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New Orleans, LA 70123
P (504) 818-3638

Jefferson Parish
SOQ 22-054 Miscellaneous Environmental Services
Resolution 140859

Terracon.com

January 6, 2013



524 Elmwood Park Blvd., Ste. 170
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Terracon.com

January 6, 2023

Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053

Re: SOQ No. 22-054
Miscellaneous Environmental Services

Dear Selection Committee:

Terracon Consultants, Inc. (Terracon) is extremely pleased to submit to Jefferson Parish our qualifications representing our team of professionals to provide miscellaneous environmental services such as small, site-specific environmental projects, environmental site assessments, corrective action plans, risk assessments, brownfields redevelopment, coastal use permit applications, coastal restoration planning assistance, research of regulations and available technologies.

Environmental considerations on projects are varied and complex. Whatever the circumstance, and wherever your existing operation or project is located, we have the breadth and depth of knowledge and experience to be your environmental consulting partner. With environmental scientists, geologists, engineers, and certified industrial hygienists located across the country we bring local knowledge to your project. Our familiarity with local, state, and federal regulations enables us to anticipate challenges and resolve them before they lead to costly project delays or disruptions in your daily operations. Our professionals guide you through timely solution pathways balanced by considering risk, sustainability, and financial implications.

Our nationwide network of environmental professionals enables us to handle routine environmental requests quickly and complex challenges with savvy. When you partner with Terracon, you'll have access to the industry's leading asbestos and lead services firm. You'll work with experienced professionals in environmental site assessments, site investigations and remediation, environmental planning (natural and cultural resources), regulatory compliance, industrial hygiene and occupational safety, and solid waste planning and design. Unique innovations like our Stage1 site selection tool and our proprietary InTerraact compliance tracking tool can help you understand potential environmental considerations on your next project or ongoing environmental commitments.

Terracon is committed to improving the communities where we live and work. As an example, our Brownfields services team assists communities across the country to secure grant funds for investigation and remediation of blighted properties with known or perceived environmental challenges. We work closely with communities to return those blighted areas into thriving areas of opportunity and redevelopment. The U.S. Environmental Protection Agency recognizes Brownfield projects with its highest honor, the Phoenix Award. Terracon has assisted more Phoenix Award-winning teams than any other environmental consulting firm.

Explore with us



Our team is ready to help meet whatever environmental challenges your business might face and guide you to successful solutions. On behalf of Terracon, we sincerely hope to be a part of your team and look forward to the opportunity to be of service.

Sincerely,
Terracon Consultants, Inc.

Zack "Lem" Dial P.E.
Office Manager | Principal
lem.dial@terracon.com

Attachments:
TEC Questionnaire

Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be dated and signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:
SOQ 22-054 Miscellaneous Environmental Services
Resolution 140859

B. Firm Name & Address where Project work will be performed:
Terracon Consultants, Inc.
524 Elmwood Park Blvd, Suite 170
New Orleans (Jefferson Parish), Louisiana 70123

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:
Zack "Lem" Dial, P.E.
Principal | Office Manager
524 Elmwood Park Blvd, Suite 170
New Orleans (Jefferson Parish), Louisiana 70123
P: 504-818-3638
E: lem.dial@terracon.com

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.
Zack "Lem" Dial, P.E.
Principal | Office Manager
524 Elmwood Park Blvd, Suite 170
New Orleans (Jefferson Parish), Louisiana 70123
P: 504-818-3638
E: lem.dial@terracon.com

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

<u>5</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>4</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u>13</u> Construction Inspectors	<u> </u> Landscape Architects	<u>4</u> Field/Testing Lab Techs
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u>1</u> Industrial Hygiene/Safety
<u>1</u> Engineer Intern	<u>3</u> Environmental Engineers	<u>4</u> Environmental Scientists
<u> </u> Professional Land Surveyors		<u>36</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: N/A
 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		
2.		
3.		

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

10

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:

Lem Dial, P.E.
Office Manager

Project Assignment:

Project Management

Name of Firm with which associated:

Terracon Consultants, Inc.

