

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Laboratory Services as needed for Inspections of Materials and Equipment SOQ 24-023 Resolution No.144326

B. Firm Name & Address:

Intertek PSI
724 Central Avenue
Jefferson, LA 70121

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:

Reda Bakeer, PhD, PE, Chief Engineer
email: reda.bakeer@intertek.com
phone: (504) 733-9411
address: 724 Central Ave., Jefferson, LA 70121

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.

Reda Bakeer, PhD, PE, Chief Engineer
email: reda.bakeer@intertek.com
phone: (504) 733-9411
address: 724 Central Ave., Jefferson, LA 70121

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

<u>3</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>7</u> Project Managers
<u>14</u> Construction Inspectors	<u> </u> Landscape Architects	<u>3</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>30</u> TOTAL

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

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

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
1. N/A		
2. N/A		
H. Has this JOINT-VENTURE previously worked together? Please check: YES <input type="radio"/> NO <input checked="" type="radio"/>		
I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, 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	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
J. Please specify the total number of support personnel that may assist in the completion of this Project: <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"> <small>Varies by project</small> </div>		

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Leo Keegan, Building and Construction Branch Manager

Project Assignment:

Construction Services Project Engineer

Name of Firm with which associated:

Intertek-PSI Jefferson

Years' experience with this Firm:

8

Education: Degree(s)/Year/Specialization:

- Bachelor of Science in Civil Engineering- University of New Orleans- 2017
- Master of Science in Civil Engineering - University of New Orleans - 2023
- Graduate Certificate in Ocean & Coastal Engineering - University of New Orleans - 2023

Active registration: Year first registered/discipline:

- Engineer Intern - E.I. # 33362 - LAPELS, 2017
- PDCA and PDI - PDA Operator Certification
- ACEC and AIA of Louisiana - Emerging Leaders Institute Graduate
- Basic 8 Plus Safety Training
- ACI Concrete Field-Testing Technician Certification
- Nuclear Density Certification
- TWIC
- Department of Natural Resources (Louisiana) Water Well Contractor's License
- Department of Environmental Quality (Mississippi) Water Well Contractor's License

Other experience and qualifications relevant to the proposed Project:

Mr. Keegan is the Branch Manager of Intertek-PSI's New Orleans Geotechnical Engineering, Construction Materials Testing, and Building Science Solutions divisions. As Branch Manager, Mr. Keegan supervises and leads a staff of more than 60 personnel and is responsible for PSI's full-service AASHTO-accredited and USACE-validated laboratory. Mr. Keegan also is responsible for a wide variety of technical and project-related activities, such as: preparing proposals for new project opportunities, coordinating drilling activities, assigning laboratory testing, performing engineering calculations, and preparing reports with geotechnical recommendations. His experience includes project management for governmental, commercial, educational, municipal, industrial, in both the public and private sectors. Project elements included levees, flood control, power plants, airports, highways and streets, bridges, pipelines, deep foundations, retaining walls and retention systems, universities, schools, warehouses, subdivisions, and multi-story buildings. Mr. Keegan's engineering experience in geotechnical analysis includes, shallow and deep foundation design, total and differential settlement, slope analysis, lateral load analysis for deep foundations and foundations on soft soils, seepage analysis, and soil bearing capacity.

- Representative Project Experience**
- New Northern Terminal, Airside Apron, and East Parking Garage, Louis Armstrong International Airport (MSY)
 - New Orleans Superdome Renovations
 - Praxair Hydrogen Unit, Shell Convent Facility
 - NASA Greenpeace Solar Farm, Michoud Facility
 - Causeway Boulevard Widening, New Orleans, Louisiana
 - I-10 Bent Protection Walls, Port Allen, Louisiana
 - U.S. Foods Facility Expansion, Marrero, Louisiana
 - Naval Air Station Joint Reserve Base Additions, Belle Chasse, Louisiana
 - Children's Hospital Expansion, New Orleans, Louisiana
 - Waste Water Treatment Plant, Thibodaux, Plaquemines and Jefferson Parish, Louisiana
 - Port Allen High School Additions, Port Allen, Louisiana
 - McDonald's Restaurant, Multiple Locations in Louisiana and Mississippi
 - Family Dollar and Dollar General Store, Multiple Locations in Louisiana
 - CVS and Walgreens, Multiple Locations in Louisiana

