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CPRA



TECHNICAL PROPOSAL

Contracts Nos. 4400027474 & 4400027480
IDIQ Contracts for Environmental Permitting & Biological
Services Statewide

Providence Proposal No. 2023-040-416

08/22/2023



Coastal Wetlands Planning, Protection, and Restoration Act



CPRA via AP

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number. ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ Contracts for Environmental Permitting and Biological Services, Statewide
2. Contract Number(s) as shown in the advertisement	4400027474 and 4400027480
3. State Project Number(s) , if shown in the advertisement	N/A
4. Prime consultant name (<i>name must match as registered with the Louisiana Secretary of State where such registration is required by law</i>)	Providence Engineering and Environmental Group LLC
5. Prime consultant license number (<i>as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law</i>)	Engineering EF.0002504 Surveying VF. 0000648
6. Prime consultant mailing address	1201 Main Street, Baton Rouge, LA 70802
7. Prime consultant physical address (<i>existing or to be established, if location is used as an evaluation criteria</i>)	1201 Main Street, Baton Rouge, LA 70802
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Aimee' Killeen, Company Manager/COO 225-766-7400 aimeekilleen@providenceeng.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Aimee' Killeen, Company Manager/COO 225-766-7400 aimeekilleen@providenceeng.com

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

10. This is to certify that all information contained herein is **accurate and true**, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Signature above shall be the same person listed in Section 9:

Arnee P. Killeen

Date: 8/22/2023

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate **which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.**




Firm(s): **GAEA Consultants, LLC**

Firm(s)' %: **5%**

12. PAST PERFORMANCE EVALUATION DISCIPLINE TABLE

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

The **only** past performance evaluation disciplines to be used are Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).




Past Performance Evaluation Discipline(s)	% of Overall Contract	Providence Engineering and Environmental Group LLC 	ENCOS, INC. 	GAEA Consultants, LLC 	Each Discipline must total to 100%
ENVIRONMENTAL	100%	85%	10%	5%	100%
PERCENT OF CONTRACT	100%	85%	10%	5%	100%

13. FIRM SIZE

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (please specify)” and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

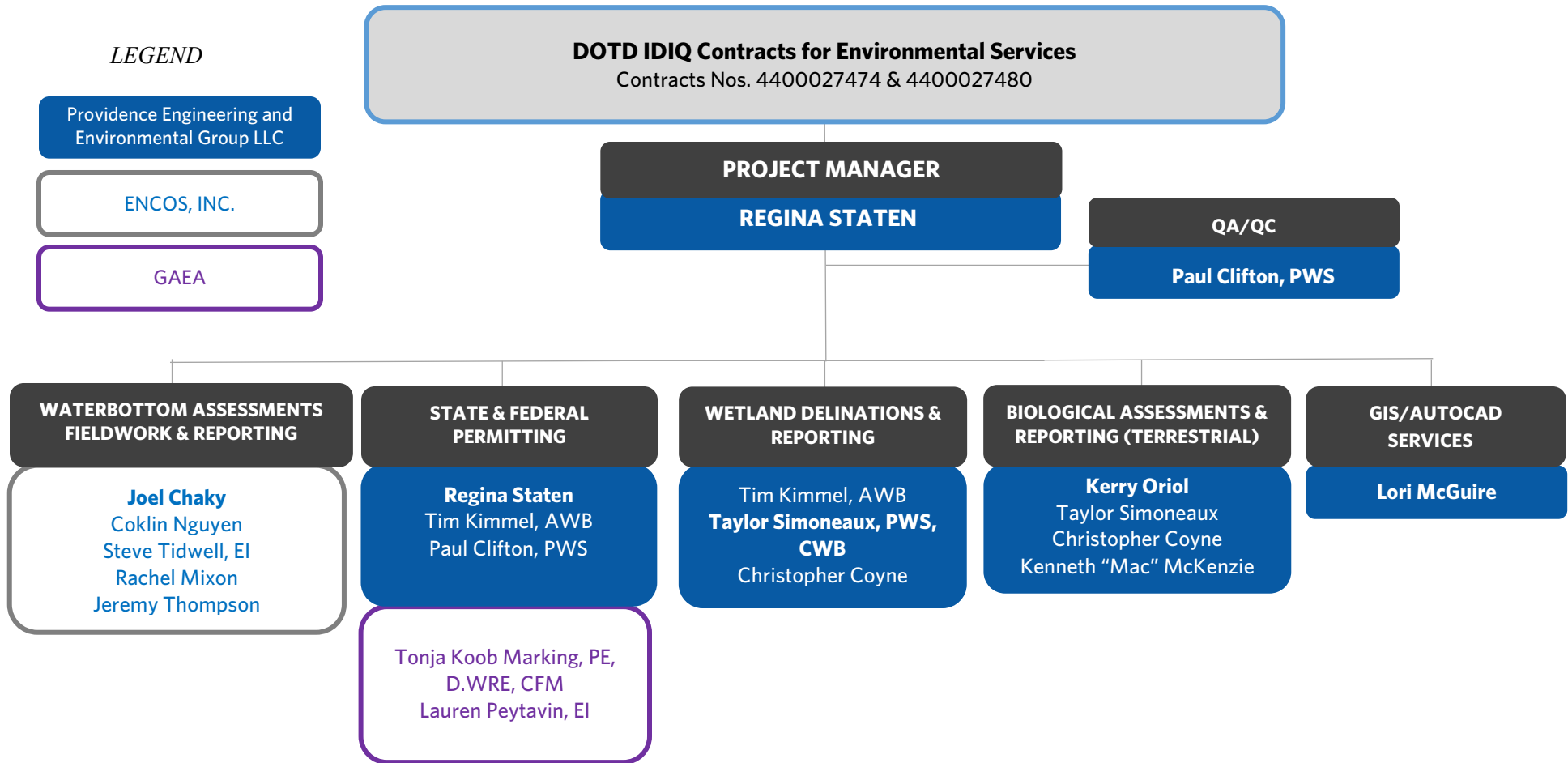
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC			
	Supervisor – Other	1	1
	Environmental Manager	1	1
	Biologist/Wetlands	5	7
	GIS Analyst	1	4
ENCOS, INC.			
	Biologist/Wetlands	1	1
	Principal	1	1
	Professional	3	7
GAEA CONSULTANTS, LLC			
	Engineer	1	1
	Engineer Intern	1	4

(Add rows as needed)

14. ORGANIZATIONAL CHART

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual’s role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



15. MINIMUM PERSONNEL REQUIREMENTS

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; (e.g., *professional civil engineer should show the discipline of the license as civil if meeting that MPR.*)

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Kerry Oriol	Providence Engineering and Environmental Group LLC	NEPA & Transportation Decision Making	LA	N/A
2	Paul Clifton, PWS	Providence Engineering and Environmental Group LLC	Professional Wetland Scientist #3326	LA	2026
3	Regina Staten	Providence Engineering and Environmental Group LLC	Richard Chinn 38-Hour USACE Wetland Delineation Training No. 7381	N/A	N/A
4	Tim Kimmel, AWB	Providence Engineering and Environmental Group LLC	Associate Wildlife Biologist	N/A	N/A
5	Taylor Simoneaux, CWB, PWS	Providence Engineering and Environmental Group LLC	Professional Wetland Scientist #3321; Certified Wildlife Biologist	LA	2025; 2024
6	Joel Chaky	ENCOS, Inc.	Open Water Scuba I Diver# 0214698	N/A	N/A
	Coklin Nguyen		Open Water Scuba Diver #7ADR9E8		
	Rachel Mixon		Open Water Scuba Diver #3597629		

	Jeremy Thompson		Open Water Scuba Diver #9F6RCBC		
7	Christopher Coyne	Providence Engineering and Environmental Group LLC	Richard Chinn 38-Hour USACE Wetland Delineation Training No.8969; Gopher Tortoise Combination B Training	N/A	N/A
8	Joel Chaky Steven Tidwell Rachel Mixon	ENCOS, Inc.			
9	Lori McGuire	Providence Engineering and Environmental Group LLC			

16. STAFF EXPERIENCE

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	PAUL CLIFTON, PWS	Years of relevant experience with this employer	19
Title	Impact Assessment Services Director	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization:		MS,1986,Forestry, LSU	BS, Forestry,1982, Louisiana Tech
Active registration number / state / expiration date		3326, LA, 1-9-2026	
Year registered	2021	Discipline	Professional Wetland Scientist
Contract role(s) / brief description of responsibilities		QUALITY ASSURANCE/QUALITY CONTROL MANAGER, PERMITTING	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(Ongoing)	Project Manager: Traylor–Massman Joint Venture, Louisiana Department of Transportation and Development (LA DOTD), Belle Chasse Bridge and Tunnel Replacement P3 Project, State Project No. H.004791, Plaquemines and Jefferson Parishes, LA. Serving as Project Manager for the environmental compliance component of the project. Responsible for assisting the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetlands surveys, Stormwater Pollution Prevention and Control Plans, audits, and inspections.		
(Ongoing)	Project Manager: City of Baton Rouge/East Baton Rouge Parish Public Works and Planning Center, Twin Oaks Bridge Project, East Baton Rouge Parish, LA. Served as Project Manager for wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of USACE.		
(04/19- 10/19)	Project Manager: East Baton Rouge Parish Department of Public Works, Cal Road Bridge Replacement Project, East Baton Rouge Parish, LA. Served as Project Manager for wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the USACE.		
(07/17-01/18)	Project Manager: LA DOT, I-10:415 To Essen Lane on I-10 and I-12, State Project No. H.004100.2, Federal Aid Project No.H004100, East and West Baton Rouge Parishes. Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Provided project oversight, resource allocation, and personnel management.		

