

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-022 Laboratory Services as needed for Soils Investigation Services for the Department of Public Works - Resolution #144325

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 ☐ NO ☒

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	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:

Varies by 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. 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:
Reda Bakeer, PhD, PE, Chief Geotechnical Engineer
Project Assignment:
Principal in Charge/Chief Engineer
Name of Firm with which associated:
Intertek-PSI Jefferson
Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
Ph.D. / 1985 / Civil Engineering M.S. / 1981 / Civil Engineering B.S. / 1976 / Civil Engineering
Active registration: Year first registered/discipline:
Professional Engineer / 1997 / P.E. 0027123
Other experience and qualifications relevant to the proposed Project:
<p>Dr. Bakeer is presently the Chief Engineer of the Louisiana offices of Professional Service Industries, Inc., providing technical support and direction for the Geotechnical and Construction Materials Testing groups. He has over 40 years of professional experience in the field of Geotechnical Engineering. Dr. Bakeer has been involved with several soil investigation projects throughout Jefferson Parish. Below are a few representative project:</p> <ul style="list-style-type: none">-Louis Armstrong/New Orleans International Airport (MSY), Kenner, LA-Jefferson Parish East Bank Water Treatment Plant Improvements, Jefferson, LA-Ridgewood Drive Pavement Improvement Stroelitz to Airline Drive, Metairie, LA-South Kenner Drainage Improvements, Kenner, LA-West Metairie Canal Improvements, Metairie, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Nabil Mikhail, P.E., D.GE Chief Geotechnical Engineer
Project Assignment: Senior Project Manager
Name of Firm with which associated: Intertek-PSI Jefferson
Years' experience with this Firm: 6
Education: Degree(s)/Year/Specialization: M.S. / Geotechnical Engineering / 1994 B.S. / Civil Engineering / 1984
Active registration: Year first registered/discipline: Professional Engineer, #35300, Louisiana - 2010
Other experience and qualifications relevant to the proposed Project: Mr. Mikhail is presently a Senior Geotechnical Engineer and has extensive professional experience in geotechnical engineering, including international expertise leading projects in the United States, Canada, and Middle East. He has a particular talent for providing integrated solutions in water, environment, and transportation to public and private clients. Mr. Mikhail's experience also includes project management for governmental, commercial, educational, municipal, industrial, and residential projects in both the public and private sectors. - Chalmette Slip Rehabilitation of Wharves A & F, Arabi, LA - Proposed Causeway Blvd Widening Project - Asphalt Mill & Overlay Project Bonabel Blvd from I-10 to Metairie Rd.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Ali Hijazi, Project Manager
Project Assignment: Project Management
Name of Firm with which associated: Intertek-PSI Jefferson
Years' experience with this Firm: 18
Education: Degree(s)/Year/Specialization: B.S. / 2008 / Construction Management
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: Mr. Hijazi has over 15 years of experience in geotechnical testing and management of various project types in the commercial, industrial, governmental arena. Mr. Hijazi's geotechnical duties include oversight and scheduling of all drilling operations (including internal and subcontracted drilling rigs), laboratory testing, production of soil boring logs, production of AutoCAD documents, generation of CPT reports, and production of geotechnical reports. -Asphalt Mill and Overlay Project, Bonabel Blvd from I-10 to Metairie Rd. -Proposed Causeway Blvd Widening Project, Airline Drive to West Napoleon Ave -Loumor Ditch and Woodvine Ditch Drainage Improvements, Metairie Country Club -Louis Armstrong New Orleans International Airport (MSY): Design Services for the North Terminal

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
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:
<ul style="list-style-type: none"> • 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:
<ul style="list-style-type: none"> • 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:
<p style="font-size: x-small;">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.</p> <p style="font-size: x-small;">Representative Project Experience</p> <ul style="list-style-type: none"> • 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, Metairie, Louisiana • Naval Air Station Joint Reserve Base Additions, Belle Chasse, Louisiana • Children's Hospital Expansion, New Orleans, Louisiana • Waste Water Treatment Plant, Thibodaux, Plaquemine 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:
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

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>Jefferson Parish East Bank Water Treatment Facility Water Intake Pump Station Improvements Jefferson, Louisiana</p> <p>Stantec 1340 Poydras Street, Suite 1420 New Orleans, LA 70112 Jeffrey Sapia (225) 532-3472</p>	<p>The purpose of this study was to explore the subsurface conditions at the subject site and prepare geotechnical related recommendations for the proposed construction. PSI's contracted scope of services included drilling two (2) soil borings, performing select geotechnical laboratory testing, and preparing a report.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	Unknown	\$16K

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 unfit 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:
2021	\$13M	PSI Fees: \$247K