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Reda Bakeer, PhD, PE, Chief Geotechnical Engineer
Project Assignment:
Geotechnical Engineer Expert Principal Consultant
Name of Firm with which associated:
Intertek-PSI Jefferson
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
<ul style="list-style-type: none"> • 1985, Doctor of Philosophy in Civil Engineering, Syracuse University • 1981, Master of Science in Civil Engineering, Syracuse University • 1976, Bachelor of Science in Civil Engineering, Ain Shams University, Cairo, Egypt
Active registration: Year first registered/discipline:
<ul style="list-style-type: none"> • Professional Engineer, #27123, Louisiana, 1997 • Professional Engineer, #111241, Texas, 2012
Other experience and qualifications relevant to the proposed Project:
<p>Dr. Bakeer is presently the Chief Engineer for Professional Service Industries, Inc.'s (PSI) southeast region. He has over 48 years of professional experience in the field of Geotechnical Engineering. Dr. Bakeer worked at the design office of the design build firm The Arab Contractors of Egypt between 1976 and 1979. His responsibilities included structural and foundation design of industrial and commercial facilities. In 1997, he joined Gore Engineering, Inc. as a Senior Geotechnical Engineer. In 2007, Gore Engineering, Inc. was acquired by Ardaman and Associates, Inc. (AAI) where Dr. Bakeer worked until joining Intertek-PSI in September 2014.</p> <p>Dr. Bakeer's professional experience encompasses the design of field and laboratory subsoil engineering investigations for various geotechnical engineering projects including residential developments, commercial and industrial structures, highways and bridges, ports, earth retaining structures and flood protection structures. He performs analyses pertaining to deep foundations, shallow foundations, foundation repair, retaining walls, bulkheads, deep excavations, soil dynamics, coastal restoration, seepage, landfills, geosynthetics and other geotechnical engineering applications.</p> <p>Dr. Bakeer is also a Professor Emeritus at the Tulane University School of Science and Engineering and an Adjunct Professor at the Tulane Department of Environmental Health Sciences, School of Public Health. During the period between 1985 and 2007, he was a Professor at the Tulane Department of Civil and Environmental Engineering. During his tenure at Tulane, he conducted several research projects sponsored by the USACE, LA BOR, LTRC/DOED, LDEQ, DOE, DoD and other funding agencies. He also served on several review panels for NSF, State Department, EPA and others. He has extensive experience and numerous publications in geotechnical engineering, foundations, geosynthetics, computer modeling, trenchless pipelines rehabilitation and experimental testing. Some of his research projects include Evaluation of Proposed Hazardous Waste Injection at Geismar (LDEQ), Expert Geographical Information System for Assessing Hazardous Wastes in Aquatic Environments (DOE), Waste Minimization Development in Louisiana Crude Oil and Gas Exploration/Production Facilities (LDEQ), Evaluation of Statistical Procedures for Interpretation of Groundwater Monitoring Data Proposed by Chemical Waste Management, Inc. and Uniroyal Chemicals (LDEQ), Water Quality in the Mississippi River (Freeport McMoran Corp.), and MRGO Channel Operations and Maintenance Improvement Plan (USACE).</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lucas Patterson, Field and Laboratory Manager
Project Assignment:
<ul style="list-style-type: none"> - Lead Laboratory Technician - All soils and concrete strength testing - Daily oversight of laboratory operations
Name of Firm with which associated:
Intertek-PSI Jefferson
Years' experience with this Firm:
14
Education: Degree(s)/Year/Specialization:
Education: Baker High School 1994-1998 Louisiana Tech University 1999-2006
Active registration: Year first registered/discipline:
ACI Concrete Laboratory Testing Technician ACI Aggregate Testing Technician ACI Concrete Field Testing Technician ACI Aggregate Base Testing Technician ACI Concrete Strength Testing