(01/17-06/17)	Project Manager: <i>St. Helena Parish Police Jury, (Subconsultant to Aucoin & Associates), Six Bridge Replacements, St. Helena Parish, LA.</i> Wetland delineations, jurisdictional determination requests, and USACE Nationwide Permitting for six bridge replacement projects in St. Helena Parish.
(06/08-12/13)	Project Manager: <i>LA DOTD, Environmental Permitting Retainer Contract, Task Orders 1-3, State Project No. 700-99-0439, Federal Aid Project No. STP-9907 (526) / IM-1709(507), Statewide, LA.</i> Project scope included conducting 34 wetland delineations, four threatened and endangered species surveys, and obtaining state and federal permits for 63 individual bridge and road improvement projects in Louisiana. Each of the three task orders under this retainer contract included: USACE Section 10/104 permitting; LDNR, Office of Coastal Management, Coastal Use Permitting; U.S. Coast Guard bridge permitting; LDWF Louisiana Natural and Scenic River System permitting; LDEQ Water Quality Certifications; levee permits from various levee boards; and parish permits. The 63 projects involved coordination with various U.S. Army Corps of Engineers (USACE) districts including: Vicksburg, Galveston, Fort Worth, and New Orleans, as well as the U.S. Coast Guard, District Eight, and sectors New Orleans and Upper Mississippi River (St. Louis, MO). Task 1: 701-65-1002: 29 bridge replacement and road widening projects throughout Louisiana. Task 2: 701-65-1231: 20 bridge replacement and road widening projects throughout Louisiana. Task 3: 701-65-1489: 14 road elevation projects throughout Louisiana.
PAUL CLIFTON, PWS, has over 30 years of multi-discipline experience in wetlands and ecological services including: project/contract management, wetlands delineations and Section 404/Coastal Use permitting, habitat value assessments, interpretation of state and federal wetland regulatory requirements, liaison assistance with state and federal resource and regulatory agencies, and management of ecological studies and environmental investigations. Mr. Clifton has extensive experience in U.S. Army Corps of Engineers (USACE) Section 404 wetlands permitting and he has managed contracts for coastal restoration projects with the Louisiana Department of Natural Resources and the Coastal Protection and Restoration Authority and state-wide environmental permitting for the Louisiana Department of Transportation and Development. Mr. Clifton has also provided expert witness services regarding wetlands and coastal issues.	

Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	REGINA STATEN	Years of relevant experience with this employer	9
Title	Natural Resource & Coastal Services Director	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization:		BS, 200, Zoology, LSU	
Active registration number / state / expiration date		Richard Chinn 38-Hour Wetland Training, N/A, #7381	
Year registered	2014	Discipline	Wetlands
Contract role(s) / brief description of responsibilities		PROJECT MANAGER, PERMITTING - LEAD	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(06/22-12/22)	Project Manager: <i>Confidential Client, Desktop Route Environmental Analysis, South LA.</i> Conducted a desktop route environmental and cultural analysis of potential pipeline routes and created a permit matrix for each route. The environmental review included reviewing online wetland and hydrology data and cursory Recognized Environmental Conditions review.		
(01/19-06/19)	Project Manager: <i>Boardwalk Louisiana Midstream, LLC, Choctaw Brine Wells 32/33, Iberville Parish, LA.</i> Conducted wetland delineation, threatened and endangered species surveys, and provided regulatory agency permitting and liaison assistance for regulatory compliance for installation of two brine wells within an existing facility.		
(01/20-01/21)	Project Manager: <i>Gulf South Pipeline Company, LLC; Modeste Highway 1000 Facility Expansion Project, Assumption Parish, LA.</i> Managed ecological surveys and regulatory compliance, including technical reporting and liaison assistance for the proposed expansion of an existing facility.		
(01/15-06/15)	Project Manager: <i>Bayou Lafourche Fresh Water District, Mississippi River Reintroduction in Bayou Lafourche Project, Phase II; CWPPRA Project: BA-25b; Assumption Parish, LA.</i> Dredging of approximately 18 miles of Bayou Lafourche to increase freshwater flow from the Mississippi River. Provided regulatory agency permitting and liaison assistance for regulatory compliance, including USACE Section 10/404, LDNR Coastal Use Permit and a LDWF Fill License for dredging approximately 18 miles of Bayou Lafourche. In addition, conducted a wetland delineation and threatened/endangered species survey and prepared a wetland data report.		
(01/14-12/14)	Regulatory Specialist: <i>Bayou Lafourche Fresh Water District, Mississippi River Reintroduction in Bayou Lafourche Project, Phase I; CWPPRA Project: BA-25b; Assumption Parish, LA.</i> Dredging of approximately 6 miles of Bayou Lafourche to increase freshwater flow from the Mississippi River. Provide regulatory agency permitting and liaison assistance for regulatory compliance, including USACE Section 10/404, LDNR Coastal Use Permit and a LDWF Fill License for dredging approximately 6 miles of Bayou Lafourche.		
(01/21-12/21)	Project Manager: <i>Coastal Protection and Restoration Authority, Terracing and Marsh Creation South of Big Mar Project BS-0024; Plaquemines Parish, LA.</i> Proposed creation of approximately 380 acres of marsh and a terrace field. Managed cultural resources investigations of the marsh creation and terracing area and subsequent recommendations for National Register of Historic Places eligibility.		
(01/21-12/21)	Project Manager: <i>Coastal Protection and Restoration Authority, St. Catherine Island Marsh Creation and Shoreline Protection Project PO-179; Orleans Parish, LA.</i> Proposed creation of approximately 339 acres of marsh and a shoreline		

	protection. Managed cultural resources investigations of the marsh creation and terracing area and subsequent recommendations for National Register of Historic Places eligibility.
(01/19-06/19)	Project Manager: <i>Gulf South Pipeline Company, LLC, Proposed Index 301 Removal Project, St. Tammany Parish, LA.</i> Provided regulatory compliance assistance to obtain a LDWF Scenic Rivers for the removal of an existing exposed 8-inch-diameter natural gas pipeline in the Bogue Chitto River.
(01/18-12/19)	Project Manager: <i>Acadian Gas Pipeline, Environmental Permitting, West Baton Rouge Parish, LA.</i> Section 404 and 408 permitting for Acadian Gas' BRS 1 Port Allen Lock Crossing Project. The project includes lowering of an existing 16-inch-diameter pipeline across the Port Allen Lock (GIWW). Provided regulatory compliance assistance with acquiring levee district permit and USACE regulatory.
<p>REGINA STATEN has over fifteen years of experience in environmental compliance assistance and permitting. She has processed and managed numerous industrial, commercial, residential, and private sector projects to ensure regulatory compliance with all federal, state and local resource agencies. Her experience includes Louisiana Department of Natural Resources (LDNR)/Office of Coastal Management Coastal Use Permitting, U.S. Army Corps of Engineers (USACE) Section 10/404 and Nationwide permitting, levee board permitting, Special Use Permitting, Section 7, Section 106 and Section 401 permitting, and Storm Water Pollution Prevention Planning. Ms. Staten has conducted regulatory permitting in Louisiana, Mississippi, Arkansas, Kentucky, Alabama, Texas, Tennessee, and Florida. She has served as a liaison to multiple federal, state, and local regulatory and resource agencies. She was previously employed as a Coastal Resource Scientist Supervisor at the Louisiana Department of Natural Resources, Office of Coastal Management (OCM where she evaluated and made recommendations to Department officials regarding federal, state, commercial and private sector projects with potentially large environmental and/or legal consequences.</p>	

Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	KERRY ORIOL	Years of relevant experience with this employer	23
Title	NEPA Project Manager	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization:		BS, 1989, Fish & Wildlife Biology, LSU	
Active registration number / state / expiration date			
Year registered	2002	Discipline	NEPA and Transportation Decision Making
Contract role(s) / brief description of responsibilities		BIOLOGICAL ASSESSMENTS & REPORTING - LEAD	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(01/19-Ongoing)	<p>Environmental Project Manager: <i>Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.</i> This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addresses comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.</p>		
(01/19-Ongoing)	<p>Environmental Project Manager: <i>LA DOTD, LA 1/LA 415 Connector Environmental Assessment Reevaluation, State Project No. H.005121, Federal Aid Project No. H005121 West Baton Rouge Parish, LA.</i> A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and possible relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. Responsibilities: Management of project schedule, NEPA process and NEPA document revision, including revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.</p>		
(01/17-02/21)	<p>Environmental Project Manager: <i>LA DOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA.</i> A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12</p>		

	interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Responsibilities: Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(09/11-Ongoing)	Environmental Project Manager: <i>Northwest Louisiana Council of Governments (NLCOG), I-49 Inner Connector Stage 1 Environmental Impact Statement / NEPA, State Project No. 700-09-0171 (H.003915), Shreveport, Caddo Parish, LA.</i> Environmental Impact Statement (EIS) and interchange reports for the proposed I-49 Inner City Connector. Project involves all necessary engineering and environmental investigations to obtain environmental clearance on construction of a connector linking the existing I-49 to future I-49 North around Shreveport. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(01/20-Ongoing)	Environmental Project Manager: <i>Traylor Brothers, Inc., Comprehensive Environmental Protection Plan for State Project Number H004791 Belle Chasse Bridge and Tunnel, Plaquemines Parish, LA.</i> The preparation of a Comprehensive Environmental Protection Plan (CEPP) for the implementation of a LA DOTD transportation project. This first in the state plan requested by the LA DOTD involved the preparation of a master document designed to ensure commitments made in project's Environmental Assessment and permits as well as other applicable environmental regulatory requirements would be met before, during, and immediately after project construction. Multiple individual plans and training modules were developed to be housed within the CEPP with the goal of having no violations of environmental permits, mitigation, commitments, or regulations. Responsibilities: Development of the plan format and content, preparation of multiple sections and training materials, consistency review, and quality review. The plan was completed and accepted by the client and LA DOTD in May 2021 with Providence team members providing construction oversight and inspection that will continue through completion of construction.
KERRY ORIOL has over 33 years of multidisciplinary experience in the environmental field. She maintains expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), Environmental Assessment Statement (EAS), and Natural Resource Damage Assessments (NRDA), ecological studies and biological assessments, and mitigation planning and implementation for project specific impacts. Ms. Oriol's pre-consulting experience involved working within the former Water Pollution Control Division of the Louisiana Department of Environmental Quality's (LDEQ) Office of Water Resources and as a research associate with LSU.	

Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	TIM KIMMEL, AWB	Years of relevant experience with this employer	13
Title	Environmental Principal	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:		MS, 2010, Wildlife Science, LSU BS, 2008, Environmental Science	
Active registration number / state / expiration date			
Year registered		Discipline	Associate Wildlife Biologist
Contract role(s) / brief description of responsibilities		WETLAND SCIENTIST, PERMITTING	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(01/18-06/18)	Project Manager: <i>Enable Midstream Partners, LP, 25-Mile Texola Expansion Project, Harrison & Panola Counties, TX.</i> Conducted a wetland delineation and threatened and endangered species survey for 25 miles of new pipeline installation from Carthage to Waskom, Texas.		
(01/16-02/16)	Biologist/Project Lead: <i>Washington/St. Tammany Electric Cooperative, St. Tammany Parish, LA.</i> Conducted a wetland delineation and threatened and endangered species survey for an approximate 9-mile proposed overhead transmission line in St. Tammany Parish, LA.		
(07/17-01/18)	Biologist/Project Lead: <i>Louisiana Department of Transportation and Development (DOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.</i> Conducted wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Drafted and submitted a Wetlands Findings Report for DOTD’s review and concurrence.		
(01/14-06/14)	Biologist: <i>DOTD, Wetland Delineation for LA 70 Re-Route, Assumption Parish, LA.</i> Conducted a threatened and endangered species survey for wading bird rookeries and the presence of bald eagles for the LA 70 re-route project.		
(05/13-04/14)	Project Manager/Biologist: <i>Coastal Protection and Restoration Authority, (Sub to Coast & Harbor Engineering), Piping Plover Survey, Cameron Parish Shoreline Restoration Project (CS-33 SF) Cameron Parish, LA.</i> Providence conducted a Biological Assessment (BA) in compliance with Section 7(a)(2) of the Endangered Species Act which included reporting and pedestrian surveys (prior to and during construction) for piping plover. Surveys were conducted along the entire 8.7-mile shoreline to assist with determination of potential impacts of the proposed project. The BA focused on piping plovers, but also included sea turtles, gulf sturgeon and West Indian manatees. As required by the Bureau of Ocean Energy Management, Regulation and Enforcement, Providence completed an Environmental Assessment (EA) which analyzed potential impacts associated with the proposed project for issuance of a non-competitive negotiated agreement to CPRA for use of offshore sand resources. Assessment also involved an alternatives analysis of the proposed project on physical, biological, cultural, and socio-economic resources. Providence provided regulatory compliance services as well, specifically Office of Coastal Management Coastal Use and U.S. Army Corps of Engineers Section 10/404 permitting. A Noncompetitive Negotiated Agreement with the BOEMRE was obtained to mine sand in federal Gulf of Mexico waters for the project.		

