

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Provision of As-Needed

### Laboratory Services for Inspections of Materials and Equipment

**SOQ 24-023 | Resolution No. 144326**

**B. Firm Name & Address:**



**Gulf South Engineering and Testing, Inc.**

15 Veterans Memorial Boulevard | Kenner LA 70062

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

**Chad M. Poché, P.E., Executive Vice President**

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

**Chad M. Poché, P.E., Executive Vice President**

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

<u>7</u>	Administrative	<u>      </u>	Estimators	<u>      </u>	Specification Writers
<u>      </u>	Architects (Licensed)	<u>      </u>	Geologists	<u>      </u>	Structural Engineers
<u>      </u>	Chemical Engineers	<u>2</u>	Geotechnical Engineers	<u>      </u>	Graduate Engineers
<u>      </u>	Civil Engineers	<u>      </u>	Interior Designers	<u>1</u>	Project Managers
<u>10</u>	Construction Inspectors	<u>      </u>	Landscape Architects	<u>      </u>	Clerical ( <i>see Administrative</i> )
<u>      </u>	Ecologists	<u>      </u>	Land Surveyor ( <i>Apprentice</i> )	<u>      </u>	Grant/Funding Specialist
<u>      </u>	Electrical Engineers	<u>      </u>	Mechanical Engineers	<u>      </u>	Sanitary Engineers
<u>      </u>	Engineer Intern	<u>      </u>	Environmental Engineers	<u>1</u>	CMT Supervisor
<u>1</u>	Professional Land Surveyors	<u>      </u>		<u>1</u>	Construction Svcs Manager
				<u>4</u>	Laboratory Personnel
				<u>3</u>	Soil Boring Personnel
				<u>30</u>	<b>TOTAL</b>

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

**If marked “no”, skip to Section I. If marked “yes”, complete Sections G-H.**

## TEC Professional Services Questionnaire

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

1.  
N/A

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES\_\_\_\_\_ NO\_\_\_\_\_ N/A

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

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

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

30 (all personnel will be available for assignment to the project)

## TEC Professional Services Questionnaire

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

### PROFESSIONAL IN CHARGE OF PROJECT:

**Name & Title:**

**Chad M. Poché, P.E.**

Executive Vice President / Registered Professional Geotechnical Engineer

**Project Assignment:**

Geotechnical Engineer / Principal In Charge

**Name of Firm with which associated:**



**Years' experience with this Firm:**

13 years (founded Gulf South in 2011);  
31 years total (1993)

*BFM Corporation, LLC | 2017 to present*  
*Gulf South Engineering and Testing, Inc. | 2011 to present*  
*Ardaman and Associates, Inc. | 2007 to 2011*  
*Eustis Engineering | 1996 to 2001*  
*Soil Testing Engineers, Inc. | 1993 to 1996*

**Education: Degree(s)/Year/Specialization:**

M.S., 1998, Civil Engineering, University of New Orleans  
B.S., 1993, Civil Engineering, Louisiana State University

**Active Registration: Year first registered/discipline:**

1998, Civil Engineer (Louisiana No. 27667)  
2002, Civil Engineer (Mississippi No. 15405)

**Other experience and qualifications relevant to the proposed Project:**

Chad M. Poché, P.E., is Executive Vice President, co-founder, and a Principal in Gulf South. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations and serving as an Expert Witness.

## TEC Professional Services Questionnaire

Other experience and qualifications: **Chad M. Poché, P.E. (continued)**

Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

**New Sewer Lift Station (Butler Drive & Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)

**Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA.** Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection. (\$90,000 (fee); 2017)

**N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing for the project, located at the corner of N. Sibley Street and West Napoleon Avenue. Gulf South's scope of work includes soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$20,000 (fee); 2021)

**Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)


**Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$20,000 (fee); 2019)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Eric A. Paille, C.E.T., ACI</b> Construction Services Manager	
<b>Project Assignment:</b>	
Construction Services Manager	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
13 years (joined Gulf South in 2011); 35 years total (1989)	<i>Gulf South Engineering and Testing, Inc.   2011 to present</i> <i>Ardaman and Associates, Inc.   2007 to 2011</i> <i>Soil Testing Engineers, Inc.   1988 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
<i>ACI-I Field Technician (since 1991; No. 929012)</i> <i>Certified Engineering Technician (since 1992)</i> <i>Nuclear Gauge Safety Training (since 1994; No. 061321)</i> <i>Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER</i>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Eric A. Paille, C.E.T., ACI, serves as Gulf South's Construction Services Manager as well as the manager of our Gonzales office. He has experience as a technician, inspector, and testing manager, and is knowledgeable in all aspects of construction materials testing and construction inspection. Mr. Paille has performed all applicable field and soil tests over the past 30+ years. In addition, he is certified in the safe use and handling of the nuclear density gauge. He received PDA training in 2003 and has knowledge of PDA testing along with significant experience with pile driving analyzers. Mr. Paille is one of the most knowledgeable people in our industry.</p> <p><b>Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA.</b> Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection. (\$90,000 (fee); 2017)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Eric A. Paille, C.E.T., ACI (continued)**

**New Sewer Lift Station (Butler Drive & Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)

**Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)

**St. Peter's Ditch – Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA.** Project consisted of the construction of a new pump station and below grade culverts and piping for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Scope included performing pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, and steel inspection. (\$110,000 (fee); 2016)

**Patriot Street Lift Station, Metairie, Jefferson Parish, LA.** Project consisted of the construction of a new sewer lift station for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Scope of services included performing pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, and steel inspection. (\$30,000 (fee); 2016)

**Clearview Parkway Drainage Project, Metairie, Jefferson Parish, LA.** Project consisted of the construction of new drainage features for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, and steel inspection. (\$30,000 (fee); 2016)


**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Brandon A. Paille, ACI</b> Construction Materials Testing (CMT) Supervisor/Project Manager	
<b>Project Assignment:</b>	
Construction Materials Testing (CMT) Supervisor/Project Manager	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
5 years (2012-2016; 2023 to present); 14 years total (2010)	<i>Gulf South Engineering and Testing, Inc.   2023 to present</i> <i>Ascension Parish Sheriff's Office   2016 to 2023</i> <i>Gulf South Engineering and Testing, Inc.   2012 to 2016</i> <i>Ardaman and Associates, Inc.   2010 to 2012</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
<i>High School Diploma</i>	
<b>Active Registration: Year first registered/discipline:</b>	
APNGA Nuclear Gauge Safety ACI Field Technician Level 1 OSHA Safety Training – 8 hr.	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Brandon A. Paille, ACI has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, hydrometers, Atterberg limits, organic contents, moisture contents, proctor compaction tests, sieve analyses, as well as extrusion of samples. Mr. Paille's field experience includes soil inspection and testing consisting of nuclear density testing, soil boring logging, concrete testing and inspections, timber and precast pile logging and vibration monitoring. In Mr. Paille's years in the construction materials testing industry, he has obtained a vast amount of knowledge and experience which makes him an integral part of our Gulf South Team.</p> <p><b>Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)</p> <p><b>East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon A. Paille, ACI (continued)**

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)

**Taft Park Drainage Improvements, Jefferson Parish, LA.** Perform inspection and testing during construction of various drainage improvements at Taft Park. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. (\$25,000 (fee); 2015)

**FEMA Submerged Roads Program, District 5 – Project 1, Jefferson Parish, LA.** Perform asphalt and roadway testing and inspection as requested. (\$15,000 (fee); 2014)

**Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)

**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)

**New Sewer Lift Station (Butler Drive & Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)

**Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)


**Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)

**Bucktown Paddlers Launch, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving & concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring. (\$6,000; ongoing)

**Submerged Roads Program: District 5, Project 1, Jefferson Parish, LA.** Gulf South performed asphalt testing and inspection as instructed by the client. (\$12,000 (fee); 2013)