Years' experience with this Firm:

17 years

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2005 / Environmental Engineering

Active registration: Year first registered/discipline:

2009 / Registered Professional Engineer (Environmental) LA (34872)

Other experience and qualifications relevant to the proposed Project:

Lem has over 17 years of experience with environmental consulting in Louisiana. He has served as project manager for 4 Brownfield projects, managed all services for one Brownfield grant in its entirety, and has contributed on many levels to multiple other projects ranging from field services, technical expertise, QA services, and grant programmatic management assistance. His primary focus areas have been split evenly between building hazard assessments, such as asbestos, lead, and indoor air quality concerns and subsurface assessments of fuel stations, drycleaners, and other types of facilities that handle contaminants. Many of the hazard assessment projects that Lem has managed have gone to abatement/remediation and he has prepared numerous project specifications/designs, RECAP risk assessments and corrective action plans and overseen the associated clean-up work. He has also overseen projects that have went through the LDEQ VRP program. Lem provides quality and technical reviews of much of the hazard and subsurface projects being performed in Louisiana. He has also previously obtained an UST closure license and is a licensed water well contractor. He is accustomed to working in a team-oriented atmosphere where he coordinates/delegates responsibilities to the best person for the job. *Lem commonly serves as project/contract manager for public and government contracts and has a strong understanding of the administrative processes associated with providing such services.*