(01/21-02/21)	<p>Project Manager: <i>Kinder Morgan, 315-mile Gopher Tortoise Survey, Alabama and Mississippi Counties.</i> Providence conducted a 315-mile gopher tortoise survey on existing TGP and SNG utilities right-of-way. The survey corridor was approximately varied between 40 and 100 feet and traversed 14 different counties in Mississippi and one county in Alabama.</p>
<p>TIM KIMMEL, AWB, and has a wide range of experience in conducting wetland delineations and field studies throughout Louisiana, Arkansas, Texas, Mississippi, Alabama, Florida, Indiana, Tennessee, and Ohio. He has also conducted threatened and endangered species surveys for red-cockaded woodpecker, gopher tortoise, Louisiana black bear, dusky gopher frog, yellow-blotched map turtle, golden cheeked warbler, black capped vireo, Louisiana quillwort as well as written Biological Assessments for the gopher tortoise, piping plover, and sea turtles for submittal to the U.S. Fish and Wildlife Service (USFWS). Mr. Kimmel has served as project manager for projects requiring permits from the U.S. Army Corps of Engineers (USACE), and the Louisiana Department of Natural Resources (LDNR) as well as levee board permits throughout the Gulf Coast parishes of Louisiana. Mr. Kimmel has extensive fieldwork experience, including work with the Louisiana Department of Wildlife and Fisheries (LDWF) on the Deep Water Horizon oil spill.</p>	

Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	TAYLOR SIMONEAUX, CWB, PWS	Years of relevant experience with this employer	8
Title	Environmental Scientist	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:		MS, 2015, Forestry, UGA BS, 2012, Natural Resources & Forestry, LSU	
Active registration number / state / expiration date		3321, 12/30/2025	N/A, 2024
Year registered	2020	Discipline	Professional Wetland Scientist / Certified Wildlife Biologist
Contract role(s) / brief description of responsibilities		WETLANDS SCIENTIST - LEAD	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(01/19-06/19)	Wildlife Biologist: <i>Hilcorp Energy Company, Atchafalaya Dent Repair Project, Paradis Pipeline Projects, St. Charles, Assumption, and St. Mary Parishes, LA.</i> Conducted colonial nesting wading bird surveys and bald eagle nest surveys for three projects at seven sites across south Louisiana per compliance with USACE permit conditions imposed by the USFWS and LDWF.		
(01/16-06/16)	Wildlife Biologist/Regulatory Specialist: <i>Boardwalk Louisiana Midstream, LLC, Lirette Tower Osprey, Terrebonne, LA.</i> Verified/monitored osprey nesting activity and provided subsequent consultation for compliance with the Migratory Bird Treaty Act associated with a structure removal project in Montegut, LA.		
(01/16-06/16)	Wildlife Biologist/Permitting Analyst: <i>Boardwalk Louisiana Midstream, LLC, Index 171 Repairs, Assumption Parish, LA.</i> Completed a Joint Permit Application for compliance with an Emergency Use Authorization and completed a colonial nesting wading bird survey, bald eagle nest search, and threatened and endangered species survey for a pipeline repair project in Belle Rose, LA.		
(03/20-05/20)	Lead Biologist: <i>Coastal Protection and Restoration Authority, West Grand Terre Structure Removal and Demolition, Jefferson Parish, LA.</i> Conducted pre-construction nest searches for shorebirds, wading birds, and other coastal nesting bird species prior to demolition of the Louisiana Department of Wildlife and Fisheries structures on West Grand Terre.		
(06/17-09/17)	Wildlife Biologist: <i>Enterprise Products Company, Biological Assessment, Ascension Parish, LA.</i> As per U.S. Fish and Wildlife Service directives, assisted in conducting twice-daily wading bird rookery survey to monitor disturbance during pipeline construction in Ascension Parish, LA.		
TAYLOR SIMONEAUX, CWB, PWS, areas of focus are wetlands, coastal, and ecological regulatory permitting/compliance, threatened and endangered species surveys, wetland delineations, Environmental Inspections, and project management. His experience in environmental and ecological compliance assistance includes: wetland delineations and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404/408 permitting, Louisiana Department of Natural Resources (DNR) Office of Coastal Management (OCM) Coastal Use Permitting; FEMA Floodplain Permitting; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations; State Historic Preservation Office (SHPO) Section 106 consultations; Environmental Inspections per standard Best Management Practices (BMPs) and Federal Energy Regulatory Committee (FERC) Plans and Procedures, and many local/Parish/municipal permitting requirements. He is actively involved in all phases of environmental permitting/compliance and project management for clients in industrial, commercial, governmental, and private sectors. Mr. Simoneaux’ s			

education and professional experience have exposed him to in-depth habitat analysis, wetland ecology and management, ecosystem restoration, coastal ecology, management, and restoration, plant identification, statistical analysis, wildlife biology, regulatory compliance/permitting, project management, and spatial analysis including the use of ArcGIS software.


Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	CHRISTOPHER COYNE	Years of relevant experience with this employer	2
Title	Field Biologist	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization:		BS, 2020, Natural Resource Ecology & Management, LSU	
Active registration number / state / expiration date			
Year registered	2022	Discipline	Gopher Tortoise Handling & Trapping
Contract role(s) / brief description of responsibilities		FIELD BIOLOGIST, BIOLOGICAL ASSESSMENTS & WETLANDS	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(1/23-ongoing)	<p>Field Biologist: <i>Farnsworth Group Inc., Gopher Tortoise Survey and Wetland Delineation and Reporting - Spire Theodore Lateral, Mobil County, AL.</i> Providence provided a wetland delineation, gopher tortoise survey, and subsequent reporting for an approximate 5-mile gas pipeline. Providence biologists documented potential jurisdictional wetlands and regulated other waters of the United States within the requested corridor and delineated the areas in accordance with the 1987 U.S. Army Corps of Engineers Wetlands Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region U.S. Army Corps of Engineers (USACE), Wetland Regulatory Assistance Program 2010). In conjunction with the wetland delineation, Providence biologists surveyed for threatened and endangered species, specifically the gopher tortoise (<i>Gopherus polyphemus</i>). Each burrow was status of either active, inactive, or old/abandoned was marked with flagging and wooden lathes. Upon completion of the fieldwork, a draft wetland data report/request for jurisdictional determination containing a narrative on the three wetland parameters, routine wetland determination forms, copies of site photographs, soils information, and maps showing areas of potential jurisdictional wetlands and other waters of the United States was submitted to the client for review and comment. Upon approval, the wetland data report/jurisdictional determination request was submitted to the USACE, Mobile District for review and concurrence. Providence also drafted a report of the survey results for submittal to the Alabama Department of Conservation and Natural Resources. Providence also provided scoping details and a map with coordinates showing locations of the burrows. Burrows labeled active or inactive were scoped with a video monitoring system to determine whether gopher tortoises were present. All state permits necessary were acquired prior to survey.</p>		
(01/21-ongoing)	<p>Field Biologist: <i>Traylor Bros. Inc. LLC, Belle Chasse Bridge & Tunnel Replacement, Plaquemines and Jefferson Parishes, LA.</i> Performed field inspection for wetland impacts and migratory bird habitat around bridge structure. For the Belle Chasse bridge and tunnel replacement project. Established field-app automated SWPPP and performed data management, creation of figures.</p>		
(01/23-ongoing)	<p>Field Biologist: <i>Kinder Morgan Inc., Gopher Tortoise Survey and Avian Survey – Don Haas Right of Way, Multiple Mississippi Counties, Statewide.</i> Conducted a gopher tortoise survey and avian survey across approximately 300 miles of right-of-way across multiple Mississippi Counties.</p>		

(01/23-ongoing)	Field Biologist: <i>Enterprise Products Company, 2022 Tri-State Gopher Tortoise Survey, AL, MS, and LA.</i> Providence will conduct a 162-mile gopher tortoise survey from Alabama to Louisiana as part of Enterprise’s agreement with the U.S. Fish and Wildlife Service.
(01/22-06/22)	Field Biologist: <i>Energy Transfer Company, Gopher Tortoise Survey, MS and Mobile County, AL.</i> Conducted a gopher tortoise burrow survey on the 90-mile SESH pipeline across multiple counties in Mississippi and Mobile County, Alabama.
(06/21-09/21)	Field Biologist: <i>Kinder Morgan, Gopher Tortoise Survey, Multiple Mississippi and Alabama Counties, MS and AL.</i> Conducted Gopher Tortoise Burrow surveys across multiple pipeline systems for over 300 miles of pipeline ROW, as well as coordinated and managed data collection across field personnel and maintained progress tracking via an online project-specific GIS dashboard. Responsibilities: Fieldwork, reporting, data management, figures.
(01/21-06/21)	Field Biologist: <i>Sunny Point Aggregates, LLC, Port Lake Sand Mine, Caddo and Bossier Parishes, LA.</i> Regulatory project manager for creation of an industrial sand mining facility and dredge operation adjacent to the Red River near Shreveport, LA. This included leading a wetland delineation/threatened/endangered species survey, completing a wetland data report/request for preliminary jurisdictional determination, securing Section 408 authorization, Section 10/404 compliance, and managing multiple subcontractors to complete topographic surveys, Phase I archaeological surveys (maritime and terrestrial), geotechnical soil borings, and slope stability analyses.
<p>CHRIS COYNE has worked as a Field Biologist with Providence since May 2021. Prior to joining Providence, Mr. Coyne worked as a Biotechnician in Lacombe, Louisiana for the USFWS. He was responsible for red-cockaded woodpecker banding/monitoring, rocket-netting, banding of wood ducks, mobile acoustical bat monitoring, gulf sturgeon sampling, dusky gopher frog monitoring, feral swine control, and wetlands restoration. Mr. Coyne earned a bachelor’s degree in Natural Resource Ecology and Management with concentrations in Wildlife Ecology and Management and Fisheries from the School of Renewable Natural Resources at LSU in May 2020. Mr. Coyne’s education and professional experience have exposed him to wetland ecology and management, ecosystem restoration, coastal ecology, management, and restoration, plant identification, invasive species control, and wildlife biology.</p>	


Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	LORI MCGUIRE	Years of relevant experience with this employer	18
Title	AutoCAD/GIS Specialist	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization:		AOS, 1992, Technical Drafting, ITI	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		GIS SPECIALIST - LEAD	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(01/08-01/09)	GIS/CAD Support: LA DOTD, Caminada Bay Bridge Replacement, Contract No. 4400000648, SPN. 064-01-0040, Task 1: 701-65-1002, Jefferson Parish, LA. Replacement of Caminada Bay Bridge on LA 1 near Grand Isle. Project tasks included a wetland delineation, Coastal Use, USACE, and U.S. Coast Guard Bridge permitting, in addition to coordination with LDWF regarding state water bottom dredging. Responsibilities: Prepared figures for report.		
(01-08-01/09)	GIS/CAD Support: LA DOTD, Coulee Creek Bridge, Contract No. 4400000648, SPN. 195-04-0026, Task 2: 701-65-1231, Calcasieu Parish, LA. Replacement of the Coulee Creek Bridge on LA 385 in Calcasieu Parish. Project tasks included a wetland delineation and USACE Section 404 permitting. Responsibilities: Prepared figures for report.		
(01/09-12/09)	GIS Support: LA DOTD, Stage 0 Feasibility Study and Environmental Inventory, State Project No. 700-57-0114, Abbeville Bypass, Vermilion Parish, LA. Developed and analyzed the impacts of a bypass facility around the City of Abbeville involving a connection of US Highway 167 (US 167) north of Abbeville, with LA Highway 82 (LA 82) south of Abbeville. Provided GIS analysis and mapping for the impacts of a bypass facility around the City of Abbeville, LA. Responsibilities: GIS support.		
(01/03-01-08)	GIS/Mapping Support: LA DOTD, Future I-49 South (Raceland to Westbank Expressway), Route 90, Raceland to Davis Pond Diversion, Environmental Impact Statement / NEPA, State Project No. 700-92-0011, Federal Aid Project No. HP-9201(501), Lafourche and St. Charles Parishes, LA. Environmental studies and alternatives analysis for conversion of US 90 from Raceland, LA to I-310 to a controlled access interstate highway (I-49 South) Section of Independent Utility 1 (SIU 1). The 23-mile project corridor included wetlands, levees, navigable water crossings, farmland, oil/gas activities, and commercial, industrial, and residential areas. Responsibilities: Assisted with the creation of GIS figures for Environmental Impact Statement.		
(01/09-10/10)	GIS/Mapping Support: Northwest Louisiana Council of Governments (NLCOG), I-49 Inner Connector Stage 0 Feasibility Study / NEPA, State Project No. 700-09-0171, Shreveport, Caddo Parish, LA. Study associated with identifying a corridor to connect existing I-49 to I-49 North. Public outreach was a major component in determining feasibility. Project delivered four months ahead of schedule. Stage 1 Environmental Assessment currently underway. Responsibilities: Created figures and statistical analysis for inclusion in various environmental reports, created figures and statistical analysis for environmental reports, assisted with GIS data collection and mapping support.		

(01/09-10/10)	<p>GIS/CAD Support: <i>LA DOTD, Drainage Canal Bridge, State Project No. 005-07-0057, Task 2: 701-65-1231, Lafourche Parish, LA.</i> Replacement of a bridge over an unnamed drainage canal on LA 182 in Lafourche Parish. Project tasks included USACE Section 404 permitting. Responsibilities: Prepared figures for report.</p>
<p>LORI MCGUIRE has nearly 30 years of experience in GIS Mapping and AutoCAD Design. She is responsible for creating ArcGIS maps that show site location, aerial views, site plans, facility plot plans, soils maps, soil cross-sections, potentiometric maps, aquifer maps, and fence line monitoring results data. Ms. McGuire also produces design drawings for construction, leachate collection and surface drainage for various landfill sites.</p>	


Firm employed by:		PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	
Name	KENNETH "MAC" MCKENZIE	Years of relevant experience with this employer	1
Title	Field Biologist	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization:		BS, 2019, Coastal Environmental Science, LSU	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		FIELD BIOLOGIST, BIOLOGICAL ASSESSMENTS	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience in the applicable MPR(s).		
(01/23-06/23)	Wildlife Biologist: <i>Farnsworth Group Inc., Gopher Tortoise Survey and Wetland Delineation and Reporting, Mobil County, AL.</i> Providence provided a wetland delineation, gopher tortoise (<i>Gopherus polyphemus</i>) survey, and subsequent reporting for an approximate five-mile gas pipeline in Mobile County, Alabama. Providence biologists documented potential jurisdictional wetlands and regulated other waters of the United States within the requested corridor and delineated the areas in accordance with the 1987 U.S. Army Corps of Engineers Wetlands Manual. Providence also drafted a report of the survey results for submittal to (with concurrence from FG) the Alabama Department of Conservation and Natural Resources. All state permits necessary were acquired prior to survey.		
(06/22-Ongoing)	Environmental Scientist: <i>CDM Smith, COVID-19 Wastewater Sampling, Baton Rouge and New Orleans, LA.</i> Conducting professional environmental sampling services in support of the surveillance sampling of sanitary wastewater design testing for SARS-CoV-2 (Covid). This work is being performed in accordance with the program implemented by the Louisiana Department of Health (LDH) under the Request for Information (RFI) 7777300-01.		
(06/22-07/22)	Wildlife Biologist: <i>Energy Transfer Company, Gopher Tortoise Survey, Multiple MS Counties and Mobile County, AL.</i> Conducted a gopher tortoise burrow survey on the 90-mile SESH pipeline across multiple counties in Mississippi and Mobile Counties, Alabama. Burrows were mapped and characterized as active or abandoned. A report and mapping were provided to the client for use in conducting right-of-way maintenance.		
(03/23-ongoing)	Wetland Biologist: <i>NextEra Energy Resources, Oak Ridge Solar Project, Morehouse Parish, LA.</i> Conducting wetland delineation and threatened and endangered species surveys for a 2,600-acre solar farm site in Morehouse Parish.		
(02/23-ongoing)	Wetland Biologist: <i>Burns & McDonnell, Wetland Delineation and Threatened/Endangered Species Surveys, KCPL Pipeline, Waller, Harris, Liberty, and Jefferson Counties, TX and Cameron Parish, LA.</i> Conducting a wetland delineation for a 300-foot-wide, 170-mile natural gas pipeline in multiple Texas Counties and southwestern Louisiana. The surveys include: four, 40-acre compressor station sites, four, five-acre meter station sites, and 20 miles of proposed access road.		

Firm employed by:		ENCOS, INC.		
Name	JOEL CHAKY	Years of relevant experience with this employer	23	
Title	Vice President	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization		BS, 1987, Natural Sciences		
Active registration number / state / expiration date		0214698, N/A, N/A		
Year registered	1980	Discipline	Open Water I Scuba Diver	
Contract role(s) / brief description of responsibilities		SCIENTIFIC DIVER, WATERBOTTOM ASSESSMENTS - LEAD		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(06/21 – Present)	<p>Program Manager: <i>CPR</i>, <i>System Wide Assessment Monitoring Program (SWAMP)</i>. CPR uses SWAMP to assess how environmental drivers influence systemic change that affects coastal restoration efforts. Mr. Chaky was involved in developing the sampling protocols and field methods for the SWAMP pilot program in 2015 which only included the Barataria Basin. Since November 2015, the SWAMP program grew from 23 locations to 120 sites across all hydrologic basins of Louisiana. The SWAMP program is meant to provide additional data to achieve the overall goals of restoration efforts supporting the State of Louisiana’s Master Plan.</p>			
(08/14 – Present)	<p>Project Manager: <i>Morgan City Harbor and Terminal District (MCHTD)</i>, <i>Real-Time Physical Oceanographic Measurement Stations, Morgan City, LA</i>. Installation, operation, and maintenance of the met-ocean measurement systems at Eugene Island and the Atchafalaya Bar Channel stations. Collaborated on station design and provided oversight to ensure systems were installed to the requirements and standards of the NOAA’s Physical Oceanographic Real-Time Systems (PORTS®) and that deadlines and project benchmarks were met. The PORTS® system provide information to the MCHTD management team used to manage and direct assets during an emergency or natural disasters and assist in determining the strategic time for maintenance in the Eugene Island Bar Channel for continued maritime commerce. In 2018, the station was damaged and was subsequently removed and replaced. Mr. Chaky coordinated with NOAA and the MCHTD to reinstall the station at the original location and coordinated with manufacturers for the purchase of new equipment and inspection and repair of recovered equipment. Currently working with the NOAA PORTS survey group to install a survey grade GPS reference station on the North Eugene Island water level station so water level can be corrected daily and to verify the stability of this station.</p>			
(06/22 – 09/22)	<p>Principal Scientist: <i>Chustz Surveying, LLC, Installation of Acoustic Doppler Current Profilers (ADCPs) and Water Level Sondes, Reggio, LA</i>. Installation of 5 ADCPs and 5 water level sondes. The ADCPs collected water velocity data and was used in conjunction with bathymetric surveys to calculate the volumetric flow through the bayous. The water level and ADCP data were used to develop a hydrologic and hydrodynamic model of the area. Data collected assisted in a water control structure design and its effects on the hydrology of the model area. Water level data for each water level sensor were converted to North American Vertical Datum 1988. Reviewed data and the associated technical memorandum provided to the client.</p>			