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Patterson has performed materials testing services on a variety of USACE projects, ranging from Levee Enlargements to Floodwall Construction. His responsibilities include concrete testing and inspection, nuclear density testing, pile logging, pile load tests, and vibration monitoring. He is the lead laboratory technician for all soils and concrete strength testing.</p> <p>Mr. Patterson has also performed the all required lab testing on the following projects:</p> <ul style="list-style-type: none"> • JSP-07 Bonnabel Pumping Station, Metairie, LA • St. John the Baptist Parish Public Library, Laplace, LA • Nucor Steel, Convent, LA • OPCSO Intake Processing Center, New Orleans, LA • Sela 07B, Harahan, LA • Sela 07A, Harahan, LA • Permanent Canal Closures and Pump Stations, New Orleans, LA • New University Medical Center, New Orleans, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Steven Stock, Project Manager
Project Assignment:
Manage projects, site development, infrastructure upgrades and building construction; specialized in production oriented geotechnical and construction materials testing on federal, municipal and commercial projects.
Name of Firm with which associated:
Intertek-PSI Jefferson
Years' experience with this Firm:
35
Education: Degree(s)/Year/Specialization:
Civil Engineering Coursework University of New Orleans 1982 – 1984 Associates of Science in Architectural and Civil Engineering Delgado Community College 1982
Active registration: Year first registered/discipline:
American Concrete Institute (ACI) - Special Construction Inspector American Concrete Institute (ACI) - Certified Field Inspector Radiation Safety Officer/Instructor Certified Nuclear Gauge Density Gauge Operator OSHA Certified Asphalt Plant, Site Inspection, Soils Level 1
Other experience and qualifications relevant to the proposed Project:
With almost four decades of experience in construction materials testing and management, Mr. Stock has a strong background in project management, scheduling, and coordinating field activities. His expertise includes overseeing the testing of subgrade soils, fill/backfill placements, foundation evaluations, HVAC systems inspections and concrete testing on a wide range of industrial, public, commercial, and residential projects. He is well-versed in adhering to recognized standards such as ASTM, ACI, ANSI, AASHTO, API, and various codes while conducting tests on soils, asphalt, concrete, and non-destructive evaluations.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lance Temple, Senior Field Technician
Project Assignment:
Manage the field and laboratory testing needs
Name of Firm with which associated:
Intertek-PSI Jefferson
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
1995, L.W. Higgins, High School Diploma
Active registration: Year first registered/discipline:
ACI Concrete Field Testing Technician – Grade I Reinforcing Steel Inspection Pile Load Testing Fireproofing Inspection LADOTD Authorized Density Tester PSI Radiation Safety Program
Other experience and qualifications relevant to the proposed Project:
Mr. Temple has been a lead inspector for the Jefferson, LA PSI office for 12 years. He has been responsible for the startup and execution of large-scale development projects in various parts of Louisiana. In this role, he performs or provides oversight to all aspects of construction materials testing and inspection. His experience on unique, high profile projects with accelerated schedules and high quality standards has provided him with the skill set necessary to manage the field and laboratory testing needs of the area's largest and most significant projects. His work throughout Louisiana with its highly variable soil types has allowed him the opportunity to develop a large database of best construction practices as they relate to varying soil conditions in the surrounding geography. With this experience, he's able to help both designers and contractors safely and quickly navigate problems encountered during site prep, back fill and grading operations, and roadway construction, saving projects from extended time delays and unplanned cost overruns. In addition to his practical knowledge of construction material performance, he brings a safety- first approach to the jobsite. As a lead field inspector, he has been responsible for leading job box safety talks and mentoring junior technicians on the proper use of equipment and jobsite safety protocols. He has been awarded multiple performance based safety bonuses which is reflective of his focus on his personal safety and the safety of those around him.