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jason Maloney, P.E. Environmental Department Manager
Project Assignment:
Environmental site assessments; brownfields redevelopment; regulatory compliance, corrective action plans
Name of Firm with which associated:
Terracon Consultants, Inc.
Years' experience with this Firm:
14 years
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2008 / Environmental Engineering
Active registration: Year first registered/discipline:
2013 / Registered Professional Engineer (Environmental) LA (38094)
Other experience and qualifications relevant to the proposed Project:
<p>Jason is an environmental manager with over 14 years of experience. Jason meets the qualifications of an Environmental Professional as defined by EPA's AAI. He has extensive experience in the completion of Phase I and Phase II ESAs, SPCC and SWPP plan development, small- and large-scale asbestos and lead surveys and abatement projects, indoor air quality assessments, mold evaluations, UST site assessment, remediation and closure, and preparation of RECAP Reports and Corrective Action Plans. He has provided asbestos inspections of structures ranging from single family homes to high-rise hotels, universities, and schools. Jason has assisted in the development of multiple abatement design projects and oversight of abatement activities for the safe and lawful removal of asbestos-containing building materials and implementation of asbestos operations and maintenance plans.</p> <p>Jason has been a LDEQ Certified Worker Closure Contractor since 2011. He has overseen the closure of dozens of USTs in accordance with the LDEQ UST Closure / Change-in-Service Guidance Document, effective May 1, 2010 (Guidance Document). Jason has overseen the closure of a UST systems for sites ranging from unregistered single-walled approximately 750-gallon former heating oil tank discovered during a construction project to the removal of 13 USTs ranging from 550 gallons to 10,000 gallons from a single outparcel during the redevelopment of a former filling station. He has also performed closure activities of modern retail fueling stations, including three 20,000-gallon fiberglass USTs and associated piping and fuel dispenser islands.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Steven Latiolais Environmental Group Manager
Project Assignment: Environmental site assessments; brownfields redevelopment; regulatory compliance, corrective action plans
Name of Firm with which associated: Terracon Consultants, Inc.
Years' experience with this Firm: 4 years (4 years with other firms)
Education: Degree(s)/Year/Specialization: Bachelor of Science / 2015 / Environmental Management Systems
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: <p>Steven is the Group Manager of Asbestos and Industrial Hygiene services in Terracon's New Orleans, LA office. He has eight years of experience which includes the coordination and management of multi-faceted, turnkey projects involving asbestos, lead-based paint, mold, groundwater monitoring, and geotechnical services.</p> <p>His experience also includes performing Phase I/II Environmental Site Assessments (ESA), site investigations in accordance with the Louisiana Department of Environmental Quality's (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) and using a Geoprobe 7822DT/SIMCO 2800 to log and perform advanced environmental assessment using direct push technology, temporary/permanent well installations, and Cone Penetration Tests (CPT).</p> <p>Steven has been heavily involved in managing field activities for the City of Alexandria, LA environmental surveys and led the activities for the former Brown's Dairy environmental surveys for the 150,000 square-foot building scheduled for demolition. He also managed numerous projects for HUD contracts through various programs.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Rachel Keane Senior Scientist	
Project Assignment:	
Environmental site assessments; brownfields redevelopment; regulatory compliance	
Name of Firm with which associated:	
Terracon Consultants, Inc.	
Years' experience with this Firm:	
5 years (22 years with other firms)	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science / 1997 / Limnology	
Active registration: Year first registered/discipline:	
Meets criteria for EPA AAI Environmental Professional	
Other experience and qualifications relevant to the proposed Project:	
<p>Rachel is a senior scientist with over 27 years of experience. She meets the requirements of EPA AAI Environmental Professional and as a Project Manager and Senior Reviewer for Phase I Environmental Assessments under this program. Rachel has been a contributing writer of documents required by the NEPA, conducted Phase I ESAs and threatened and assisted in natural resources surveys, and has provided guidance for regulatory compliance. Rachel completed 200+ Phase I ESAs and has assisted multiple Phase II ESAs. She has performed all aspects of Phase I ESAs including site reconnaissance and report preparation for sites throughout the Southeast. The ESAs have ranged from parcels of land less than an acre to 100+ acres. Rachel serves as a Project Manager with the City of Alexandria to facilitate the identification of sites for assessment and assists Terracon's Program Manager with administrative requirements and documentation as part of their EPA Brownfields Hazardous Substances and Petroleum Assessment Grant. She also prepared the Generic Quality Assurance Project Plan (QAPP) for the overall Brownfields program.</p> <p>Rachel was Project Manager for New Orleans Redevelopment Authority's Acquisition, Construction and Disposition Projects, New Orleans' Office of Community Development CDBG Programs and Louisiana Housing Corporation's Renovation and New Construction Grant Programs for 2016 Flooding Recovery where she was actively involved in HUD and CDBG programs, environmental site assessments, and environmental reviews.</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Diana M. Day, P.E. Project Engineer	
Project Assignment:	
Environmental site assessments, corrective action plans,	
Name of Firm with which associated:	
Terracon Consultants, Inc.	
Years' experience with this Firm:	
8 years (3 years with other firms)	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science / 2010 / Environmental Engineering	
Active registration: Year first registered/discipline:	
2016 / Registered Professional Engineer (Environmental) LA (40637)	
Other experience and qualifications relevant to the proposed Project:	
<p>Diana is a Project Engineer in Terracon's New Orleans, Louisiana office. As a project manager, she has experience in project setup, field investigation, sampling plan development, analytical data review and summary, regulatory interaction, and report preparation. Diana has performed various environmental engineering, environmental permitting, remediation, and consulting services. These services have included completion of Phase I and Phase II Environmental Site Assessments (ESA), NEPA assessments, SPCC and SWPP plan development, wastewater discharge permitting, and preparation of Risk Evaluation/Corrective Action Program (RECAP) Reports.</p> <p>Diana has experience in subsurface investigations for soil and groundwater. She has assisted in all phases of soil and groundwater sample collection, preservation, and shipping. She has served as the field engineer responsible for successful data collection. Diana has conducted RECAP evaluations involving identifying Areas of Concern (AOC) and Areas of Investigation (AOI), comparing results to the Screening Standards and various Management Options. She has also prepared corrective action plans and oversaw remedial action for various sites. Ms. Day has worked on many projects in Jefferson Parish and the surrounding area.</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
David Brunet Coastal/Wetland Specialist
Project Assignment:
Coastal Planning; Coastal Use Permits
Name of Firm with which associated:
Terracon Consultants, Inc.
Years' experience with this Firm:
1 year (22 years with other firms)
Education: Degree(s)/Year/Specialization:
Master of Science / 1995 / Biology Bachelor of Science / 1994 / Biology
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Brunet has 22 years of experience as a coastal/wetlands consultant. He has conducted field work associated with wetland delineations and Coastal Use Permits. For various projects, he performed various rare and endangered species surveys and habitat surveys.</p> <p>For four years, Mr. Brunet served as the Environmental Program Manager / Coastal Zone Administrator for the St. Tammany Parish Government. In this role, he was responsible for reviewing all local Coastal Use Permits for compliance with local and state regulation and issuing permits as appropriate. He ensured that all parish projects followed local, state, and federal environmental permits and assisted various state and federal agencies in data collection efforts on the Pearl River System in St. Tammany Parish.</p> <p>While in this role, he led several notable efforts to increase environmental and coastal awareness:</p> <ul style="list-style-type: none">• Produced St. Tammany Parish's first Coastal Master Project List for prioritizing coastal restoration projects.• Led the effort to start the first local government-owned wetland mitigation bank and led the effort to begin a parish environmental education program in the local school system.• Led the effort to begin a beneficial use of dredge material program for St. Tammany Parish to help with Coastal Restoration.• Served as a citizen representative on the Lower Pearl River Ecosystem Study Commission started by the LA Legislature.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Karen Weber Staff Scientist
Project Assignment:
Regulatory Research; Environmental Site Assessments
Name of Firm with which associated:
Terracon Consultants, Inc.
Years' experience with this Firm:
1 year 14 years with other firms
Education: Degree(s)/Year/Specialization:
B.S. Environmental Engineering
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Karen has more than 15 years of experience in the environmental and engineering fields. She has experience working for a variety of clients in the federal, state, and local agencies. Karen brings expertise in community education and outreach, public involvement and participation, non-profits, MS4 permitting, site safety plans, electrical distribution system planning, energy management, stormwater, water and wastewater master planning, spill prevention, control, and countermeasure plans, stormwater pollution prevention plans, environmental site assessments, remediation action plans, asbestos inspection and abatement, personal exposure monitoring, archeological surveys, construction oversight, and project management.