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>James Tiner, ACI</b> Laboratory Manager/Field Supervisor	
<b>Project Assignment:</b>	
Laboratory Manager/Field Supervisor	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
11 years (2013 to present); 27 years total (1997)	<i>Gulf South Engineering &amp; Testing, Inc.   2013 - present</i> <i>Ardaman &amp; Associates, Inc.   2007 - 2013</i> <i>Soil Testing Engineers, Inc.   1997 - 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
<i>High School Diploma</i>	
<b>Active Registration: Year first registered/discipline:</b>	
American Concrete Institute (ACI) Grade 1 Certification	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>James Tiner, ACI, has a quarter-century of experience in both field and laboratory testing &amp; inspection. His field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, steel inspection, augercast pile inspection, vibration monitoring, drilled shaft inspection, static and dynamic pile load tests, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Tiner has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p><b>Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)</p> <p><b>Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **James Tiner, ACI (continued)**

**New Sewer Lift Station (Butler Drive & Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)

**Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)

**Bucktown Paddlers Launch, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving & concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring. (\$6,000; ongoing)

**Taft Park Drainage Improvements, Jefferson Parish, LA.** Perform inspection and testing during construction of various drainage improvements at Taft Park. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. (\$25,000 (fee); 2015)


**Westwego Pump Station #1, Jefferson Parish, LA.** Gulf South performed field and laboratory testing during pump station #1 installation. Scope of services included field density tests, concrete testing and inspection, laboratory testing, and vibration monitoring. (\$10,000 (fee); 2016)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Walter Jones</b> Technician/Inspector	
<b>Project Assignment:</b>	
Technician/Inspector	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
7 years (joined Gulf South in 2017); 19 years total (2005)	<i>Gulf South Engineering and Testing, Inc.   2017 to present</i> <i>Little Debbie Ind. Distributors   2013 to 2017</i> <i>Applied Business Concepts   2006 to 2013</i> <i>Royal Guard Corporation   2005 to 2006 &amp; 2013</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
American Portable Nuclear Gauge Assn. (APNGA) Certification OSHA Training	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Walter Jones serves as a Technician/Inspector for Gulf South Engineering and Testing, Inc. He has provided services for a multitude of projects throughout the region since joining the firm in 2017.</p> <p><b>East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)</p> <p><b>New Sewer Lift Station (Butler Drive &amp; Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)</p> <p><b>Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Walter Jones (continued)**

**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Bucktown Paddlers Launch, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving & concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring. (\$6,000; ongoing)

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)


**Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)

**Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)

**Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA.** Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

**St. John Multiplex Complex (3448 LA 18), Edgard, St. John the Baptist Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes pile inspection and modeling, concrete testing, soil density tests, earthwork inspection and testing, static pile load testing, and steel inspection. (\$50,000 (fee); 2024)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Bryson S. Beard, P.E., ACI</b> Associate Geotechnical Engineer/Field Engineer	
<b>Project Assignment:</b>	
Associate Geotechnical Engineer/Field Engineer	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
2 years (joined Gulf South in 2022); 3 years total (2021)	<i>Gulf South Engineering and Testing, Inc.   2022 to present</i> <i>TetraTech, Inc.   2021 to 2022</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S., Geological Engineering (2021; University of Mississippi)	
<b>Active Registration: Year first registered/discipline:</b>	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Bryson S. Beard, P.E., is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p><b>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</b></p> <p><b>Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)</p> <p><b>Bucktown Paddlers Launch, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving &amp; concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring. (\$6,000; ongoing)</p>	



## TEC Professional Services Questionnaire

Other experience and qualifications: **Bryson S. Beard, P.E., ACI (continued)**

**St. John Multiplex Complex (3448 LA 18), Edgard, St. John the Baptist Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes pile inspection and modeling, concrete testing, soil density tests, earthwork inspection and testing, static pile load testing, and steel inspection. (\$50,000 (fee); 2024)