TEC Professional Services Questionnaire

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

PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Caesars Superdome, Phase I, II, III —New Orleans, LA</p> <p>Louisiana Stadium & Exposition Eileen Long 504-587-3920</p>	<p>The Caesars Superdome has gone through \$450-million in upgrades and renovations since the catastrophic damage incurred during Hurricane Katrina. The Louisiana Stadium and Exposition District (LSED) is conducting a reconfiguration of the stadium with current clubs and suites being expanded, new and improved food and beverage services, new entry gates, and new seating opportunities for disabled guests. Intertek-PSI was retained for monitoring construction activities to include pile driving, concrete placement and vibration monitoring during the latest phase of construction. Throughout the duration of the project, Intertek-PSI has provided observation and inspection services on improvements in various areas including: Parking Garage 2, Gate C Bridge, Level-700, Superdome Grand Stairway, Videoboard upgrades and LaSalle Street North Restrooms.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Started April 2014 and is ongoing with projected completion Fall 2024</p>	<p>\$450M</p>	<p>PSI Fees: \$625,000</p>

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Reconstruction of Chalmette Slip Wharves A & F (Arabi, LA)</p> <p>St. Bernard Port, Harbor and Terminal District C/O Volkert, Inc. Janet L Evans (225) 218-9440</p>	<p>The Reconstruction of the Chalmette Slip Wharves A & F is located at the Arabi Terminal on the Lower Mississippi River. The facility features a calm-water slip referred to as the "Chalmette Slip." The Slip is 1,500 feet long by 300 feet wide, with six sections of cargo wharves on each side. The wharves are divided into two docks. Dock #1 is 1300 ft. long by 150 ft. wide, featuring 3 rail spurs with loading and offloading capability, it also includes a 40,000 sq. ft. dry bulk storage warehouse and an addition 40,000 sq. ft. area used as a transit shed. Dock #2 is approximately 1,684 feet long by 150 feet wide and includes 130,000 sq. ft. warehouse and a 40,000 sq. ft. transit shed.</p> <p>This project's aim was to restore existing Dock #1 Section A and Dock #2 Section F. Wharf A was removed from cargo operations in 2004 due to a deteriorating concrete deck and removed from berthing in 2009 to reduce stress on the aging structure. The initial rehabilitation project, in 2012, resulted in more damage. During construction, a 300 ft. section of the bulkhead wall collapsed. As a result of the failing concrete, the load carrying capacity of Dock #2 Section F is significantly lower than the other rehabilitated areas of the Slip. Dock #2 Section F had limited functionality with restrictive areas until for cargo placement.</p> <p>As a subconsultant to Volkert, Inc. Intertek PSI's scope of services included creating a site and surface description including groundwater information, site seismic class and liquefaction potential. The geotechnical conditions leading to the failure at Dock #1 Section A was investigated. Soil profiles based on historical geotechnical investigations at Dock #1 Section A and Dock #2 Section F were performed. The evaluation conducted at Wharves A & F including sheet pile analyses, slope stability analyses and construction recommendations for pile quality control measures and instrumentation.</p> <p>Field Exploration: Lightweight Drilling Equipment Geotechnical Laboratory Testing CU-Triaxial Test Engineering Pile Capacity Analyses Slope stability analyses using Spencer's method</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>2021</p>	<p>\$13M</p>	<p>PSI Fees: \$247K</p>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Lower West Mississippi Seepage Control Project (Ascension Parish, LA)</p> <p>MTC Construction, LLC Ricardo Moreno Jr. (337) 441-5141</p>	<p>Falling Head Permeability Tests The PSI contracted scope of work included conducting four Falling Head Permeability tests for Field Measurement of Hydraulic Conductivity Using Borehole Infiltration and four soil borings. PSI's drilling plan included the usage of a track-mounted drilling rig to perform field exploration. Three borings were drilled to a depth of approximately 56 feet below the ground surface at the proposed relief well locations, while one boring was drilled to a depth of approximately 71 feet below the existing ground surface.</p> <p>Relief Well Installation PSI conducted 15 soil borings to evaluate subsurface conditions for the installation of relief wells. The soils borings were located on the protected side of the levee, requiring PSI personnel to plan accordingly. The purposes of the geotechnical investigation were to:</p> <ul style="list-style-type: none"> - Evaluate the subsurface soil conditions at the project site by performing fifteen (15) 3-inch diameter soil borings at the proposed well locations for USACE review prior to the installation of the relief wells; - Perform geotechnical laboratory tests on selected soil samples recovered from the borings made at the project site; and - Deliver a geotechnical data report summarizing the field and laboratory results. <p>Unique Characteristics of PSI's involvement in this project:</p> <p>Field Exploration ATV Mounted Drilling Equipment Drilling within 1,500 feet of the MRL Permeability Test</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	Unknown	PSI Fees: \$83K

