<b>Miscellaneous Projects</b>  Donna has prepared laboratory testing for the following projects.  Proposed New Building for Mid-City Dialysis, Baton Rouge, LA Calumet Expansion for Calumet Lubricants Company, Shreveport, LA Yums restaurants around state.

Firm employed by: <b>A P S Engineering and Testing, LLC</b>			
Name	<b>Joseph Layton</b>		Years of experience with this firm/employer <b>3</b>
Title	<b>ASSISTANT LABORATORY MANAGER</b>		Years of experience with other firm(s)/employer(s) <b>3</b>
Degree(s) / Years / Specialization		<b>High School LSU- Engineering Fall of 2024 expected graduation</b>	
Active registration number / state / expiration date		<b>NICET III -Soils, 7/1/2023</b>	
Year registered	<b>N/A</b>	Discipline	<b>N/A</b>
Contract role(s) / brief description of responsibilities		<b>Laboratory Manager-Supervising Testing during lab phase of the project</b>	
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 time specified in the applicable MPR(s).		
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Joseph’s duties were supervising lab testing. Assistant Laboratory Manager.		
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Joseph’s duties were supervising lab testing. Assistant Laboratory Manager.		
12/19-3/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Joseph’s duties were supervising lab testing. Assistant Laboratory Manager.		
06/16-03/19	<b>Miscellaneous Projects</b> Yums restaurants around state. Urgent Care -Baton Rouge Port Allen Warehouse Joseph’s duties were supervising lab testing. Assistant Laboratory Manager		

Firm employed by: A P S Engineering and Testing, LLC				
Name	Van George		Years of experience with this firm/employer	8
Title	SENIOR DRILLER		Years of experience with other firm(s)/employer(s)	10
Degree(s) / Years / Specialization			High School	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Senior driller	
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 time specified in the applicable MPR(s).			
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Van George is the head driller for the Geotechnical Field Investigations.			
08/16-10/16	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.			
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.			
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.			
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-			

	size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.
12/19-1/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.
07/14-08/14	<b>Project No. 700-51-0110:</b> US 90 elevated portion for the future I-49 corridor. A P S performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 boring and 11 CPT along with all the testing required by LADOTD. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Van George was the head driller for the Geotechnical Field Investigations.
02/17-10/17	<b>Project No. H.002861: Earhart Expressway/Causeway Boulevard:</b> A P S was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. A P S engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load-length curves. Mr. Van George was the head driller for the Geotechnical Field Investigations.
01/04-05/12	<b>Private Jobs:</b> Drilling for warehouses, chemical plants, and private land development projects. <b>Project No. N/A: Levees (Kenner)</b> – New Orleans, LA: Drill and sample with 5” Shelby tubes, 80’ to 100’ holes. <b>Project No. N/A: New Orleans East Levee</b> – New Orleans, LA: Drill and sample with 5” Shelby tubes, 80’.

Firm employed by: A P S Engineering and Testing, LLC				
Name	Alicia Breaux Mathews		Years of experience with this firm/employer	3
Title	ADMINISTRATION		Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization		High School		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Administration- In charge of billing, time keeping, and any HR issues of on the project.		
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 time specified in the applicable MPR(s).			
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Ms. Breaux duties were office administration of the project.			
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. Ms. Breaux duties were office administration of the project.			
12/19-3/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Ms. Breaux duties were office administration of the project.			



### **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	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	GEOTECH
Project name	I-10 Widening LA 415 to Essen LN		Firm responsibility (prime or sub?)	Prime
Project number	H.004100	Owner's name	DOTD	
Project location	Baton Rouge		Owner's Project Manager	Kristy Smith, P.E.
Owner's address, phone, email	1201Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@la.gov			
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost (\$1,000's)	N/A	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)	\$400	

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

Geotechnical Investigation to provide client with the necessary information for planning and design I-10 widening. A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength.