**Charity Hospital Building Redevelopment Project, New Orleans, LA.** Gulf South is providing all construction materials and environmental testing for the project, which involved the complete renovation of the Charity Hospital Building (more than 1 million sf) in New Orleans, Louisiana. Inspection and testing consisted of soil borings, laboratory testing, asbestos abatement, concrete testing, mortar testing, steel coupon testing, concrete coring, and building envelope testing. The project is valued at \$500 million. (\$200,000 (est. fee); ongoing)

**Sewer Lift Station No. F6-2 (W. Napoleon Blvd.), Metairie, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services for upgrading an existing below grade sewer lift station (No. F6-2) off West Napoleon Boulevard in Metairie, LA. Gulf South's scope includes drilling a single boring to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$5,000 (fee); 2022)


**Bucktown Harbor New Dock and Loading Area, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for construction of a new dock and bulkhead at Jefferson Parish's Bucktown Harbor in Metairie, LA. Gulf South's scope includes drilling one boring to a depth of 50 feet below the ground surface and one boring in Lake Pontchartrain to a depth of 50 feet below mudline, laboratory testing, engineering analyses (allowable pile load capacities, slope stability, sheetpile wall analyses), and general construction procedures and recommendations. (\$10,500 (fee); 2022)

**Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA.** Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

**Midway at Soniat Canal Pump Station Elevator Generator Platform (Silver Oak Lane), Harahan, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new elevated generator platform at the Midway Soniat Canal pump station off Silver Oak Lane in Harahan, LA. Gulf South's scope of services includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$7,500 (fee); 2022)



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Joseph H. “Trey” Binder, III, ACI</b> Laboratory Manager	
<b>Project Assignment:</b>	
Laboratory Manager; Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years’ experience with this Firm:</b>	
13 years (joined Gulf South in 2011); 13 years total (2011)	<i>Gulf South Engineering and Testing, Inc.   2011 to present</i> <i>Ardaman and Associates, Inc.   2007 to 2011</i> <i>Soil Testing Engineers, Inc.   2006 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
A.D., General Studies (2006; Nunez Community College)	
<b>Active Registration: Year first registered/discipline:</b>	
HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p><b>N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing for the project, located at the corner of N. Sibley Street and West Napoleon Avenue. Gulf South's scope of work includes soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$20,000 (fee); 2021)</p> <p><b>Earhart Expressway Lighting Improvements (Clearview Parkway to Central Avenue), Jefferson Parish, LA.</b> Gulf South provided the materials testing and inspection during construction. Gulf South’s scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, pile inspection, and concrete testing and inspection. (\$10,000 (fee); 2019)</p>	

## **TEC Professional Services Questionnaire**

Other experience and qualifications: **Joseph H. "Trey" Binder, III, ACI (continued)**

**West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$10,000 (fee); 2019)

**Westgate Drainage Improvements, Metairie, Jefferson Parish, LA.** Gulf South performed field and laboratory testing during construction of various drainage improvements. Scope included earthwork testing & inspection and concrete testing & inspection. (\$8,000 (fee); 2018)

**Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$20,000 (fee); 2019)

**Taft Park Drainage Improvements, Jefferson Parish, LA.** Perform inspection and testing during construction of various drainage improvements at Taft Park. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. (\$25,000 (fee); 2015)

**Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA.** Gulf South provided field and laboratory testing on a call-out basis during construction of the project (SCIP D55116) located at the intersection of Houma Boulevard and West Esplanade Avenue. Scope of services included vibration monitoring, concrete sample pick-up and inspection, pile monitoring, and laboratory testing. (\$10,000 (fee); 2021)

**Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA.** Gulf South performed construction materials testing and inspection. Services included soil density tests, earthwork inspection and testing, backfill compaction testing, and concrete testing. (\$8,000 (fee); 2021)

**N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing for the project, located at the corner of N. Sibley Street and West Napoleon Avenue. Gulf South's scope of work includes soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$20,000 (fee); 2021)