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Point Pleasant Seepage Relief Well Project—Phase III</p> <p>United States Army Corps of Engineers C/O Griffin Dewatering Austin Johnson (314) 750-5490</p>	<p>The Point Pleasant Relief Well Project included the installation of 42 relief wells north of River Road in Iberville Parish, Louisiana. The relief wells were installed on the protected side of the levee and will span a distance of approximately 3 miles.</p> <p>The PSI scope of services included drilling and sampling of soil boring pilot holes at the relief well locations, conducting laboratory testing on recovered samples, and providing a data report of findings. Due to the location of the project site and since the exploratory boring is close to the Levee system, the geotechnical field exploration activities at the project site required a Letter of No Objection from the appropriate governing authority through a permit request including the United States Army Corps of Engineers (USACE), Coastal Restoration and Protection Authority (CPRA) and the appropriate levee board. PSI identified a project team consisting of experienced professionals to meet the project needs and requirements in an efficient, high quality, and timely manner.</p> <p>As requested, PSI plans conducted a total of 42 pilot hole soil borings: 10 borings will be terminated 2 feet below the bottom of the screen elevation at a depth of approximately 97 feet below existing site grade (Elev. -72'), while 32 borings will be terminated at a depth of approximately 126 feet below existing site grade (Elev. -102'). It is understood that sampling of the materials should begin 20 feet above the top of screen elevation, therefore, considering that the top of screen is expected to be placed at Elev. -30', sampling of the subsurface materials will begin at Elev. -10' (about 35 feet below existing site grade).</p> <p>Unique Characteristics of PSI's involvement in this project:</p> <p>Field Exploration Track Mounted Drilling Equipment Geotechnical Laboratory Testing CU-Triaxial Test Engineering Settlement estimation using PSDDF Slope stability analyses using Spencer's method</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	Government Est: \$2.2M	PSI Fees TD: \$204K

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bayou Fatma Improvements Bayou Fatma Vicinity of Wall Boulevard (Gretna, LA)</p> <p>Jefferson Parish—Engineering Clinton Hotard (504) 736-6500</p>	<p>PSI completed a geotechnical exploration for the proposed improvements to both banks of Bayou Fatma, extending approximately 1,700 linear feet from the intersection of Bayou Fatma with Wall Boulevard to the intersection of Alison Drive with Whisper Lane in Gretna, Louisiana. The project limits extend from the intersection of Bayou Fatma and Wall Boulevard, to the intersection of Alison Drive and Whisper Lane. The project area covers an approximately 1700-foot segment of the existing open earthen-channel section of Bayou Fatma. Based on a review of the historical Google Earth images, the side slopes of both banks along Bayou Fatma have experienced several recurring sloughing failures at various locations.</p> <p>The purpose of this study was to evaluate the subsurface conditions along the banks of Bayou Fatma within the above-mentioned project limits and develop geotechnical engineering recommendations and guidelines for use by others in preparing appropriate design and other related construction documents for the proposed slope repairs. Our scope of services included a reconnaissance of the project site, drilling the soil borings, select laboratory testing, and preparation of this geotechnical report. Our scope of services included drilling five (5) soil borings along the project alignment on top of the bayou banks.</p> <p>Field Exploration Truck Mounted Drilling Equipment Geotechnical Laboratory Testing UU-Triaxial Test Engineering Sheet Pile Wall Analysis Slope stability analyses using Spencer's method</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$444K	PSI Fees: \$13K