#### Members Involved:

##### Engineering

Sergio Aviles, P.E.- Project Manager

Sai Eddanapudi, M.E., P.E.-Project Engineer

Surendra Raj Pathak, M.S., P.E.-Staff Engineer

##### Laboratory testing

Sergio Aviles, P.E.-QA/QC

Sai Eddanapudi, M.E., P.E.-QA/QC

Donna Easterly- Lab Manager

Cindy Falks-Lab Tech

##### Drilling

Melvin Vasquez -Driller Tech

Van George-Driller

Eric Bateaste-Driller

Oscar Johnson-Driller Tech



##### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES IDIQ

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	Laboratory Testing
X	Contract Management (CM)
X	Constructability



Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	GEOTECH
Project name	I-10 Calcasieu River Bridge		Firm responsibility (prime or sub?)	Prime
Project number	H.003931	Owner's name	DOTD	
Project location	Calcasieu Parish	Owner's Project Manager	Kristy Smith, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@la.gov			
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm (\$1,000's)		\$247k

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

Geotechnical Investigation to provide client with the necessary information for planning and design a new I-10 Calcasieu bridge. A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 26 deep borings. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory.

#### MEMBERS INVOLVED:

##### Engineering

Sergio Aviles, P.E.- Project Manager

Sai Eddanapudi, M.E., P.E.-Project Engineer

Surendra Raj Pathak, M.S., P.E.-Staff Engineer

##### Laboratory Testing

Sergio Aviles, P.E.-QA/QC

Sai Eddanapudi, M.E., P.E.-QA/QC

Donna Easterly- Lab Manager

##### Drilling

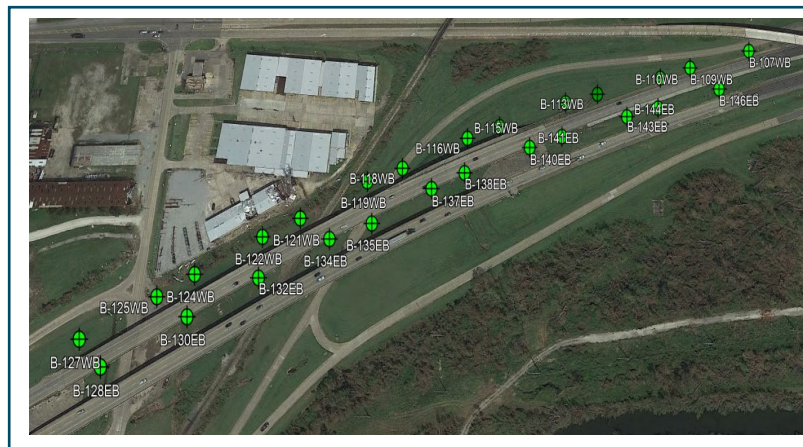
Melvin Vasquez -Driller Tech

Van George-Driller

Eric Bateaste-Driller

Oscar Johnson-Driller Tech

Trenton Anderson-Driller Tech



Firm name	A P S Engineering and Testing, LLC			Past Performance Evaluation Discipline(s)*	GEOTECH
Project name	I-10 Loyola Interchange Improvements			Firm responsibility (prime or sub?)	Prime
Project number	H.011670	Owner's name	DOTD		
Project location	Jefferson Parish		Owner's Project Manager	Kristy Smith, P.E.	
Owner's address, phone, email	1201Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@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)	10/18	Cost of consultant services provided by this firm (\$1,000's)			\$300

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

Geotechnical investigation to provide client with the necessary information for planning and design of a new Interchange to connect to the new airport terminal. A total of 33 borings were completed. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. This project had an accelerated deadline. A P S was successful in meeting this accelerated deadline and kept the project under budget and on track.