(07/21-7/21)	<p>Principal Scientist: <i>Mississippi River Velocity Measurement Supporting Pipeline Removal, Donaldsonville, LA.</i> The measurements were made to assist pipeline removal vessels and divers develop work plans for anchoring and diving operations for the safe removal of the pipeline. The field team conducted transects at three locations upstream of the pipeline crossing, at the pipeline crossing, and downstream of the pipeline crossing. The measurements were run perpendicular to the river flow. Two river crossings were made at each location and the discharge values were compared to each other. To validate the data, the discharge values had to be within 5% of each other. If the transects compared were greater than 5%, then additional transects must be made. Only two pairs of transects were required at each site. Data was reviewed and provided to the client in tabular and native instrument format and presented graphically within the body of technical memorandum. Mr. Chaky reviewed the data and technical memorandum prior to submission to the client.</p>
(11/16 – 05/17)	<p>Project Manager: <i>CPRA, Wave Monitoring & Analysis of Non-Rock Alternatives to Shoreline Protection Demonstration Project.</i> Four types of non-rock breakwaters were installed at the project site to quantify wave transmission coefficients at each breakwater installations. Data sets were collected behind each breakwater by installing a Data Collection Platform (DCP) with an Ocean Sensor Systems, Inc. (OSSSI) capacitance wave logger. The fifth DCP was located offshore, in front of 4 breakwaters, was built to collect offshore wave heights and period to compare against the wave gauge data collected behind each breakwater. The offshore DCP included the following instruments: an ADCP, an OSSSI pressure sensor wave gauge, an In-Situ BaroTROLL Barometric Pressure Logger, and a YSI 6920 V2 water sonde. Worked with the project model team to develop a strategy to gather wave data for their use in developing wave transmission coefficients for each structure.</p>
(06/16 – 05/17)	<p>Project Manager: <i>Texas Gas Transmission, LLC., Biologic Oyster Assessment, LA.</i> Ensured field schedules were met, and data collected adhered to the protocols established by the Oyster Lease Damage Evaluation Board (OLDEB) and Louisiana Department of Wildlife and Fisheries. Ensured project met all timelines and that staff adhered to the budget.</p>
(11/17-11/17)	<p>Principal Scientist: <i>Lake Pontchartrain Basin Foundation, Oyster Sampling, LA.</i> Ensure that areas identified during a recent side scan survey were located by the scientific diver and sampled. Each square meter sample was returned to the boat and samples were sorted in the field to identify oysters and other benthic organisms collected within the square meter sample margin. Once sorted, samples were turned over to the University of New Orleans for final analysis. The sampling attempted to identify what, if any, area was capable of rehabilitation to support oyster seeding and production.</p>
(12/14 – 04/15)	<p>Project Manager: <i>CPRA, Hydrodynamic Modeling for Cameron Meadows Marsh Creation and Wetland Restoration (TO-26).</i> The project collected measured data for the following parameters: water level, salinity, Vx and Vy water velocity magnitude and direction. The data collected are for hydrologic model development of the Cameron Meadows area located in Cameron Parish, Louisiana. ENCOS installed and maintained four (4) DCPs for a three-month period. At each DCP, ENCOS installed a multi-parameter data sonde, which recorded on an hourly basis. ENCOS also collected horizontal acoustic Doppler current profiler (HADCP) data expressed as Vx and Vy once per month for three months.</p>

Firm employed by:		ENCOS, INC.		
Name	COKLIN NGUYEN	Years of relevant experience with this employer	1	
Title	Senior Scientist / Operations Manager	Years of relevant experience with other employer(s)	10	
Degree(s) / Years / Specialization		BS, 2015, Natural Resource Ecology and Management		
Active registration number / state / expiration date		#7ADRE8, N/A, N/A	Richard Chinn 38-Hr Training, #7701	
Year registered	2023	Discipline	Open Water Scuba Diver Wetland	
Contract role(s) / brief description of responsibilities		SCIENTIFIC DIVER, WATERBOTTOM ASSESSMENTS		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(02/22 – Present)	Senior Scientist: CPRA, System Wide Assessment Monitoring Program (SWAMP). Mr. Nguyen works closely with the SWAMP Project Managers for field preparations of vessels, preparing decontaminating grab sampling equipment, and organizing field equipment. Mr. Nguyen is involved in all field sample collection and handling, scheduling all sample collection activities, preparing sampling equipment, and arranging sample drop-off at the designated laboratory for sample analysis. Responsible for entering the field data into the database, as well as performing QA/QC on the data.			
(09/22 – Present)	Staff Scientist: Morgan City Harbor and Terminal District (MCHTD), Real-Time Physical Oceanographic Measurement Stations, Morgan City, LA. Routine and annual maintenance of two met-ocean measurement systems at the Eugene Island Bar Channel on the lower Atchafalaya River that is compliant with the requirements and standards of the NOAA’s Physical Oceanographic Real-Time Systems (PORTS®). This maintenance includes the cleaning of the instruments, upgrading any of the hydrologic instruments, and troubleshooting if any problems arise. The system intends to enhance the MCHTD’s management of various activities related to this portion of the channel including emergency response activities, maritime commerce, navigation safety, and coastal resource assets. The PORTS® system will provide information to the MCHTD management team such as wind speed, wind direction, atmospheric pressure, salinity, water levels, waves, and currents. The management team uses this information to manage and direct assets during an emergency or natural disasters. The information will also assist in determining the strategic time for maintenance in the Eugene Island Bar channel for continued maritime commerce.			
(10/22 - 08/23)	Senior Scientist and Lead Delineator: Power Engineers, Williams LEG Pipeline Project, Beauregard, Calcasieu, Caddo, DeSoto, Sabine, and Vernon Parishes, LA. Ecological survey support along a 165-mile proposed pipeline project. Wetlands and waterbodies were surveyed across 7 different parishes using sub-meter real-time differentially corrected GPS Technology. Concurrently, performed Threatened and Endangered Species Habitat Surveys.			
(06/22 – 09/22)	Senior Scientist: Chustz Surveying, LLC, Installation of Acoustic Doppler Current Profilers (ADCPs) and Water Level Sondes, Reggio, LA. installation of 5 ADCPs and 5 water level sondes. The ADCPs collected water velocity data and the data was used in conjunction with bathymetric surveys performed near the installations, to calculate the volumetric flow			


	through the bayous. The water level and ADCP data were used to develop a hydrologic and hydraulic model of the area. The installations were visited after one month for data download and site inspection. Mr. Nguyen also assisted in the removal of all instruments and stations after the two-month duration of the project.
(08/22-8/22)	Scientist: <i>Delta Land Services, LLC., Installation of Water Level Stations, Reggio, LA.</i> installation of 5 water level stations and 3 boardwalks near the Tchefuncte River. In-Situ Level Troll 700s were installed into aluminum uni-poles with treated wooded boardwalks for accessibility. Two of the remote water level stations utilized Vu-Link telemetry for real time data collection. The water level data are being used to develop a hydrologic model of the area for planned habitat improvements of a potential mitigation bank. The stations were installed as permanent structures for long-term monitoring.
(05/22-5/22)	Scientist: <i>Royal Engineers and Consultants, LLC, CPRA BS-0033 East Bank Sediment Transport Corridor, St. Bernard Parish, LA.</i> collection of discharge data along a proposed pipeline corridor that ran from Delacroix, Louisiana to Davant, Louisiana. Velocity data was collected by two teams at 18 separate locations using SonTek M9 River Surveyors (M9) during a single flood and ebb tide cycle. Mr. Nguyen was tasked with operating one of the marine vessels and one of the M9s during the discharge survey. These measurements were used to aid engineers with the design of culverts, bridges, and other structures to maintain the current hydrologic exchange along the proposed corridor.
(12/14 – 04/15)	Technician: <i>CPRA, Hydrodynamic Modeling for the Cameron Meadows Marsh Creation and Wetland Restoration, Cameron Parish, LA.</i> Provided water quality monitoring for three months to support the CPRA Cameron Meadows Project (TO-26). Mr. Nguyen and the ENCOS team provided data collection services associated with the monitoring included water levels, salinity, and Vx and Vy water velocity magnitude to The Water Institute of The Gulf (TWIG). Mr. Nguyen helped install and maintain, monthly, 4 data collection platforms (DCPs) that housed multi-parameter data sondes and horizontal acoustic doppler current profilers (HADCPs).
(12/13 – 07/14)	Technician: <i>Terrebonne Freshwater Re-Introduction Project (TE110).</i> Installation and maintenance of 12 DCPs that collected water level converted to NAVD 88, flow direction, flow magnitude, salinity, and water temperature. This data was used for model calibration points for the development of a hydrologic model for the Terrebonne Freshwater Re-Introduction Project (TE110). Each DCP collected hourly data for six months. In addition to the hourly data, ENCOS performed biweekly synoptic discharge measurements at 12 locations within the project area.
(02/13 – 10/13)	Technician: <i>Coles Bayou Marsh Restoration Project (TV-0063).</i> data collection associated with the Cole's Bayou Marsh Restoration Project. This data supported the development of a hydrologic model for the Gulf Coast in Vermilion Parish within the Teche/Vermilion Basin, immediately east of Freshwater Bayou Canal. Assisted with installation and maintenance of DCPs, and supported the monthly DCP visits to recover data, clean the sensor, and calibrate the sensors. Automated sample collection for 3 separate suspended sediment events; a frontal passage, ambient conditions, and high wind event. The data were collected for a 24-hour period covering a full tidal cycle.


Firm employed by		ENCOS, INC.		
Name	STEVEN TIDWELL	Years of relevant experience with this employer	6	
Title	Project Manager / Senior Scientist	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization		BS, Geological Engineering, 2011		
Active registration number / state / expiration date		EI-7695, MS, N/A		
Year registered	2012	Discipline	Engineer Intern	
Contract role(s) / brief description of responsibilities		PROFESSIONAL, WATERBOTTOM ASSESSMENTS		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(07/17 – Present)	<p>Staff Scientist IV/Project Manager: <i>MCHTD, Real-Time Physical Oceanographic Measurement Stations Installation, Morgan City, LA.</i> Routine and annual maintenance of two met-ocean measurement systems at the Eugene Island Bar Channel on the lower Atchafalaya River that is compliant with the requirements and standards of the NOAA’s Physical Oceanographic Real-Time Systems (PORTS®). This maintenance includes the cleaning of the instruments, upgrading any of the hydrologic instruments, and troubleshooting if any problems arise. The system intends to enhance the MCHTD’s management of various activities related to this portion of the channel including emergency response activities, maritime commerce, navigation safety, and coastal resource assets. The PORTS® system will provide information to the MCHTD management team such as wind speed, wind direction, atmospheric pressure, salinity, water levels, waves, and currents. The management team uses this information to manage and direct assets during an emergency or natural disasters. The information will also assist in determining the strategic time for maintenance in the Eugene Island Bar channel for continued maritime commerce. Responsible for scheduling maintenance trips, daily monitoring of the system, and composing trip reports for NOAA.</p>			
(09/21 – Present)	<p>Project Manager: <i>CPRA, System Wide Assessment Monitoring Program (SWAMP), LA.</i> CPRA uses SWAMP to develop sampling protocols to access how environmental drivers influence systemic change that affect coastal restoration efforts. Mr. Tidwell is involved in all field sample collection and handling, scheduling all sample collection activities, preparing sampling equipment, and arranging sample drop-off at the designated laboratory for sample analysis. Responsible for entering the field data into the database, as well as performing QA/QC on the data.</p>			
(08/22 - 09/22)	<p>Scientist IV/Project Manager: <i>Delta Land Services, LLC., Water Level Stations Installation, LA.</i> Installation of 7 water level stations and 5 boardwalks near the Tchefuncte River. Mr. Tidwell worked with other scientists to manage the logistics of the installations. In-Situ Level Troll 700s were installed into aluminum uni-poles with treated wooded boardwalks for accessibility. Two of the remote water level stations utilized Vu-Link telemetry for real time data collection. The water level data is being used to develop a hydrologic model of the area for planned habitat improvements of a potential mitigation bank. The stations were installed as permanent structures for long-term monitoring. Worked with the client to ensure that the remote data was transmitting properly and that their staff were trained on how to download the Level Troll 700s and VuLink equipment.</p>			
(06/22-6/22)	<p>Scientist III/Project Manager: <i>Freese and Nichols, Inc., No Name Bayou Marsh Creation Project, Oyster Survey, Cameron Parish, LA.</i> Biological oyster assessment performed on the southern extents of Calcasieu Lake. This area would be affected by</p>			