**Westwego Pump Station #1, Jefferson Parish, LA.** Gulf South performed field and laboratory testing during pump station #1 installation. Scope of services included field density tests, concrete testing and inspection, laboratory testing, and vibration monitoring. (\$10,000 (fee); 2016)

**Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$10,000 (fee); 2019)

**FEMA Submerged Roads Program, District 5 – Project 1, Jefferson Parish, LA.** Perform asphalt and roadway testing and inspection as requested. (\$15,000 (fee); 2014)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Tyler W. Pregeant, ACI</b> Engineering Technician; CMT/Laboratory Technician	
<b>Project Assignment:</b>	
Engineering Technician; CMT/Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
5 years (joined Gulf South in 2019); <span style="float: right;">Gulf South Engineering and Testing, Inc.   2019 to present</span> 7 years total (2017)	
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma Currently attending UNO in Civil Engineering Program	
<b>Active Registration: Year first registered/discipline:</b>	
ACI Concrete Field Testing Technician - Grade I (02206931)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p><b>Bucktown Paddlers Launch, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving &amp; concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring. (\$6,000; ongoing)</p> <p><b>Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)</p> <p><b>Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Tyler W. Pregeant, ACI (continued)**

**New Sewer Lift Station (Butler Drive & Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests.

**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)


**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)

**Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)

**MLK Boulevard, Claiborne to St. Charles Avenue (DPW573), City of New Orleans, LA.** Gulf South is providing construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$52,000 (fee); 2023)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Ian Kerner Poché, ACI</b> Assistant Laboratory Supervisor	
<b>Project Assignment:</b>	
Assistant Laboratory Supervisor	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
7 years (joined Gulf South in 2017); <span style="float: right;">Gulf South Engineering and Testing, Inc.   2017 to present</span> 7 years total (2017)	
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03) ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p><b>New Sewer Lift Station (Butler Drive &amp; Grambling Street) E-10-1, Waggaman, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$30,000 (fee); ongoing)</p> <p><b>Lafreniere Healthtrak Phase 1, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing. (\$25,000 (fee); ongoing)</p> <p><b>Metairie Lawn Drainage Improvements, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)</p> <p><b>Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)</p>	



## TEC Professional Services Questionnaire

Other experience and qualifications: **Ian Kerner Poché, ACI (continued)**

**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); ongoing)

**Improvements to Sewer Lift Station M-11-3 (13th & Farrington) and Force Main, Marrero, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$15,000 (fee); 2019)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

**Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a replacement Lake Cataouatche drainage pump station at the end of Chighizola Lane in Grand Isle. Gulf South's scope includes drilling one undisturbed soil borings to a depth of 80 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Pump station is close to a USACE floodwall so coordination and geotechnical engineering analyses were required to show the new pump station would not adversely affect the integrity of the floodwall. (\$7,500 (fee); 2020)

**Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2020)

**Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA.** Geotechnical investigation; scope includes drilling 14 borings (depths of 10 ft. bgs), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)



## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Bissonet Drainage Outfall Improvements</b> , Metairie, Jefferson Parish, Louisiana  <b>Jefferson Parish Engineering Department</b> 1221 Elmwood Park Blvd Ste 802 Jefferson LA 70123  <b>Angela DeSoto</b> , 504-349-5842 JPEngineering@jeffparish.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$20,000 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>New Sewer Lift Station (Butler Drive &amp; Grambling Street) E-10-1</b> , Waggaman, Jefferson Parish, Louisiana  <b>Jefferson Parish Sewerage Capital Improvement Program</b> 1221 Elmwood Park Blvd Jefferson LA 70123  <b>Sid Trouard, P.E.</b> , 504-736-6386 STrouard@jeffparish.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$30,000 (fee)

## TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Lafreniere Healthtrak Phase 1,</b> Metairie, Jefferson Parish, Louisiana  <b>T. Baker Smith, LLC</b> 2450 Severn Avenue Metairie LA 70001  <b>Brian E. Moldaner, P.E.,</b> 504-323-3460 brian.moldaner@tbsmith.com	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; backfill compaction testing; soil density tests, and; earthwork inspection and testing.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$25,000 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Bucktown Birdsnest Learning Pavilion,</b> Metairie, Jefferson Parish, Louisiana  <b>Jefferson Parish Parks &amp; Recreation Dept.</b> 6921 Saints Drive Metairie LA 70003  <b>Charles Fenier; 504-736-6999</b>	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2024	N/A	\$2,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Bucktown Paddlers Launch,</b> Metairie, Jefferson Parish, Louisiana  <b>Digital Engineering</b> 527 West Esplanade Ave Ste 200 Kenner LA 70065  <b>Andrew Woodroof, P.E.,</b> 504-468-6129 awoodroof@deii.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes building earthwork, paving & concrete, concrete testing, soil density tests, pile inspection and modeling, and vibration monitoring.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$6,000 (fee)

<b>PROJECT NO. 6</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Papworth Avenue and Rose Street Wet Well,</b> Jefferson Parish, Louisiana  <b>Jefferson Parish Sewerage Capital Improvement Program</b> 1221 Elmwood Park Blvd Jefferson LA 70123  <b>Sid Trouard, P.E.,</b> 504-736-6386 STrouard@jeffparish.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2023	N/A	\$2,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Metairie Lawn Drainage Improvements</b> , Jefferson Parish, Louisiana  <b>Jefferson Parish Engineering Department</b> 1221 Elmwood Park Blvd Ste 802 Jefferson LA 70123  <b>Angela DeSoto</b> , 504-349-5842 JPEngineering@jeffparish.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$5,000 (fee)

<b>PROJECT NO. 8</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Northbound Manhattan Boulevard Widening</b> , Jefferson Parish, Louisiana  <b>EJES Inc.</b> 2626 Canal Street, Suite 202 New Orleans LA 70119  <b>Nicholas LaValla</b> , 504-218-7103 nlavalla@ejesinc.com	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2023	N/A	\$11,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>East Bank Transit Operations Facility</b> , Metairie, Jefferson Parish, Louisiana  <b>Jefferson Parish Transit Department</b> 21 Westbank Expressway Gretna LA 70053  <b>Vickie Lang</b> , 504-364-3450 Vickie.Lang@jeffparish.net	Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2024	N/A	\$16,000 (fee)

<b>PROJECT NO. 10</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Improvements to Sewer Lift Station No. 48-3</b> , Metairie, Jefferson Parish, Louisiana  <b>Richard C. Lambert Consultants, LLC</b> 900 West Causeway Approach Mandeville LA 70471  <b>Franz Zemmer, P.E.</b> , 985-727-4440 fzemmer@rclconsultants.com	Gulf South provided field and laboratory testing on a call-out basis during construction of the project (SCIP D55116) located at the intersection of Houma Boulevard and West Esplanade Avenue. Scope of services included vibration monitoring, concrete sample pick-up and inspection, pile monitoring, and laboratory testing.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2021	N/A	\$10,000 (fee)

## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

### MINIMUM REQUIREMENTS FOR SELECTION

1. one principal who is a professional engineer, who shall be registered as such in Louisiana.

**This requirement is met by Gulf South's Chad M. Poché, P.E.; he has been a Louisiana-Registered Professional Engineer (Geotechnical) since 1998 (No. 27667).**

2. a professional in charge of the project who is a professional engineer who shall be registered as such in Louisiana, with a minimum of five (5) years of experience in the disciplines involved.

**This requirement is also met by Gulf South's Chad M. Poché, P.E., a 30+ year veteran of geotechnical and related services in Jefferson Parish.**

3. one employee who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline.)

**This requirement is also met by Gulf South's Chad M. Poché, P.E. Please refer to his background and history as presented in Item K of this submittal.**



## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

**Gulf South Engineering and Testing, Inc.** (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and nearly three dozen employees.

**Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year.** These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

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

**Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our surveying experience with Jefferson Parish.**

#### **Construction Materials Testing & Inspection**

Gulf South provides a full range of construction materials testing & inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided includes:

- Fill and base compaction and density testing
- Vibration monitoring
- Pre- and post-construction inspection
- Concrete testing and inspection
- Soil testing (field and laboratory)
- Asphalt testing
- Pile (driven & augercast) and shaft installation monitoring
- Load tests
- Earthwork/proof roll inspection
- Welding inspection
- Steel inspection
- Noise monitoring
- Prepare daily field reports and/or field books
- Maintain records per the client's directive

We have provided construction testing & oversight for projects as small as a house pad to as large as the **\$1.2 billion Louis Armstrong New Orleans International Airport North Terminal** project.

## TEC Professional Services Questionnaire

N. continued.

### **Laboratory Testing Services**

Gulf South's laboratory is equipped to serve the specific needs of our clients and managed by trained and experienced personnel. All testing is performed in accordance with ASTM, AASHTO, and/or other approved procedures. Gulf South routinely performs soil and concrete strength testing (unconfined and triaxial), soil classification tests (Atterberg limits, moisture content, density, particle size), soil and aggregate sieves, organic content, pH, soil resistivity, and moisture/density relationships (Proctor tests). Gulf South's laboratories are managed by full time, experienced, managers and staff. Further, **Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.**

### **Field Investigation Services**

Gulf South owns truck mounted (ARDCO C-1000) and track mounted (ARDCO SD 350) drilling rigs with associated and appurtenant support equipment (water trucks and buggy). Our equipment and crews are capable of drilling soil borings to depths of up to 300 feet and installing monitor wells, piezometers, and inclinometers. We can also perform CPT soundings, geoprobe borings, and field testing at any site. Our staff has extensive experience in planning, oversight, and direction of field investigations.

### **Geotechnical Engineering Services**

Gulf South's ownership and senior management have decades of combined experience in the profession and have completed thousands of projects. One of Gulf South's Principals, Chad M. Poché, P.E., a founding principal and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi, has specific and extensive training & experience in geotechnical engineering. He has three decades of experience in planning, administering, and conducting geotechnical investigations.

The firm has specific engineering experience and training in **Geotechnical Engineering, Foundation Design, and Geology & Geohydrology**; our staff has extensive experience in all aspects of soil mechanics and geotechnical engineering with specific knowledge in the following areas:

- Shallow and deep foundations (piles, shafts, augercast, screw/anchor piles)
- Deep excavations, cofferdams, retaining walls
- Levees and soft ground construction; slope stability & seepage
- Earthwork; settlement analyses
- Shoreline protection
- Scour analyses
- LRFD Design
- Mechanically Stabilized Earth (MSE) Walls
- Development of load test programs
- Geotechnical instrumentation and construction monitoring
- Canals and pump station foundations
- Pipe bedding and backfill
- Roadways, bridges, pavements

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 2 | SIZE OF FIRM

At 30 employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South can readily meet the time and budget constraints for projects assigned to this contract. Our current workload is such that we can expeditiously complete projects for this contract.

### CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

Gulf South has the manpower and equipment to expeditiously complete any task order assigned under this contract. The tasks which would be assigned under this contract are the types of projects we perform and complete each day. Gulf South is thoroughly familiar with the specialized and unique CMT needs required for the projects that may be issued under this contract.

The contract and contractual issues will be overseen by Chad M. Poché, P.E. The technical aspects of tasks assigned to the contract will be managed by Eric A. Paille, C.E.T., ACI, with support and oversight as needed from Brandon A. Paille, ACI; James Tiner, ACI; Joseph H. "Trey" Binder, III, ACI; and Gulf South's various department managers, technicians, and administrative support staff.