#### MEMBERS INVOLVED:

##### Engineering

Sergio Aviles, P.E.- Project Manager

Sai Eddanapudi, M.E., P.E.-Project Engineer

Surendra Pathak, M.S., p.e.-Staff engineer

##### Laboratory Testing

Sergio Aviles, P.E.-QA/QC

Sai Eddanapudi, M.E., P.E.-QA/QC

Shafia Nazneen -Lab Manager

Donna Easterly- Lab Manager

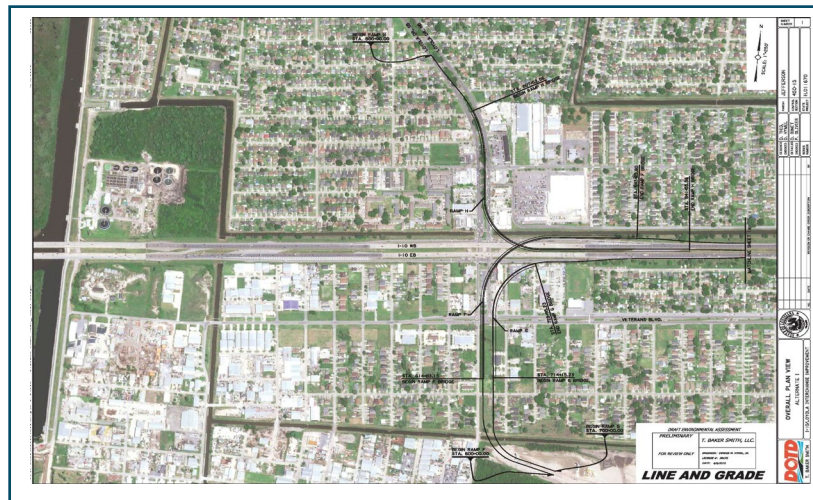
Cindy Falks-Lab Tech

##### Drilling

Melvin Vasquez -Driller Tech

Van George-Driller

Eric Bateaste-Driller



#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES IDIQ

X	Geotechnical Explorations (GE)
X	Laboratory Testing
X	Contract Management (CM)

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	GEOTECH
Project name	US 190: LA 437 TO US 190 BUS		Firm responsibility (prime or sub?)	Sub
Project number	H.001344	Owner's name	DOTD	
Project location	St. Tammy Parish		Owner's Project Manager	Dennis M. Hymel, Jr., P.E.
Owner's address, phone, email	107 Global Circle Baton Rouge, LA 985.493.2963 Dennis.Hymel@tbsmoth.com			
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	02/18	Cost of consultant services provided by this firm (\$1,000's)		\$160k

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

Geotechnical Investigation to provide client with the necessary information for planning and design of the new roadway and bridge over Bogue Falaya River. A total of 12 borings will be conducted to complete the design for roadway and bridge. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory.

#### MEMBERS INVOLVED:

##### Engineering

Sergio Aviles, P.E.- Project Manager

Sai Eddanapudi, M.E., P.E.-Project Engineer

Surendra Raj Pathak, M.S., P.E.-Staff Engineer

##### Laboratory Testing

Sergio Aviles, P.E.-QA/QC

Sai Eddanapudi, M.E., P.E.-QA/QC

Shafia Nazneen-Lab Manager

Donna Easterly- Lab Manager

Cindy Falks-Lab Tech

##### Drilling

Melvin Vasquez -Driller Tech

Van George-Driller

Eric Bateaste-Driller



#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES IDIQ

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	Laboratory Testing
X	Constructability
X	Contract Management (CM)
X	Communications / Outreach



Firm name	A P S Engineering and Testing, LLC			Past Performance Evaluation Discipline(s)*	GEOTECH
Project name	Comite River Diversion Bridge at LA67, LA19 and LA19 Railroad Bridge			Firm responsibility (prime or sub?)	Sub
Project number	H.001352 and H.002273	Owner's name	Huval & Associates, Inc.		
Project location	East Baton Rouge Parish		Owner's Project Manager	Thomas M. Gattle, III, P.E.	
Owner's address, phone, email	Huval & Associates, Inc. 922 West Pont Des Mouton Road Lafayette, LA 70507 Wk: (337) 234-3798 Fax: (337) 234-2475 tgattle@huvalassoc.com				
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	02/18	Cost of consultant services provided by this firm (\$1,000's)			\$115k

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

Geotechnical engineering to provide client with the necessary information for planning and build OF LA 19 RR Bridge - Slope stability (embankment), LA 19 RR Bridge - Embankment/MSE Wall settlement/Retaining Wall, LA 19 Twin Bridges - PPC Piles, LA 67 Bridge - Drilled shafts. All the necessary design was done A P S. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory.