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:	
Former Entergy Market Street Power Plant Redevelopment New Orleans, LA 1600 S Peters, LLC 400 Poydras Street, Suite 2620 New Orleans, LA Peter Aamodt (504) 908-8871 Paamodt1@gmail.com	Phase I ESA, Limited Site Investigation, Hazardous Material Survey, Voluntary Remedial Investigation, Closure Services Terracon was contracted by 1600 S Peters, LLC to provide environmental services in association with the redevelopment of the Former Entergy Power Plant. The five-acre site is located at 1600 S Peters Street in New Orleans, Louisiana. Environmental services provided at the site to date include a Phase I Environmental Site Assessment, Hazardous Materials Survey, Limited Site Investigation and Voluntary Remedial Investigation. <i>Staff included: Project Manager: Diana Day, PE, Lem Dial, PE, Jason Maloney, PE, Rachel Keane, Steven Latiolais</i>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	N/A	\$182,500

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p>City of Alexandria – USEPA Brownfield Assessment Grant Application and ESAs</p> <p>Alexandria, LA</p> <p>City of Alexandria 625 Murray Street Alexandria, Louisiana 71301</p> <p>Shirley Branham (318) 449-5070 Shirley.Branham@cityofalex.com</p> <p><i>I can't say enough good things about Terracon! We have worked with several different people in the company and every single one of them have gone above and beyond to make sure our staff understands what they are doing, meeting our guidelines and getting it done on time within our budget... I'd be lost without them!</i></p> <p>Shirley Branham, CBO City of Alexandria, Administrator (EPA Region 6)</p>	<p>Regulatory Research; Phase I & Phase II ESAs, Brownfield Redevelopment, Community Outreach</p> <p>The scope of services for this project consists of programmatic support including ACRES database reporting, quarterly and annual reporting, EPA policies and procedures, progress meetings, financial coordination, and closeout reporting. Additional program support includes community outreach, and assisting the City in reviewing, prioritizing, and selecting their properties for their brownfield inventory. Once sites are identified, Terracon will perform Phase I and Phase II ESAs, oversight of subconsultants, Quality Assurance Project Plans (QAPPs) and reuse/remediation cleanup plans as needed.</p> <p>Through the hazardous substances and petroleum grant funds, Terracon is prepared to conduct 10 Phase I ESA reports and six Phase II ESAs in accordance with the ASTM All Appropriate Inquiry (AAI) requirements, to identify recognized environmental conditions that may hinder the proposed acquisition and redevelopment of sites. In addition, Terracon will develop a generic QAPP and Site-Specific QAPPs for projects requiring Phase II assessment. In support of the City's Remediation and Reuse Planning task under the City's Brownfields Program, Terracon will prepare up to four Analysis of Brownfield Cleanup Alternatives (ABCAs), a Brownfield Revitalization Plan, and will participate in two Vision Sessions/Charrettes to further engage key properties owners, the public, and City officials to fully realize the goals established under the Brownfields Program.</p> <p><i>Staff included: Project Manager- Rachel Keane, Authorized Project Reviewer (APR); Lem Dial, PE, Task Manager; Diana Day, PE</i></p>