As a task or project is awarded to the Gulf South Team, a file number is assigned to the project and all pertinent information is gathered (name, location, contacts, etc.). Brandon A. Paille, ACI will manage the project and assign appropriate personnel to accomplish the task. All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

Elements of our task work can include:

- meet with client to discuss project parameters and required tests/inspection
- collect any samples for testing for Proctor tests or pre approval to be used
- visit site as needed and requested to perform tests/inspections
- provide daily reports of findings and results

All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

All laboratory tests are reviewed by Gulf South's laboratory manager. Daily Field Reports are prepared and distributed by Gulf South's administrative personnel.

The Gulf South Team will provide all services in a safe and timely manner. We will coordinate with the Port's Project Manager(s) on a regular basis to keep them informed and to coordinate our schedule, work, and deliverables. We guarantee that every project or task assigned to this contract will be given high priority, be done efficiently, and completed accurately, on time, and within budget.

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 4 | PAST PERFORMANCE

Gulf South has worked both directly and indirectly for various Jefferson Parish Departments (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

**Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our specialized experience and service.**

### CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

**Gulf South Engineering and Testing has been headquartered in Jefferson Parish since beginning operations in 2011;** our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner. We also maintain an office in Gonzales, LA.

### CRITERIA 6 | LEGAL STATEMENT

As stated in Item M, Gulf South has had no litigation, past or present, with Jefferson Parish, nor any of our clients.

### CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Executive Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

As evidenced in the provided projects and personnel résumés, key personnel experience includes the completion of **thousands of projects in the region** throughout their careers for a broad range of clients, including both the government and private sectors. We can submit data in formats acceptable and customized to our clients' needs.

Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

**Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish**  
(504-736-6783 | JPPW@jeffparish.net)

**Ben Lepine, Acting Director, Drainage Department, Jefferson Parish**  
(504-736-6751 | JPDrainage@jeffparish.net)

## TEC Professional Services Questionnaire

N. continued.

**Angela DeSoto, P.E., Director, Engineering Department, Jefferson Parish**  
(504-736-6511 | ADeSoto@jeffparish.net)

**Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish**  
(504-736-6783 | JPPW@jeffparish.net)

**Michael B. Cooper, Parish President, St. Tammany Parish**  
(985-898-2362 | president@stpgov.org)

**Joey Tureau, Director of Transportation, Ascension Parish**  
(225-450-1013 | jtureau@apgov.us)

**José A. Gonzales, CAO, City of Kenner**  
(504-468-4090 | jgonzalez@kenner.la.us)



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

Signature: \_\_\_\_\_

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: July 16, 2024

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

**Name:**

Gulf South Engineering and Testing,  
Inc.

**Public Address:**

Mr. Chad Poche, PE15 Veterans Memorial Boulevard  
Kenner, Louisiana 70062

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004626	Active	07/27/2010	03/31/2025	Mr. Chad Mitchell Poche# PE.0027667



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

**Mr. Chad Mitchell Poche**

License/Certificate Type - Number

PE.0027667

Expiration Date

09/30/2024

Status: **Active**



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

**Mr. Ralph P. Fontcuberta Jr.**

License/Certificate Type - Number

PLS.0004329

Expiration Date

09/30/2024

Status: **Active**



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**Gulf South Engineering and Testing, Inc.**

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

This certification is valid from 12/27/2023 to 12/27/2024 .

Certification No. 11011

Stephanie Hartman,  
Director, Entrepreneurial Services





**USACE CERTIFICATE  
OF  
LABORATORY VALIDATION**



**Gulf South Engineering and Testing**

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

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

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

**06 MAY 2024 AT 14:40 HOURS**

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

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

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

**AGGREGATE**

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

**CONCRETE**

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

**SOILS**

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



## CERTIFICATE OF ACCREDITATION



### Gulf South Engineering and Testing, Inc.

in

**Kenner, Louisiana, USA**

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

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

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 04/11/2024 at 12:54 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Gulf South Engineering and Testing, Inc.*

8/15/2023

DATE



SIGNATURE