#### MEMBERS INVOLVED:

##### Engineering

Sergio Aviles, P.E.- Project Manager  
 Sai Eddanapudi, M.E., P.E.-Project Engineer  
 Surendra Raj Pathak, M.S., P.E.-Staff Engineer

##### Laboratory Testing

Sergio Aviles, P.E.-QA/QC  
 Sai Eddanapudi, M.E., P.E.-QA/QC  
 Donna Easterly- Lab Manager  
 Cindy Falks-Lab Tech

##### Drilling

Melvin Vasquez -Driller Tech  
 Van George-Driller  
 Eric Bateaste-Driller  
 Oscar Johnson-Driller Tech



#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES IDIQ

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	Laboratory Testing)
X	Constructability
X	Contract Management (CM)
X	Communications / Outreach

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

## **18. Approach and Methodology:**

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.**

### **A P S Engineering and Testing, LLC Approach and Methodology for assign Task Orders:**

The A P S will continue to utilize our 25+ years (combined staff) of DOTD experience to provide comprehensive Subsurface Geotechnical Investigation in accordance with the standards of DOTD. Our firm will utilize our in-house drill rigs, CPT rigs, and Laboratory equipment, to not only provide a high-quality Geotechnical Data Report, but to also work closely with the design team members to ensure a seamless transfer of geotechnical data to the designers is provided. A P S will provide consultation geotechnical engineering. These team members have all worked together before and were chosen because of their thoroughness, technical expertise, and culture of collaborative communication which will result in a successful product to DOTD Section 67.

A P S understands that our IDIQ task orders will be assigned by DOTD Section 67. A P S will work with DOTD's IDIQ Project Manager (PM) in Charge from the time the Task Order (TO) is assigned until the TO is complete. The steps for this work include:

#### **Once a Task Order (TO) has been assigned to us**

##### **1. Boring Request:**

- a) Evaluate the boring request assigned to A P S.
- b) Contact the DOTD PM to introduce the A P S team members assigned the TO.
- c) Prepare and submit a fee schedule to DOTD PM.
- d) Coordinate with DOTD PM on a possible date and time to discuss Fee schedule; if questions arise.
- e) Submit Final Fee Schedule to DOTD PM for approval.

##### **2. Drilling Department Services**

- a) A P S Field Engineer will mark the boring locations in the field to assist Louisiana One Call.
- b) A P S assigned PM will make the Louisiana One Call (811).
- c) An A P S drill crew will be assigned the TO.
- d) A P S PM will go over the drilling package, permits, environmental constraints, traffic control plan, hole abandonment plan, and Site Safety Plan with drilling crew.

- e) A P S Field engineer and drill crew will be dispatched to start work on TO.
- f) A daily progress log will be performed by the A P S field engineer.
- g) A P S Field engineer will perform a survey of the final boring location and elevation using our own RTK R12 survey equipment.

### **3. Laboratory Department Services-AASHTO and USACE certified**

- a) Once all drilling is completed samples will be logged into the A P S laboratory project tracking spreadsheet for testing.
- b) Laboratory Manager will oversee all samples, log them in and create a testing assignment sheet for the A P S engineer to assign the tests to be performed.
- c) Once A P S engineer assigns the tests, he will send it for final testing approval to the APS Senior Engineer for final review/ approval.
- d) Laboratory Testing begins.
- e) Laboratory Manager meets weekly with the engineer and Senior Engineer to update on project status.
- f) If any issues arise during testing it will be communicated to the engineer immediately.
- g) Once all testing is completed the Laboratory manager goes into QA/QC with engineer and Senior Engineer.
- h) Laboratory manager submits final laboratory results to drafting personnel to create final boring logs.

### **4. Geotechnical Department Services**

- a) Assure that the appropriate observations are made in accordance with the TO needs.
- b) Check for compliance with applicable reporting standards.
- c) Check for consistency with other reports, if any, for the same project.
- d) Check for implementation of informal peer review recommendations.
- e) Check resource estimates for design investigation and construction phase.
- f) Third Party Review of Draft Final Report to check for readability, clarity, grammar, and spelling. This is not a technical review of the report.
- g) The Geotechnical Engineer will review the report to make sure it is technically correct and addresses the TO needs.
- h) Send Draft Final Report to DOTD PM for review.
- i) Issue Final Report once DOTD comments are incorporated.