TEC Professional Services Questionnaire

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$300,000	\$300,000

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
MBSD Winn-Dixie Voluntary Remediation Program New Orleans, LA McCormack Baron Salazar Development 720 Olive Street, Suite 2500 St. Louis, MO 63101 Judith Jones Moran (314) 335-2820 Judith.JonesMoran@mccormackbaron.com	<p>Terracon's environmental consulting services have included performing a comprehensive asbestos survey and limited hazardous materials survey, a hazardous materials abatement specification, Phase I Environmental Site Assessments (ESA), Voluntary Remedial Investigation Work Plan and Application, Voluntary Remedial Investigation, Partial Voluntary Remedial Work Plan and Application.</p> <p>The Hazardous Materials Abatement Specification served as a guidance document for the proper removal of identified asbestos-containing materials, lead-based paint and universal wastes.</p> <p>The Voluntary Remedial Investigation Work Plan documented the approach and methods that are proposed to collect soil, groundwater and soil vapor samples at the site as required by the Voluntary Remediation Program (VRP) in a manner consistent with LDEQ Risk Evaluation/Corrective Action Program (RECAP). The Work Plan included the installation of a total of seventeen (17) soil borings which will be converted into temporary monitoring wells and four soil gas samples. The investigation workplan was implemented upon approval by LDEQ.</p> <p><i>Staff included: Project Manager – Jason Maloney, PE; APR – Lem Dial, PE.; Phase II Task Manager – Diana Day, PE.; ESA Task Manager – Rachel Keane</i></p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
03/2021	\$170,000	\$170,000

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Brown's Dairy LSI New Orleans, LA Brian Gibbs Development, LLC 400 Poydras Street, Suite 2620 New Orleans, LA Peter Aamodt (504) 908-8871 Paamodt1@gmail.com	<p>Phase I ESA, Limited Site Investigation, Hazardous Material Survey, Abatement Oversight, UST Closure</p> <p>As part of environmental due diligence, Terracon performed a Phase I ESA. Based on a review of readily available records, the site had previously been investigated and received site closure. Several volatile constituents were detected in the soil and groundwater. The previous investigation did not evaluate the potential for migration of volatile constituents into enclosed structures. The Phase I ESA recommended additional investigation to evaluate subsurface conditions as related to potential impact to enclosed spaces proposed to be constructed on the site.</p> <p><i>Staff included: Project Manager- Diana Day, PE, APR – Lem Dial, PE; Rachel Keane, Jason Maloney, PE, Steven Latiolais</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$66,150	\$66,150

TEC Professional Services Questionnaire

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Former Times Picayune Facility New Orleans, LA 3800 Howard Investors, LLC 330 N. Causeway Blvd., Suite 400 New Orleans, LA 70002 Peter Aamodt (504) 908-8871 Paamodt1@gmail.com	Hazardous Materials Survey, Phase I Environmental Site Assessment, Limited Site Investigation, RECAP Investigation, Corrective Action Terracon was contracted by MCC Real Estate to provide environmental services in association with the redevelopment of the former Times Picayune facility. The site is located at 3800 Howard Avenue and encompasses approximately 9 acres of land. The site operated as the Times Picayune newspaper from the late 1960s to January 2016. Environmental services provided at the site to date included the completion of a Hazardous Materials Survey, Phase I Environmental Site Assessment, Limited Site Investigation, RECAP Investigation, and preparation of a Hazardous Materials Abatement Specification and Demolition Bid package. <i>Staff included: Project Manager- Diana Day, PE, APR – Lem Dial, PE.; Support Team: Jason Maloney, PE</i>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$429,000	\$429,000