	<p>the proposed dredging and transport of the dredged materials. Responsible for working with the client to schedule and perform the surveys. The bottom-type survey was performed by poling the bottom with a carbon fiber pole and determining the firmness of the bottom. Mr. Tidwell was responsible for configuring the hardware (SonTek M9 RiverSurveyor and Trimble R2 GPS unit) in Hypack and collecting the data in the software. The software was also used to plan and execute the dredge and dive sampling that occurred after the initial polling survey. Mr. Tidwell was responsible for assisting in the dredge and dive sample collections and recording field notes when needed. Responsible for the operation of the vessel needed to complete the survey.</p>
(06/22 – 01/17)	<p>Scientist IV/Project Manager: <i>CDM Smith, LLC, Shoreline Protection at Jean Lafitte National Historic Park and Preserve, Marrero, LA.</i> Data collection platforms in the Jean Lafitte National Park and Preserve. These installations are needed to provide pre and post shoreline protection construction data to ensure that the breakwaters are reducing the wave energy impacting the shoreline. Assisted with the design and fabrication of the DCPs prior to the installation and the instrument setup onsite. The instruments that were installed on the DCPs were Solinst Levelogger 5 pressure sensors, to measure water level and conductivity, and Nortek Aquadopp, to measure waves and longshore currents. Responsible for the scheduling of field activities and communicating with the clients for scheduling and when questions about data arose, and the maintenance and storage of the equipment until they are needed for redeployment.</p>
(08/17 – 02/18)	<p>Scientist III: <i>Royal Engineers and Consultants, LLC, Collection of water level and wave data Northwest of Rabbit Island, Cameron Parish, LA.</i> Collection of water level and wave data at a location Northwest of Rabbit Island. The data was collected by installing a DCP at the site chosen during an earlier scouting trip. The instruments installed on the DCP included a YSI 6920V2 water level sensor, an OSSI capacitance wave logger, an OSSI pressure wave gauge, and an In-Situ Rugged BaroTroll for barometric pressure. Data was collected for a one-month period, then downloaded from the sensors before the final decommissioning of the DCP. Responsible for the calibration and installation of the hydrologic instruments and composing the installation and decommissioning reports for the clients.</p>
(08/17 – 10/17)	<p>Scientist III: <i>Royal Engineers and Consultants, LLC, Discharge Data Collection, Bayou Terre Aux Bouefs, LA.</i> Collection of discharge data in the Bayou Terre Aux Bouefs area, as contracted by Royal Engineers and Consultants, LLC. Tasked with the design and installation of two DCPs in Bayou Terre Aux Bouefs. The DCPs were outfitted with ADCPs to measure the water velocity in the waterway and were comprised of two monopoles with two support poles. Coordinated planning the discharge surveying events to coincide with the flood and ebb tide cycles, operating the marine vessel during the discharge surveys, performing the discharge surveys using a SonTek M9 RiverSurveyor, and decommissioning of the two DCP. The surveys were performed during flood and ebb tide events at the DCPs installed by ENCOS personnel, as well as in the connecting bayous to the North and South for a total of six sites.</p>

Firm employed by		ENCOS, INC.		
Name	RACHEL MIXON	Years of relevant experience with this employer	2	
Title	Scientist	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		BS, 2021, Coastal Environmental Sciences, LSU		
Active registration number / state / expiration date		#3597629, N/A, N/A		
Year registered	2023	Discipline	Open Water Scuba Diver	
Contract role(s) / brief description of responsibilities		BIOLOGIST, SCIENTIFIC DIVER, WATERBOTTOM ASSESSMENTS		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(06/21 – Present)	Staff Scientist: CPRA, System Wide Assessment Monitoring Program (SWAMP). Data analysis and preparation for CPRAs SWAMP. CPRA uses SWAMP to assess how environmental drivers influence systemic change that affects coastal restoration efforts. Primarily responsible for data analysis for this project. Ms. Mixon is responsible for downloading the collected data from the YSI Pro DSS and formatting/recording the data into a QA/QC formatted spreadsheet for collected samples before the data is submitted. Assists in field sample collection and handling and preparing sampling equipment.			
(06/21 – Present)	Staff Scientist: Morgan City Harbor and Terminal District (MCHTD), Real-Time Physical Oceanographic Measurement Stations Installation, Morgan City, LA. Assisting the project manager with the MCHTD routine and annual maintenance of 2 met-ocean measurement systems at the Eugene Island Bar Channel on the lower Atchafalaya River that is compliant with the requirements and standards of NOAA’s Physical Oceanographic Real-Time Systems (PORTS®). Assists Senior Staff Scientists in the cleaning of instruments/stations and downloading data from the stations. The system intends to enhance the MCHTD’s management of various activities related to this portion of the channel including emergency response activities, maritime commerce, navigation safety, and allocation of assets.			
(07/21 – Present)	Staff Scientist: BASF Zachary, Remediation System Operation and Maintenance, Zachary, LA. ENCOS is contracted through BASF to take daily readings of Well MW-2A. Responsible for the monthly maintenance of the DXA Ground Water Operating Record by inputting the recorded values and calculating the daily pump rates, and responsible for the calculation of the monthly and daily pumping averages for this well. She created and continues to update several figures that demonstrate the monthly average and total gallons pumped by Well MW-2A throughout 2021. Also responsible for uploading, organizing, and analyzing monthly manifests for this project.			
(07/21 – Present)	Staff Scientist: BASF, Groundwater Monitoring Program, Geismar, LA. ENCOS is contracted through BASF to conduct groundwater monitoring of three wells in Area A. Responsible for updating the Historical Chlorobenzene Concentration Data graphs for each well as new data is provided. Ms. Mixon also assists in analyzing data from wells in Area J at the BASF Corporation Facility in Geismar, Louisiana. She organized the Chloride Data from 1999 to 2021 from five different wells into a graph and interpreted the results in the groundwater report.			

(06/22-6/22)	Biologist: <i>Freese and Nichols, Inc., No Name Bayou Marsh Creation Project – Oyster Survey, Cameron Parish, LA.</i> Oyster assessment performed on the southern extents of Calcasieu Lake. This area would be affected by the proposed dredging and transport of the dredged materials for the CS-0078 Marsh Creation Cell. Classified the water bottom as a carbon fiber pole. After the data collection was complete Collated the dive and dredge data and provided that data to the project manager for delivery to the client for the final report.
(10/22 – 08/23)	Scientist: <i>Power Engineers, Williams LEG Pipeline Project in Beauregard, Calcasieu, Caddo, DeSoto, Sabine, and Vernon Parishes, LA.</i> Assisted in ecological survey support along an approximately 165-mile proposed pipeline project. Wetlands and waterbodies were surveyed across seven different parishes using sub-meter real-time differentially corrected Global Positioning System Technology. Concurrently, assisted Lead Delineator with Threatened and Endangered Species Habitat Surveys.

Firm employed by:		ENCOS, INC.		
Name	JEREMY THOMPSON	Years of relevant experience with this employer	2	
Title	Scientist	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		BS, 2022, Coastal Environmental Science, LSU		
Active registration number / state / expiration date		#9F6RCBC, N/A, N/A		
Year registered	2023	Discipline	Open Water Scuba Diver	
Contract role(s) / brief description of responsibilities		BIOLOGIST, SCIENTIFIC DIVER, WATERBOTTOM ASSESSMENT		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(07/21 – Present)	Staff Scientist: <i>CPRA, System Wide Assessment Monitoring Program (SWAMP).</i> Data analysis and preparation for CPRAs SWAMP. CPRA uses SWAMP to assess how environmental drivers influence systemic change that affects coastal restoration efforts. Mr. Thompson is responsible for downloading the collected data from the YSI Pro DSS and formatting/recording the data. This process is the first step in the SWAMP QA/QC process before being sent to the QA/QC officer.			
(07/21 – Present)	Staff Scientist: <i>Morgan City Harbor and Terminal District (MCHTD), Real-Time Physical Oceanographic Measurement Stations Installation, Morgan City, LA.</i> Assisting the project manager with the MCHTD in current routine and annual maintenance of two met-ocean measurement systems at the Eugene Island Bar Channel on the lower Atchafalaya River that is compliant with the requirements and standards of the NOAA’s Physical Oceanographic Real-Time Systems (PORTS®). Mr. Thompson assists Senior Staff Scientists in the cleaning of instruments/stations and downloading data from the stations. The system intends to enhance the MCHTD’s management of various activities related to this portion of the channel including emergency response activities, maritime commerce, navigation safety, and allocation of assets.			
(10/22 – 08/23)	Scientist: <i>Power Engineers, Williams LEG Pipeline Project in Beauregard, Calcasieu, Caddo, DeSoto, Sabine, and Vernon Parishes, LA.</i> Assisted in ecological survey support along an approximately 165-mile proposed pipeline project. Wetlands and waterbodies were surveyed across seven different parishes using sub-meter real-time differentially corrected Global Positioning System Technology. Concurrently, assisted Lead Delineator with Threatened and Endangered Species Habitat Surveys.			
(08/22 - 09/22)	Scientist: <i>Delta Land Services, LLC., Installation of Water Level Stations, Tchefuncte River, LA.</i> Installation of 7 water level stations and 5 boardwalks near the Tchefuncte River, La area. Worked with other scientists to assist with construction of fabricated aluminum poles housing the InSitu LevelTroll 700s, fabrication of boardwalks, inspection and testing of the InSitu Level Troll 700s (Level Troll). The Level Trolls were installed into aluminum uni-poles with treated wooded boardwalks for accessibility. Two of the remote water level stations utilized Vu-Link telemetry for real time data collection. The water level data is being used to develop a hydrologic model of the area for planned habitat improvements. potential mitigation bank. The stations were installed as permanent structures for long-term monitoring.			