## RESOURCES THAT ARE PLANNED TO BE USED TO PRODUCE THE DELIVERABLES

### FIELD INVESTIGATION EQUIPMENT

Our field crews involved with drilling have completed the Hazard Assessment and Response Management Course as required by 29 CFR 1910-120. Our field investigation equipment consists of the following:

- 1) Simco 2800 - track-mounted
- 2) Simco 4000 - trailer-mounted
- 3) Cone Penetrometer 14-Ton-track-mounted
- 4) B-57 Mobile-mounted on ATV
- 5) Dietrich D120-mounted on F700 Truck

Drill rigs have the ability to drill with hollow-stem auger or wet-rotary methods making them very versatile. Our drilling crews have over 20 years of experience in sampling to depths of 300 feet.



**Simco 2800 on track-Drill depths 500 feet**



**Simco 4000 on trailer-Drill depths 80 feet**

### WORK ZONE TRAINING REQUIREMENTS

A P S recognizes DOTD's on-going commitment to Work Zone Safety. As evidenced in our submittal, the following staff have the appropriate Work Zone Safety Certifications:

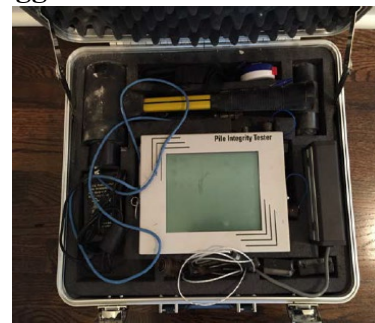
- **Geotechnical Manager:** Sergio Aviles – **Certified Traffic Control Supervisor and Flagger**
- **Senior Geotechnical Engineer:** Sairam Eddanapudi – **Traffic Control Technician**
- **Field Engineer:** Surendra Pathak – **Traffic Control Technician and Flagger**



- **Senior Driller: Van George – Traffic Control Technician and Flagger**



**14-Ton track-mounted Cone Penetrometer System**



**PDA Equipment**



### **A P S Laboratory**

A P S Baton Rouge office has a fully equipped geotechnical laboratory with an integrated data acquisition and management system that reduces data entry errors and speeds data collection and reporting. The lab is staffed full-time by a lab manager, four laboratory technicians that have over 25 years of experience. Our senior engineers provide oversight and direction for the laboratory testing procedures. Our in-house laboratory personnel is knowledgeable on all DOTD specifications and requirements and has been completing geotechnical tests pursuant to ASTM and DOTD Standards for over 10 years.

A P S is a geotechnical engineering, environmental, construction engineering, construction materials testing and inspection company that provides a broad range of related services which include but are not limited to:

- Geotechnical Engineering Analyses-Geotechnical investigations and reports, foundation design, pavement design, slope stability analyses, settlement and down drag analyses, marsh creation, dredging, cofferdam and excavation design, bulkheads, docks, wharfs, borrow pits, WEAP, and CAPWAP;
- Laboratory Testing- Strength testing UC, CU, CD, UU, Direct Shear, consolidation, and classification testing for soils and aggregates.
- A P S is **AASHTO** and **USACE** certified laboratory.

### **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)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
A P S	GEOTECH	H.004100	Retainer Contract for Geotechnical Services	\$ 233,952
A P S	GEOTECH	440019336	Rural Bridges Replacement Initiative Phase II	\$ 443,715
A P S	GEOTECH	440019337	Rural Bridges Replacement Initiative Phase II	\$ 276,680

(Add rows as needed)

DO NOT SUM

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

The prime consultant or sub-consultant shall be a licensed water well driller in the State of Louisiana. All Water well license certificate(s) shall be submitted in Section 20 of DOTD Form 24-102

The prime consultant should provide a summary of any relevant laboratory accreditations and qualifications that may be pertinent for this contract. At a minimum, the team should maintain AASHTO accreditations for the test methods listed in the table below. The prime consultant shall maintain the geotechnical laboratory and shall identify in the DOTD Form 24-102 Section 20 the office to perform work. The laboratory accreditation certificate(s) must be submitted in Section 20 of the DOTD Form 24-102 for the following test methods:

**DON'T FORGET TO ADD CERTS!!!!**



Office of Conservation | Department of Natural Resources  
STATE OF LOUISIANA

WATER WELL CONTRACTOR'S LICENSE

The Office of Conservation  
for the Department of Natural Resource  
State of Louisiana

hereby acknowledges that

***A P S ENGINEERING AND TESTING, LLC***

*Sergio Aviles*

has been licensed to drill monitoring 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, 2023** unless  
renewed, revoked or suspended by the licensing authority as prescribed by statute.