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Southeast Louisiana Veterans Healthcare System Replacement Medical Center</p> <p>Department of Veteran Affairs Steve Azzinari (202) 603-4452</p>	<p>The project includes the construction of a new multi-building VA hospital campus encompassing about 30 acres of land bounded by Canal Street, South Galvez Street, Tulane Avenue and South Rocheblave Street in New Orleans, Louisiana. The total footprint of the buildings will be approximately 470,000 square feet with the number of floors ranging between three and ten. The buildings will be either of structural steel or cast in place concrete construction and shall be supported on pre-cast concrete pile deep foundations. This project will mark forever in New Orleans history pages as one of the single-largest construction projects in the city's history</p> <p>PSI performed a geotechnical study to explore the subsurface conditions at the site to enable evaluation of appropriate geotechnical design parameters for the proposed construction. Our scope of services included drilling soil borings at the site, performing select laboratory testing, and preparing a geotechnical report to provide foundation and pavement design recommendations as well as general site preparation guidelines.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$120M	PSI Fees: \$2.2M

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.</p> <p>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.</p> <p>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 128 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>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	Government Est: \$2.2M	PSI Fees TD: \$204K

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PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed 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>	
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>Louis Armstrong New Orleans International Airport Surface Drainage Pump Station Kenner, Louisiana</p> <p>Crescent City Aviation Team Louis Armstrong New Orleans International Airport 900 Airline Drive Kenner, Louisiana 70062 Robert Ensor, PE 813-281-7671</p>	<p>The Long Term Airport Development project for Louis Armstrong International Airport entails drainage improvements for the area located to the north of the airport and consists of the construction of a 600 cubic feet per second (cfs) Pump Station to be located near Canal 17 (Crestview Street), a control building/generator slab, and elevated discharge pipes between the Pump Station and the discharge basin located on the flood side of the U.S. Army Corps of Engineers (USACE) West Return Canal (WRC) hurricane flood protection floodwall (T-wall). PSI's scope of services included performing three (3) soil borings and four (4) Cone Penetrometer Test (CPT) soundings with pore pressure measurements (CPTu). The geotechnical report briefly presented available project information, outlined the testing procedures, described the site and subsurface conditions, and presented the results of our geotechnical engineering analyses with regard to global slope stability, pile foundation recommendations, lateral pressures, underground structures, bedding, sheet pile wall analysis, seepage analysis, and design and construction considerations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	Unknown	PSI Fees: \$118K

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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>Reach F Levee Mitigation Terrebonne Parish, Louisiana</p> <p>Terrebonne levee & Conservation District Reggie Dupre, Jr. (985) 868-8523</p>	<p>PSI explored the subsurface conditions at the marsh creation and borrow areas and provided geotechnical recommendations for construction of the earthen containment levees and placement of the marsh fill. The engineering analyses included estimation of long-term settlement of marsh fill over a 20-year design life, determination of marsh construction elevations, development of maximum containment levee construction elevations, and estimation of cut/fill ratios for the earthwork.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$250M	PSI Fees: \$73K

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PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Madison Bay Marsh Creation and Terracing Project (TE-51), LONR Contract No. 2503-08-65 Terrebonne Parish, Louisiana</p> <p>State of Louisiana Office of Coastal Protection and Restoration (225) 342-7308</p>	<p>The Madison Bay area has experienced tremendous wetland loss due to a variety of forces including subsidence, salt water intrusion, a lack of sediment supply, and oil and gas activities. The loss of these marshes has exposed significant infrastructure to open water conditions, and has made the areas situated to the north less suitable for various wildlife and fish species. The major objective of this restoration project is to use hydraulically-dredged soil material obtained from a nearby borrow site to create and nourish marsh in the Madison Bay area. The project includes the creation of approx. 417 acres of marsh, thereby nourishing approximately 258 acres of brackish marsh and creating approximately 24,600 linear feet of earthen terraces. Approximately one-half of the marsh creation area will be planted with smooth cord-grass or marsh hay cord-grass. Reducing shoreline erosion would protect about 6 acres of existing marsh (from existing marsh interrace field only), and the percent cover of submerged aquatic vegetation is projected to increase in the project area. PSI conducted subsurface exploration within the Madison Bay Project area by drilling nine soil borings to depths ranging from 25 feet to 60 feet below the existing mud line. Pontoon and airboat-mounted drill rigs were used to accomplish the drilling of the soil borings. In addition to the field exploration, a supplemental laboratory testing program was conducted to evaluate additional pertinent engineering characteristics of the foundation materials necessary in analyzing the behavior of the foundation system for the proposed construction. The Geotechnical report included settlement curves for marsh fill heights of various depths over the 20-year project life. Slope stability analyses for the earthen containment levees and earthen terraces were also performed, in addition to estimates of levee settlement both during and after construction using Spencer's method.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2010	\$39.8M	PSI Fees: \$145K

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>TNC Green Infrastructure Ship Shoal Pipeline Crossings Terrebonne Parish, Louisiana</p> <p>The Nature Conservancy Seth Blitch (225) 338-1040</p>	<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:	
	Entire Project:	Work for which Firm was Responsible:
2014	Unknown	PSI Fees: \$110K

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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.		
3.		
4.		

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.

With assets exceeding \$300 million, no claim, individually or claims collectively could adversely affect your project.

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 Professional Soils Investigation Services
for the Department of Public Works- SOQ 24-022 (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

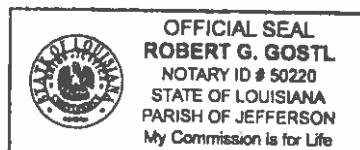
Reda Bakeer, Ph.D., P.E.
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 9 DAY OF May, 2021.


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.