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Airline Traffic Circle, Metairie, LA</p> <p>Jefferson Parish 1221 Elmwood Park, Suite 206 Jefferson, LA 70123</p>	<p>Intertek-PSI was contracted for Quality Control procedures involving the rehabilitation of the Airline Traffic Circle, a bustling multi-level rotary interchange experiencing considerable traffic volumes. The project was focused on implementing critical corrective measures and comprehensive repairs to ensure the sustained functionality and safety of this high-traffic infrastructure. Recognizing the paramount importance of maintaining a smooth flow of traffic and ensuring the structural integrity of the interchange, Intertek-PSI work closely with Jefferson Parish and the project team to devise and implement a strategic plan for rehabilitation, minimizing inconvenience to the community. The scope of work encompassed a thorough inspection, identification of deficiencies, and the formulation of precise corrective measures. Intertek-PSI's expertise was instrumental in completing a series of targeted repairs aimed at addressing the identified issues while mitigating disruptions to ongoing traffic operations. With a commitment to excellence and adherence to industry best practices, Intertek-PSI provided oversight for the execution of repair protocols that included structural enhancements, surface refurbishments, and implementation of reinforced safety measures. The collaborative efforts between Intertek-PSI and stakeholders involved in the project culminated in the successful rehabilitation of the Airline Traffic Circle. This endeavor not only resolved critical issues but also ensured the continued functionality and safety of this pivotal transportation hub, serving as a testament to Intertek-PSI's dedication to delivering high-quality solutions in complex infrastructural projects.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$12.51M	PSI Fees: \$72K

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Cypremort Point -Wave Attenuator System -Cypremort Point State Park in St. Mary Parish, Louisiana</p> <p>State of Louisiana PSI Client: Royal Engineers and Consultants, LLC (504) 309-4129</p>	<p>The project consisted of replacing an existing wave attenuator (i.e., breakwater) system damaged during Hurricane Gustav. The design considered three (3) different replacement options: Rock breakwater, OysterBreak structures, and Pile-supported structure. PSI was the geotechnical engineer on record. PSI performed field exploration (waterside borings), laboratory testing, and engineering analyses. PSI performed engineering analyses for the three (3) different replacement options being considered.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	Unknown	PSI Fees: \$1.5M

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Mississippi River & Tributaries Avondale Seepage Control Avondale, LA</p> <p>APC Construction Company, LLC Chris Smith (504) 539-4260</p>	<p>Scope of Services: The scope of the field and laboratory services included: logging and monitoring of pile placement, recording vibrations during pile driving and observation and testing of placed concrete. The range of services provided during the risk mitigation efforts assured the quality of the construction and the control of damaging effects to the existing area. Portable seismographic devices were deployed to monitor vibration levels at nearby structures and homes. This included categorizing spikes in seismic readings, in real-time by our technicians to alert project personnel to ensure that the driving of the required sheet piles did not cause further damage to the present facilities and residences. Each installed pile was logged by PSI technicians during driving operations for accurate records and reporting. Our technicians, in accordance with ASTM standards equipped our clients with peace of mind that materials used during construction met preconstruction standards and offered the best opportunity for project success. The concrete used in the field was sampled and then tested in our AASHTO and USACE validated laboratory, by our ACI certified lab personnel.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	Unknown	PSI Fees: \$10.5K

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
SELA-26 Widening of the Florida Avenue Canal (New Orleans, LA) United States Army Corps of Engineers C/O Southland Holdings Ryan Ruddy (570) 575-5404	<p>The SELA 26 Widening of the Florida Avenue Canal project is a massive flood mitigation undertaking involving work on an existing canal. The corridor in which the canal exists has been the subject of study since 1967. Engineers sought to provide a reliable transportation passageway between Orleans and St. Bernard Parish. The project aimed to remove and replace the existing canal with a reinforced concrete flume canal. Complications include drainage improvements, along with the relocation and replacement of railroad tracks.</p> <p>Project information provided by Southland Holdings indicates that drilling services will be required for the SELA 26 – Phase IV project for the purposes of instrumentation installation and well and piezometer placement for dewatering activities. It was understood that there are two volumes of work which require drilling services for this project: 1) Dewatering activities prior to excavation, and 2) instrumentation observation during subsurface work. It is further understood that the dewatering activities will require the placement of wells and piezometers set in 10-inch diameter borings, and that the instrumentation activities will require the placement of extensometers in 3-inch diameter borings, and vibrating wire piezometers and inclinometers in 4-inch diameter borings.</p> <p>PSI's scope of services is based on the information provided and PSI's experience in the general vicinity of the project site. The purposes of the geotechnical investigation will be to:</p> <ul style="list-style-type: none"> • Drill the borings to the required depth using wet rotary drilling methods and drilling fluid; and • The installation of wells and open piezometers in the 10-inch borings, the installation of the inclinometers in the 3-inch borings, and the placement of the extensometers and vibrating wire piezometers in the 4-inch borings. 	
Completion Date (Actual or estimated):	Estimated Cost:	
Ongoing	Entire Project: \$1.57.3M	Work for which Firm was Responsible: PSI Fees: \$899K