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Vacant Property (Hill Street) New Orleans, LA New Orleans Public Belt Commission for the Port of New Orleans 1350 Port of New Orleans Place New Orleans, LA 70130 Emily Federer (504) 710-3128 emily.federer@portnola.com	Phase I & II ESA, Corrective Action Plan Terracon was retained by the New Orleans Public Belt Commission for the Port of New Orleans (NOPBC) to assist with site closure services as part of environmental due diligence. A Phase I Environmental Site Assessment (ESA) and subsequent Phase II ESA were performed by other on behalf of the potential buyers as part of a pending property transaction. The Phase II ESA dated September 2020, identified detections of polycyclic aromatic hydrocarbons (PAH) constituents: benzo(a)pyrene and benzo(b)fluoranthene above the Risk Evaluation/Corrective Actions Program (RECAP) Screening Standards for soil at non-industrial sites in one sampling location. Due to the identified exceedances, Terracon prepared a Corrective Action Plan, dated January 22, 2021, to LDEQ for their review and approval. The Work Plan was approved March 8, 2021. As part of corrective action activities, Terracon oversaw the excavation of 21 tons of impacted soil. Confirmation samples were collected and submitted for analysis of PAH. The confirmation results indicated that the impacted soil had been successfully removed. A Post Corrective Action Report was submitted and approved by LDEQ. Subsequently, LDEQ issued a No Further Action determination for the site. <i>Staff included: Project Manager- Diana Day, PE, APR – Lem Dial, PE</i>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
05/2021	\$21,588	\$21,588

TEC Professional Services Questionnaire

PROJECT NO. 7

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Port of New Orleans As-Needed Environmental Consulting Services New Orleans, LA</p> <p>Port of New Orleans 1350 Port of New Orleans Place New Orleans, LA 70130</p> <p>Amelia Pellegrin (504) 528-3301 amelia.pellegrin@portnola.com</p>	<p>Terracon provided as-needed environmental site assessments, remediation, and compliance assistance in support of the Port of New Orleans wide-ranging and complex multimodal operations from 2018 through 2021.</p> <p>The Port of New Orleans owns, operates, and maintains extensive real estate and facilities along the Mississippi River to service their diverse national and international client's ever growing and changing transportation and distribution needs. Since the initiation of contract services, Terracon provided environmental consulting services in various capacities including on-site technical services for asbestos inspections, asbestos abatement design, wastewater sampling and analysis and permitting compliance, and hazardous materials surveys.</p> <p>Port of New Orleans properties that Terracon has provided services include:</p> <ul style="list-style-type: none"> ■ Port of New Orleans Administration Building ■ Universal Maritime FRT Berth ■ Harmony Street Wharf ■ Julie Street Cruise Terminal and Passenger Bridge ■ Nashville Wharf <p>Terracon completed or 12 projects for the Port of New Orleans during the contract.</p> <p>In addition, Terracon provided more traditional environmental consulting services to offer carefully reviewed information and guidance to Port staff in their decision-making processes. Terracon reviewed historical and regulatory files and records in support of highly sensitive and confidential proposed property acquisitions. Using extensive professional experience and knowledge of State and Federal regulatory guidelines, Terracon quickly evaluated risks, and delivered useful and understandable information to the client.</p> <p><i>Staff included: Project Manager- Rachel Keane, Jason Maloney, PE, Lem Dial, PE</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$300,000	\$300,000