Signed and sealed this 20th day of June, 2022

**RICHARD P. IEYOUB**

**COMMISSIONER OF CONSERVATION**

Office of Conservation  
Louisiana Department of Natural Resources

License No. WWC- # 772





# 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)

## APS Engineering & Testing, LLC.

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

**NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690**

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

### **Certificate Eligibility: October 2021 to October 2022**

*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***



# CERTIFICATE OF ACCREDITATION



## APS Design and Testing, L.L.C.

in

### Baton Rouge, Louisiana, USA

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

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](http://aashtoresource.org)).

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 01/29/2020 at 9:37 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

APS Design and Testing, L.L.C.

in Baton Rouge, Louisiana, USA

## Quality Management System

**Standard:**

R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories

**Accredited Since:**

08/19/2019



# SCOPE OF AASHTO ACCREDITATION FOR:

APS Design and Testing, L.L.C.  
in Baton Rouge, Louisiana, USA

## Soil

### Standard:

### Accredited Since:

T100	Specific Gravity of Soils	08/19/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	08/19/2019
D422	Particle Size Analysis of Soils by Hydrometer	<b>Suspended</b>
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	08/19/2019
D1140	Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	08/19/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	08/19/2019
D2166	Unconfined Compressive Strength of Cohesive Soil	08/19/2019
D2216	Laboratory Determination of Moisture Content of Soils	08/19/2019
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	08/19/2019
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	08/19/2019
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	08/19/2019
D4318	Plastic Limit of Soils (Atterberg Limits)	08/19/2019
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	08/19/2019





**USACE CERTIFICATE  
OF  
LABORATORY VALIDATION**



**APS**

**1645 Nicholson Drive  
Baton Rouge, LA,  
Sergio Aviles  
(225) 456-5714**

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

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

**09 MAY 2022 AT 15:40 HOURS**

**ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 12/01/2023**

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

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

**SOILS**

Soils - D 422 - Req - Particle Size Analysis  
Soils - D 698 - Req - Compaction Characteristics by Standard Effort  
Soils - D 854 - Req - Specific Gravity of Soils  
Soils - D 1140 - Req - Material Finer than 75  $\mu$ m (No. 200) Sieve  
Soils - D 2216 - Req - Water Content  
Soils - D 2435 - Req - One-Dimensional Consolidation Properties  
Soils - D 2487 - Req - Classification of Soils  
Soils - D 2488 - Req - Description & Identification of Soils (Visual-Manual Procedure)  
Soils - D 2850 - Req - Unconsolidated, Undrained Strength in Triaxial Compression  
Soils - D 2974 - Req - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils  
Soils - D 3080 - Req - Direct Shear Test in Consolidated Drained Conditions



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**A P S Engineering and Testing, LLC**

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 6/12/2022 to 6/12/2023 .

Certification No. 974

A handwritten signature in black ink, reading "Stephanie Hartman", written over a horizontal line.

**Stephanie Hartman,  
Director, Small Business Services**

# *The American Traffic Safety Services Association*

*Hereby recognizes that*

**Van George**  
has attended  
**Traffic Control Technician-LA State Specific  
Training Course**

2/5/2019 to 2/5/2019  
Date

Baton Rouge, LA

Location



*Jessica Whitington*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Surendra Pathak**

has attended

**Traffic Control Technician-LA State Specific  
Training Course**

2/5/2019 to 2/5/2019

Date

Baton Rouge, LA

Location



*Jessica M. Wenzel*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO



*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Sairam Eddanapudi**  
has attended  
**Traffic Control Technician-LA State Specific**  
**Training Course**

2/5/2019 to 2/5/2019  
Date

Baton Rouge, LA  
Location



*Georgia M. Klingler*  
Training & Products Dept. Director

*Ryan A. Wentz*  
President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Oscar Johnson**

has attended

**Traffic Control Technician-LA State Specific  
Training Course**

2/5/2019 to 2/5/2019

Date

Baton Rouge, LA

Location



*Isaac B. Bingle*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO



*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Melvin Vasquez**  
has attended  
**Traffic Control Technician-LA State Specific  
Training Course**