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
TNC Green Infrastructure Ship Shoal Pipeline Crossings Terrebonne Parish, Louisiana The Nature Conservancy Seth Blitch (225) 338-1040	<p>Localized erosion occurring at the intersections of pipeline canals with natural bayous is a pervasive problem in coastal Louisiana. Washouts at the intersections of pipeline canals occur with flow pattern disruption from pipeline canal construction and the creation of preferential flow pathways. As tidal exchange occurs at these areas, the velocity of water entering and exiting the canal can exceed threshold conditions and entrain sediment retained within the channel banks of the pipeline canal. As erosion occurs, vegetation reestablishment is impaired, which further reduces the threshold conditions for erosion. The TNC Green Infrastructure project was proposed to implement localized reduction measures at five sections of Shell's Ship Shoal Pipeline using green techniques. As part of the green initiative, the proposed construction consisted of installing artificial oyster reefs and reestablishment of coastal marsh through sediment containment and reduction of shoreline energy. PSI explored the subsurface conditions at the canal intersections and provided geotechnical analyses and a data report for support of the design. The engineering analyses included recording of the existing water bottom elevations, performing extensive consolidation testing, and determining the physical and engineering characteristics of the subsurface soils at each of the five sites.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2014	Entire Project: Unknown	Work for which Firm was Responsible: PSI Fees: \$110K

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.		
2.	PSI, from time to time, has been involved in legal or administrative proceedings as a plaintiff or defendant. With annual fees exceeding \$250 million and with approximately 1,800 employees nationwide, we do not maintain a comprehensive historical listing of claims.	
3.	With assets exceeding \$300 million, no claim, individually or claims collectively could adversely affect your projec.	
4.		

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

Website

www.Intertek.com/building/psi/


Engineering News Record (ENR) Ranking

- Intertek-PSI was ranked #22 in the 2024 Top 500 Design Firms
- Ranked #7 in the Top 50 Designers in International Markets
- Ranked #12 in the Top 100 Pure Designers

Project & Sales Volume

- PSI performs approximately 30,000 projects/year.

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

Signature:  Print Name: Leo Keegan
 Title: Branch Manager Date: 7/10/24

Statement of Qualifications

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Reda Bakeer, Ph.D., P.E.
_____, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Chief Engineer of Professional Service Industries, Inc. (Entity),
the party who submitted a Statement of Qualifications (SOQ) to As-Needed Laboratory Services for
Inspections of Materials and Equipment - SOQ 24-023 (Briefly describe the services the SOQ
will cover), to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Affiant further said:

Debt Disclosures

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

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

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

Affiant further said:

Solicitation of Campaign Contribution Disclosures

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

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

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

Affiant further said:

Subcontractor Disclosures

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

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

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

Affiant further said:

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

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

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


Signature of Affiant

Reda Bakeer, Ph.D., P.E.
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

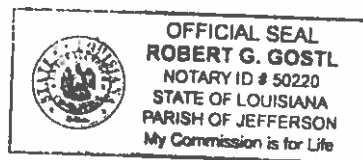
ON THE 9 DAY OF July, 2024.


Notary Public

Robert G. Gostl
Printed Name of Notary

50220
Notary/Bar Roll Number

My commission expires AT Death



STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

☒ WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

☒ **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

☒ **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required if selected below. Such insurance is due upon contract execution.

☐ **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

☐ **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.