Firm employed by		GAEA CONSULTANTS, LLC		
Name	TONJA KOOB MARKING, PHD, PE, D.WRE, CFM	Years of relevant experience with this employer	24	
Title	President	Years of relevant experience with other employer(s)	3	
Degree(s) / Years / Specialization		PhD, est'd 2026, History; MA, 2020, History; MBA, 2010, Finance; PhD, 2002, Civil and Hydraulic Engineering; ME, 1996, Environmental Engineering; MSPH, 1993, Environmental Toxicology and Risk Assessment BA, 1990, Biology		
Active registration number / state / expiration date		30749, LA, 2023		
Year registered	2003	Discipline	Environmental Engineer	
Contract role(s) / brief description of responsibilities		ENVIRONMENTAL ENGINEER, PERMITTING		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
(06/12-01/15)	<i>Belle Chasse Tunnel-Bridge.</i> Directed and wrote Phase I Environmental Site Assessment; directed Traffic Count fieldwork for Environmental Assessment.			
(07/14-12/16)	<i>MSY Airport, Environmental Assessment.</i> Directed and wrote multiple sections of Environmental Assessment including Threatened and Endangered Species Survey, wetlands determination, floodplain encroachment.			
(02/14-09/19)	<i>Livingston and Schwartz Schools.</i> Designed demolition plans for RSD schools; secured permits for demolition and debris removal; managed demolition contractor.			
(02/17-08/17)	<i>NDRC Grant</i> performed preliminary environmental review for 20 projects for grant application including historic preservation, floodplain management, coastal zone management, wild and scenic rivers.			
(01/17-09/17)	<i>Children’s Museum, 404 Permit.</i> successfully obtained USACE 404/10 permit for new Children’s Museum in City Park.			
(06/17-06/19)	<i>Non-Rock Alternative Shoreline Protection.</i> Prepared Environmental Consideration Report; secured Coastal Use Permit.			
(04/20-09/20)	<i>USACE Barge Debris Removal.</i> Investigated channel debris for hazardous substances; coordinated with USACE and solid waste contractor for proper disposal; coordinated with DOTD for debris manifests.			
(12/20-present)	<i>Almonaster Bridge Rehabilitation.</i> Directed and wrote Categorical Exclusion NEPA document, coordinated with state and federal agencies for USACE Section 10/404, LDNR for CUP, USGS for bridge, Levee Board permits.			
(09/21-present)	<i>Orpheum Levee Pave.</i> directed drainage study; coordinated with federal and state agencies for DNR CUP, USACE 10/404, and Levee Board permits.			

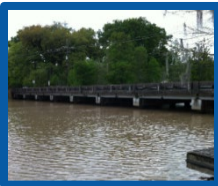


Firm employed by		GAEA CONSULTANTS, LLC	
Name	LAUREN PEYTAVIN, EI	Years of relevant experience with this employer	6
Title	Project Designer	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS, 2021, Coastal Engineering; BS, 2018, Civil Engineering; BA, 1990, Biomedical Science	
Active registration number / state / expiration date		EI#003372, LA, 2024	
Year registered	2018	Discipline	Civil
Contract role(s) / brief description of responsibilities		ENVIRONMENTAL PROFESSIONAL; PERMITTING	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
(01/18-12/18)	<i>Environmental Record Review and Phase I Environmental Site Assessment.</i> Conducted the peer review of the Environmental Record Review and Phase I documents for multiple projects for the New Orleans Redevelopment Authority, including reporting standards, practices, as well as technical content.		
(01/19-01/20)	<i>Permit Analyses for Privately-Owned Properties.</i> researched current and historic permits from state and federal agencies in support of litigation; reviewed LPDES, well, storage tank, CUP, and USACE 404/10 permits for consistency with current activities; advised clients of non-compliant activities.		
(12/20-present)	<i>Almonaster Bridge Rehabilitation.</i> conducted field investigations for the Categorical Exclusion NEPA document and Phase I Environmental Site Assessment; coordinated with state and federal agencies for USACE Section 10/404, LDNR for CUP, USGS for bridge, Levee Board permits.		
(03/21-present)	<i>RR020 Bywater-Marigny Recovery Roads.</i> coordinated with New Orleans Public Belt Railroad and Southeast Louisiana Flood Protection Authority East to obtain permits for the City of New Orleans and its contractor to perform street repairs; ensured the contractor maintained compliance with permitted activities, particularly during high water events on the Mississippi River.		
(09/21-present)	<i>Orpheum Levee Pave.</i> conducted drainage study; designed levee pavement; coordinated with federal and state agencies for DNR CUP, USACE 10/404, and Levee Board permits.		

17. FIRM EXPERIENCE

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	LA 70 Bypass, Stage 1 Environmental Assessment		Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H.010571.2 Federal Aid Project No. H010571	Owner’s name	Louisiana Department of Transportation and Development (LA DOTD)	
Project location	Assumption Parish, LA	Owner’s Project Manager	Noel Ardoin	
Owner’s address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4501, noel.ardoin@la.gov			
Services commenced by this firm (mm/yy)	05/13	Total consultant contract cost (\$1,000’s)	\$1,254	
Services completed by this firm (mm/yy)	07/15	Cost of consultant services provided by this firm (\$1,000’s)	\$873	

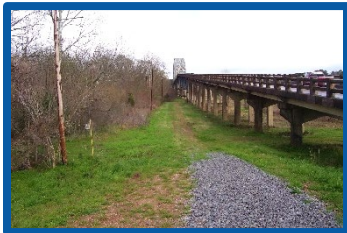


The Louisiana Highway 70 (LA 70) project was to prepare the Stage 1 documents necessary to implement the construction of a proposed bypass and an emergency runaround of LA 70 near its intersection with LA 69 in Assumption Parish, LA. The LA 70 Bypass was proposed due to public safety concerns resulting from the closure of LA 70 numerous times. These safety concerns are associated with failures of the Napoleonville Salt Dome, which have caused surface instability and the formation of a sinkhole south of the highway. While a long-term solution was being developed, further failure of the integrity of the Napoleonville Salt Dome could result closure of LA 70. An Emergency Runaround allowed traffic to resume on this important route until a more permanent solution is implemented. Two Environmental Assessment (EA) documents were prepared under this project: one for the LA 70 Bypass and one for the Emergency Runaround. **Providence staff conducted wetland delineation, analysis, and data report, threatened and endangered species surveys and reports, and permitting assistance for the construction of the detour route off LA 70. Prepared wetland and jurisdictional determination request- USACE New Orleans District. A Finding of No Significant Impact (FONSI) was issued following the Environmental Assessment (EA).**

RELEVANT TEAM MEMBERS

REGINA STATEN, PAUL CLIFTON, PWS, KERRY ORIOLO

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Environmental and Permitting Services Retainer Contract No. 700-99-0439 - Fort Buhlow Bridge and Approaches		Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H.008273 Federal Aid Project No. IM-1709 (507)	Owner's name	LA DOTD	
Project location	Rapides Parish, LA	Owner's Project Manager	Robert Lott, PE	
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4504, robert.lott@la.gov			
Services commenced by this firm (mm/yy)		Total consultant contract cost (\$1,000's)	N/A	
Services completed by this firm (mm/yy)	00/12	Cost of consultant services provided by this firm (\$1,000's)	\$28	



The Fort Buhlow Bridge project was part of a retainer contract that included environmental and permitting services for 62 road and bridge projects throughout the state, involving coordination with all relevant federal, state, and local agencies. The proposed bridge and approaches project included replacement of the 0.6-mile-long O.K. Allen Bridge over Lake Buhlow and the widening and reconstruction of 1.3 miles of roadway approaches/additional travel lanes. Neither the bridge nor the approach roadways had sufficient width to accommodate existing or projected traffic demand; the project intended to provide accommodations for anticipated traffic increases, reduce accidents, and meet current safety standards. **Providence staff completed wetland delineations, analysis, and data reports. Staff prepared and submitted Section 10/404 permit application to the U.S. Army Corps of Engineers (USACE) and filed the U.S. Coast Guard (USCG) bridge permit and Red River, Atchafalaya, and Bayou Boeuf Levee District permit applications. Upon the start of construction, the LA DOTD requested additional workspace associated with the construction of the new bridge. A wetland delineation was done on the additional area and permit amendments were filed with all relevant state and federal agencies.**

RELEVANT TEAM MEMBERS

PAUL CLIFTON, PWS, KERRY ORIOL

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Off-System Highway Bridge Program Crawford Road/Tiger Branch		Firm responsibility (prime or sub?)	SUB
Project number	State Project No. H.014229.5 F.A.P. NO. H014229	Owner's name	Morgan and Goudeau & Associates	
Project location	Caddo Parish, Louisiana	Owner's Project Manager	Kenneth Boagni	
Owner's address, phone, email	1703 West Landry Street, Opelousas, LA (337) 948-4222, kboagni@bellsouth.com			
Services commenced by this firm (mm/yy)	08/21	Total consultant contract cost (\$1,000's)	\$205	
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)	\$5	



LA DOTD requested a Wetland Findings Report for an existing bridge in Caddo Parish, Louisiana as part of a larger off-system bridge replacement project. As a subconsultant to Morgan and Goudeau & Associates, **Providence was contracted to conduct a wetland delineation and provide a wetlands report for the bridge replacement project.** Providence biologists documented existence of potential jurisdictional wetlands and regulated other waters of the United States at all sites, including access points and temporary workspaces. Providence biologists delineated the areas in accordance with the 1987 Corps of Engineers Wetland Manual and guidance from the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). After the wetlands assessments, Providence staff prepared Wetland Findings Reports which included discussions of existing wetlands, vegetation communities, and soils based on published soil surveys and soil sampling. Data sheets, photographs, and wetland mapping were included in the Wetland Findings Reports. Wetland impact areas quantified by type were also reported. **Providence staff completed a similar scope of work for other bridge replacements included in the Off-System Bridge Replacements project, including bridges in Ouachita (H.014232), St. Martin (H.014226), and Tangipahoa (H.014262, H.014263) Parishes.**

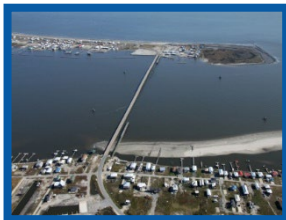
RELEVANT TEAM MEMBERS

Paul Clifton, PWS, Taylor Simoneaux, PWS, CWB

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Environmental Permitting Services DOTD Caminada Bay Bridge		Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. 700-99-0439, Task 1: # 701-65-1002, Subtask: CUP-064-01-0040	Owner's name	LA DOTD	
Project location	Jefferson Parish, LA	Owner's Project Manager	Robert Lott, PE	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804, (225) 242-4504, robert.lott@la.gov			
Services commenced by this firm (mm/yy)	10/07	Total consultant contract cost (\$1,000's)	\$N/A	
Services completed by this firm (mm/yy)	03/09	Cost of consultant services provided by this firm (\$1,000's)	\$30	



Caminada Bay Bridge is a 3/4 of a mile-long structure that spans onshore Jefferson Parish to Grand Isle, Louisiana. **Providence conducted the wetland delineation, obtained Coastal Use and Corps Permits, the U.S. Coast Guard (USCG) Bridge Permit, as well as coordinated with the Louisiana Department of Wildlife and Fisheries (LDWF) regarding state water bottom dredging for the replacement of this bridge.** Construction for the project began in early 2010, following the Deepwater Horizon Oil Spill. Areas in Caminada Bay, which had been dredged by the DOTD's contractors, had silted back in by natural wave action due to the utilization of the areas by the U.S. Coast Guard and environmental responders for boat and crew staging areas and the construction of berms by the U.S. Army Corps of Engineers (USACE) to keep oil from entering the bay. Providence filed amendments for all the above referenced permits and re-coordinated with all the relevant agencies due to the change in project scope and additional impacts. In addition to the permit amendments, Providence worked with the DOTD, federal and state agencies, and Jefferson Parish to beneficially use the dredged material on Elmer's Island for Shoreline reclamation.