TEC Professional Services Questionnaire

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Caminada Beach Limited Site Assessment Port Fourchon, LA</p> <p>Greater Lafourche Port Commission c/o Picciola & Associated 115 Picciola Pkwy. Cut Off, LA 70345</p>	<p>Terracon conducted a Limited Site Assessment (LSI) on approximately 5,000-linear-feet of beach Caminada Beach, located in Port Fourchon, Louisiana. This beach was impacted during the Deepwater Horizon Oil Spill in 2010, where clean-up crews spent months cleaning oil from the beach. The goal of this investigation was to determine the presence or absence of indicator compounds associated with petroleum hydrocarbon contaminants and the potential impact of contaminants prior to planned beach and dune restoration and construction of a surge protection wall at this location.</p> <p>The scope of services was not intended to identify every chemical contaminant potentially associated with the site or to determine the extent or magnitude of any contamination. A scope of services was developed to identify evidence of gross contamination in the shallow subsurface that would be encountered during construction activities. As part of the approved scope of work, 25 soil borings were advanced at pre-selected locations using a track-mounted direct pull-push drilling rig to a maximum of depth of approximately 10 feet below ground surface. During these activities, two privately-owned stretches of the beach had to be accessed. Due to time and access restrictions to the privately-owned land, Terracon's sampling plan and drill rig mobilization path was developed to minimize surface impact and drilling time. Photographic documentation of all field activities was performed to verify conditions were returned to original status.</p> <p>Soil samples were collected from the soil borings using a four-foot duel tube macro-core sampler. To minimize sampling time in the field each macro-core sampler was capped with and sealed new vinyl caps, and labeled with permanent ink. Sample intervals were placed in an insulated container and preserved on ice for transport to Terracon's office for screening and logging. At the completion of field activities, Terracon abandoned the borings with soil cuttings and completed to match surrounding surfaces with clean commercial grade sand.</p> <p>The samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel and Oil Range Organics (TPH DRO/ORO) by United States Environmental Protection Agency (USEPA) Method 8015B. Based on sensory observations in the field and analytical results of the LSI, evidence of gross contamination from petroleum hydrocarbons was not identified. In all, Terracon implemented the scope of services of the LSI in a manner that met both the client's needs while working within the limitations of third party landowners.</p> <p><i>Staff included: Jason Maloney, PE</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$17,900	\$17,900

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PROJECT NO. 9						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>New Orleans Redevelopment Authority Environmental Consulting New Orleans, LA</p> <p>New Orleans Redevelopment Authority 1409 Oretha Castle Haley Blvd New Orleans, Louisiana 70113</p> <p>Tiffany Lawson (504) 658-4409 tjlawson@nola.gov</p> <p style="color: #a52a2a;"><i>The timely manner in which these projects are completed and received approval has been integral to Terracon continuing to provide these services to NORA.</i></p>	<p>Phase I Environmental Assessments, NEPA Environmental Review Records, Risk Assessments, Coastal</p> <p>The New Orleans Redevelopment Authority (NORA) partners in projects and programs supported by Housing and Urban Development (HUD) programs such as Community Development Block Grant (CDBG), Neighborhood Stabilization Program 2 (NSP2), Project HOME Again, and others. These programs are generally utilized for the purchase and/or redevelopment of residential housing, improvement of existing commercial properties and development of new public parks throughout the City of New Orleans.</p> <p>NORA contracted with Terracon to provide various environmental consulting services under a three-year contract. These services include the completion of Environmental Reviews as required by the National Environmental Policy Act (NEPA) of 1969; Phase I Environmental Site Assessments (ESA) and Limited Site Investigations (LSI) / Phase II ESA; Lead inspections, risk assessments, clearance inspections and associated reporting as required by 24 CFR Part 35; and asbestos inspections and consulting services.</p> <p>To date, Terracon has been contracted to perform lead surveys for seven properties, asbestos surveys for five properties, performed lead clearance sampling for four properties, NEPA Environmental Reviews in accordance with 24 CFR Part 58 Environmental Assessments (EA) for 32 properties, a LSI for one property, a Phase I Cultural Resource Survey for one property, and a Phase I ESA for 5 properties. The EA projects have included a combination of EA checklists. Items included within the EAs generally included the identification of historical resources and consultation with SHPO; toxics and hazardous materials/wastes; floodplain and proximity to levee system; proximity to airport; noise; and barrier islands.</p> <p>Terracon was also tasked to develop a Tier I Programmatic Evaluation in support of NORA's Community Adaptation Program (CAP) in the Gentilly neighborhood of New Orleans, Louisiana. The Tier II evaluation sheet is intended to assess the program's overall environmental impact. The CAP is intended to reduce individual and collective risk over time by reducing localized flooding, improving public health, increasing public awareness of storm water management impacts, and improving economic conditions. The CAP included the installation of rain gardens, planter boxes to collect storm water, rain barrels, detention basins, tree-planting, reduction of impervious surfaces, and infiltration trenches. Terracon was also tasked with developing a Tier II Programmatic Evaluation sheet to be utilized to assess the specific environmental impacts once an individual property was identified. This effort is on-going.</p> <p><i>Staff included: Lem Dial, PE, Rachel Keane, Diana Day, PE</i></p>					
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">Ongoing</td> <td style="text-align: center; padding: 5px;">\$92,000</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	Ongoing	\$92,000
Entire Project:	Work for which Firm was Responsible:					
Ongoing	\$92,000					