2/5/2019 to 2/5/2019  
Date

Baton Rouge, LA

Location



*James A. Whang*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Paul Fulcher**

has attended

**Traffic Control Technician-LA State Specific**

**Training Course**

07/24/2018

Date

Baton Rouge, LA

Location



SAFER ROADS SAVE LIVES

*Jessica S. Blevins*

Training & Products Dept. Director

*Ryan A. Wintz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Shiva Reddy Anumula**  
has attended

**Traffic Control Technician-LA State Specific  
Training Course**

07/24/2018

Date

Baton Rouge, LA

Location



SAFER ROADS SAVE LIVES

*Jessica Schuyler*

Training & Products Dept. Director

*Ryan A. Wentz*  
President, CEO



**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

666 North Street – Baton Rouge, LA 70802  
Phone: 225/344-0432 \* Fax: 225/344-0458  
[www.lagc.org](http://www.lagc.org)

January 7, 2019

To Whom It May Concern,

This is to verify that the below listed employee of APS Engineering & Testing has completed LADOTD required ATSSA traffic control training. We are currently awaiting the results of his exam.

LA Specific Traffic Control Supervisor Refresher – December 7, 2018 – Sergio Aviles

If there are any questions regarding this issue, please contact Mr. Barry Lacy, P.E. of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Michael Demouy at the above captioned address.

Best Regards,

Michael Demouy – LAGC Manager

**CERTIFICATE IS AWARDED TO**

**VAN GEORGE**

**Has successfully completed a flagger training course meeting the  
requirement of the**

**LOUISIANA DEPARTMENT OF TRANSPORTATION  
& DEVELOPMENT**

**on the following date**

**JAN 08, 2019**

**Valid for 4 years from completion date.**

**Expires JAN 08, 2023**

**This temporary/backup certificate is valid with a government issued photo ID.**

**Verify this certificate against the information online use the code below to view or print duplicate  
certificates**

**1253-1061-32629**

**Enter the code to verify this certificate is an original at**

**<https://process.onlineflagger.com/duplicate>**



**CERTIFICATE IS AWARDED TO**

**SURENDRA PATHAK**

**Has successfully completed a flagger training course meeting the  
requirement of the**

**LOUISIANA DEPARTMENT OF TRANSPORTATION  
& DEVELOPMENT**

**on the following date**

**JAN 08, 2019**

**Valid for 4 years from completion date.**

**Expires JAN 08, 2023**

**This temporary/backup certificate is valid with a government issued photo ID.**

**Verify this certificate against the information online use the code below to view or print duplicate  
certificates**

**1253-1061-32630**

**Enter the code to verify this certificate is an original at**

**<https://process.onlineflagger.com/duplicate>**



**CERTIFICATE IS AWARDED TO**  
**SERGIO AVILES**

**Has successfully completed a flagger training course meeting the  
requirement of the**

**LOUISIANA DEPARTMENT OF TRANSPORTATION  
& DEVELOPMENT**

**on the following date**

**SEP 07, 2018**

**Valid for 4 years from completion date.**

**Expires SEP 07, 2022**

**This temporary/backup certificate is valid with a government issued photo ID.**

**Verify this certificate against the information online use the code below to view or print duplicate  
certificates**

**1253-1061-25541**

**Enter the code to verify this certificate is an original at**

**<https://process.onlineflagger.com/duplicate>**

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

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

DOTD requires the selected consultant and all sub-consultants to develop 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. The selected consultant shall address in its plan the review of all sub-consultant work and deliverables. The selected consultant must submit their QA/QC plan to the DOTD PM within 10 business days of the award notification to the consultant. Consultants must ensure quality and adhere to established DOTD policies, procedures, standards and guidelines in the preparation and review of all deliverables. DOTD may provide limited input and technical assistance to the consultant. Any deliverables to be transmitted by the consultant shall be transmitted with a DOTD Quality Assurance/Quality Control Checklist, and a certification that the deliverables meet DOTD's quality standards. If Attachment A includes specific QA/QC requirements that contradict those set forth above, the requirements in Attachment A control

NOTHING ON ATTACHMENT A

**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 (as registered with Louisiana’s Secretary of State)	Address	Point of Contact and email address	Phone Number
NONE			

(Add rows as needed)

**23. Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.