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Whitney Bank Complex Phase I Environmental Assessment New Orleans, LA Songy Highroads, LLC 6 Concourse Parkway Atlanta, Georgia 30328 tw@songnyhighroads.com	<p>The Whitney Bank Complex is a historical landmark located in the heart of the New Orleans Central Business District. The complex began development in the late 1880s when the safety deposit vault building was constructed. The complex has continued to grow and primarily has been utilized as a banking facility. As part of a real estate transaction, Whitney Bank contracted Terracon Consultants to perform a Phase I Environmental Site Assessment (ESA) for the 292,000-square foot historical complex and an Asbestos Survey for the 173,000-square foot High Rise Towers.</p> <p>The Phase I ESA site reconnaissance was completed during the initial site visit. The Asbestos Survey was conducted over an additional five days by a Louisiana-licensed asbestos inspector. A total of 92 samples were taken from the high-rise towers.</p> <p>The Phase I ESA did not identify any Recognized Environmental Conditions (RECs) associated with the site. Additionally, results from the Asbestos Survey identified various asbestos containing materials throughout the high-rise towers. Confirmed asbestos containing materials included but was not limited to flooring, insulation, duct work, and drywall materials. Terracon provided recommendations for removal of the asbestos containing materials in accordance with regulatory guidelines.</p> <p><i>Staff included: Lem Dial, PE, Rachel Keane</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$8,700	\$8,700

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. None		
2.		
3.		

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

TERRACON CONSULTANTS, INC.

Terracon is a 100 percent employee-owned consulting engineering firm providing quality to clients. Since 1965, Terracon has evolved into a successful multidiscipline firm specializing in:

Facilities
Environmental
Geotechnical
Materials

Over its history, Terracon has achieved significant expansion through both internal growth and acquisitions. Terracon currently has more than 5,500 employees across more than 175 locations nationwide. Additionally, we partner with our U.S. clients to serve their international needs. The firm's success is further evidenced by a current ranking of 24 in *Engineering News-Record's* 2021 listing of the Top 500 Design Firms, and our ninth consecutive year of ranking #1 in the Environmental – Asbestos & Lead category. Terracon's growth is due to dedicated employees who are responsive to clients, provide quality services, and take advantage of opportunities in the marketplace.

Terracon provides services on thousands of projects each year. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.

Environmental Services

Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.

Due Diligence + Transactional Support
Site Investigation and Closure
Remedial Design and Implementation
Brownfields + Site Redevelopment
Asbestos and Industrial Hygiene Consulting
Disaster Response
Environmental Planning and Permitting
Landscape Architecture, Planning, and Design
Regulatory Compliance
Solid Waste Planning and Design

SAFETY

Safety is one of Terracon's core values and our commitment to an *Incident and Injury-Free™ (IIF™)*¹ philosophy is one of the pillars of our culture. Successful execution and delivery include the need to work safely and keep our employees and the public safe **every** day. Terracon is very much a safety-oriented company. We have built health and safety into all aspects

TEC Professional Services Questionnaire

of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an *IIF* moment and safety discussion.

CLOSING

Terracon's Workload Capacity

Terracon's staff and resources provide maximum flexibility to meet our clients' scheduling needs. The nature of our work requires us to typically provide services on an expedited basis. Our typical backlog is made up of many short duration assignments and therefore, our workload varies on a weekly basis. Furthermore, long-term contracts are of indefinite quantity making workload dependent upon individual work orders, and difficult to predict.

Our workload capacity is sufficient to enable us to respond successfully to emergency situations and quick turnaround projects. Based on our prior experience, we believe our present and future workload capacity is more than adequate to conduct the required services for the contract in a timely and efficient manner.

On behalf of the individuals that comprise the Terracon Team, we appreciate the opportunity to be involved in the planning and selection for this very important and complex contract for Jefferson Parish. We look forward to your favorable selection of our team.



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

Signature: _____ **Print Name:** Zack "Lem" Dial, P.E.

Title: Principal | Office Manager **Date:** 01/6/2023