RELEVANT TEAM MEMBERS

Paul Clifton, PWS, Kerry Oriol, Lori McGuire

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Environmental Permitting Services: Weeks Island Bridge		Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. 700-99-0439 Task No. 1701-65-1002 SPN: 240-03-0027	Owner's name	LA DOTD	
Project location	Iberia Parish, LA	Owner's Project Manager	Robert Lott, PE	
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA 70804, (225) 242-4504, robert.lott@la.gov			
Services commenced by this firm (mm/yy)	05/09	Total consultant contract cost (\$1,000's)	\$29	
Services completed by this firm (mm/yy)	05/10	Cost of consultant services provided by this firm (\$1,000's)	N/A	



Providence provided wetlands analyses and environmental permitting for Weeks Island Bridges project in Iberia Parish, Louisiana. Prior to construction, Hurricane Ike severely impacted south Louisiana within the vicinity of Weeks Island. Due to the influx of water from Hurricane Ike, a rogue barge hit and destroyed the Bayou Warehouse Bridge. Providence requested Emergency Authorization under General Permit 29 (GP 29), which was granted by the USACE, and the Office of Coastal Management to replace the Bayou Warehouse Bridge. Following issuance of the Emergency Authorization, Providence submitted all requested information for an After-the-Fact Permit from state and federal agencies. This project incorporated the replacement of three bridges spanning tidal marshes in Weeks Island, Iberia Parish, Louisiana. **Providence conducted the wetland delineation, Coastal Use and USACE permitting, as well as the U.S. Coast Guard Bridge Permit. This project also involved coordination with the National Marine Fisheries Service regarding essential fish habitat within the tidal marshes.**

RELEVANT TEAM MEMBERS

Paul Clifton, PWS, Kerry Oriol, Lori McGuire

Firm name	ENCOS, Inc.	Past Performance Evaluation Discipline(s)*	ENV
Project name	No Name Bayou Oyster Bottom Assessment	Firm responsibility (prime or sub?)	SUB
Project number	N/A	Owner's name	Freese and Nichols/CPRA
Project location	Calcasieu Lake, Cameron Parish	Owner's Project Manager	Aaron Petty/Nina Reins
Owner's address, phone, email	900 Camp Street, 3 rd Floor, #354; New Orleans, LA 70130; aaron.Petty@freese.com ; Nina.Reins@freese.com		
Services commenced by this firm (mm/yy)	06/22	Total consultant contract cost (\$1,000's)	\$28.7
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm (\$1,000's)	\$28.7

ENCOS is a member of the Freese and Nichols **Oyster Biologic Services team for CPRA** and assisted with **logistics, equipment, field personnel and safety diver for oyster biologic services required for restoration projects**. This project was to assess the borrow area and pipeline corridor for CS-0078 Marsh Creation Cell near No Name Bayou at the southern end of Calcasieu Lake east of the Calcasieu Ship Channel. ENCOS personnel created the project's digital data collection package for the Hypack program. The team also created the transects, poling points and then loaded that information on the vessel's navigation GPS. The data collected was recorded in real time on a fully rugged Panasonic laptop computer with a Trimble R2 submeter WAAS GPS. When the poling portion of the project was complete, the data were analyzed to determine where to dredge the moderately firm and firm areas identified by poling. Additional areas identified as exposed shells were sampled using a square meter aluminum sample grid. The total area assessed was approximately 1,500 acres.

RELEVANT TEAM MEMBERS

Joel Chaky, Steven Tidwell, Christina Torres, Rachel Mixon

Firm name	ENCOS, Inc.	Past Performance Evaluation Discipline(s)*	ENV
Project name	Public Seed Grounds Water Bottom Assessment	Firm responsibility (prime or sub?)	PRIME
Project number	N/A	Owner's name	Providence Engineering and Environmental Group LLC
Project location	Lake Borgne, St. Bernard Parish, LA	Owner's Project Manager	Tim Kimmel
Owner's address, phone, email	1201 Main Street, Baton Rouge, LA 70802; (225) 766-7400 timkimmel@providenceeng.com		
Services commenced by this firm (mm/yy)	04/23	Total consultant contract cost (\$1,000's)	\$7.8
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm (\$1,000's)	\$7.8

Providence's client, Tennessee Gas Pipeline Company, LLC, proposes replacing a 6-inch valve in Lake Borgne. The temporary workspace is 20 feet by 20 feet and approximately 3 feet deep. ENCOS conducted a water bottom assessment within 500 feet buffered area for the proposed valve replacement. The bottom was sounded utilizing a 20-foot-long carbon fiber pole at 30 feet intervals along north/south transects. The transects, spaced 100 feet apart, covered the bottom of the water body within 500 feet buffer of the proposed work. The water bottom type was determined in real time and entered in a field computer on site. A bottom-type assessment was conducted in the 500 feet buffer area surrounding the project workspace. All sampling was conducted using a 23-foot Majek Illusion workboat drawing approximately 9 inches of water. Poling points were identified using a Trimble R2 GNSS Receiver. The horizontal positioning performance of the Trimble R2 is ± 0.50 m. A SonTek M9 River Surveyor upgraded with Hydrosurveyor firmware, interfaced with Hypack computer software, collected the bathymetry data concurrently while poling. The Bathymetry data was corrected to MLW from the National Oceanic Atmospheric Administration (NOAA) tide station, 8761305, located at Shell Beach, Louisiana. **ENCOS was responsible for setting up the real time field data collection, converting collected water levels to MLW datum, and providing the deliverables to LDWF per their public seed ground deliverable requirement.**

RELEVANT TEAM MEMBERS

Joel Chaky, Steven Tidwell, Christina Torres, Rachel Mixon

Firm name	ENCOS, Inc.	Past Performance Evaluation Discipline(s)*	ENV
Project name	Williams LEG Pipeline Project	Firm responsibility (prime or sub?)	SUB
Project number	N/A	Owner's name	Power Engineers
Project location	Beauregard, Calcasieu, Caddo, DeSoto, Sabine, Vernon Parishes	Owner's Project Manager	Jude Ledoux
Owner's address, phone, email	301 Main St., Suite 2200, Baton Rouge, LA 70802, (225) 900-8012jude.ledoux@powereng.com		
Services commenced by this firm (mm/yy)	10/22	Total consultant contract cost (\$1,000's)	\$135
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)	\$135

ENOCS is a subcontractor of Power Engineers and assisted with **logistics, equipment, and field personnel for ecological services required for the proposed Williams LEG Pipeline Project**. This project was to evaluate the extent of potential project impacts to potentially jurisdictional waters of the United States, including wetlands. ENCOS personnel provided field support along an approximately 165-mile proposed pipeline route stretching across Beauregard, Calcasieu, Caddo, DeSoto, Sabine, and Vernon Parishes, Louisiana. The wetland and waterbody delineation were conducted in accordance with the USACE 1987 Wetland Delineation Manual and Atlantic and Gulf Coast Regional Supplemental Manual and Guidance. Wetland boundaries and ordinary high water mark boundaries of waterbodies were recorded using sub-meter real-time differentially corrected Global Positioning System (GPS) technology. Simultaneous with the wetland delineation, an ENCOS scientist conducted T&E species habitat survey of the proposed project area, based on the Federal and State listed species for the proposed areas. The field evaluation documented existing environmental conditions used in subsequent discussions with agencies regarding rare and sensitive species.

RELEVANT TEAM MEMBERS

Coklin Nguyen, Rachel Mixon, Jeremy Thompson

Firm name	GAEA CONSULTANTS, LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Orpheum Levee Slope Pave		Firm responsibility (prime or sub?)	SUB
Project number	N/A	Owner's name	Southeast Louisiana Flood Protection Authority - East	
Project location	New Orleans, LA	Owner's Project Manager	Donald Jerolleman, Jr	
Owner's address, phone, email	6920 Franklin Avenue, New Orleans, LA 70122; 504.286.3118; djerolleman@floodauthority.org			
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost (\$1,000's)	N/A	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$52.6	



The Southeast Louisiana Flood Protection Authority East recognized the need for additional levee protection along Orpheum Avenue to eliminate ongoing damage from large vehicles exceeding paved turning radii. **Gaea Consultants is providing conceptual and final design drawings, permitting assistance, and drainage impacts analyses.** Gaea performed drainage analysis along the length of the project area to understand how the new impervious surfaces would alter drainage conditions and adjusted the pavement design to address additionally created stormwater runoff. **Gaea has initiated the USACE Section 408 permit application process, coordinating with USACE and the Levee Authority. We will apply through the Join Permit Application for CUP and Section 10 permits and process the application for a levee permit once final design has been accepted by the Levee Authority.**

RELEVANT TEAM MEMBERS

Tonja Marking, PE, Lauren Peytayin, EI

Firm name	GAEA CONSULTANTS, LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Hermitage Bayou Bridge Replacement Environmental Assessment		Firm responsibility (prime or sub?)	SUB
Project number	N/A	Owner's name	Plaquemines Parish	
Project location	Plaquemines Parish, LA		Owner's Project Manager	Michael Sepcich (AIMS Group)
Owner's address, phone, email	4421 Zenith Street; Metairie, LA 70001; 504.887.7045; mss@aimsgroupinc.com			
Services commenced by this firm (mm/yy)	06/12	Total consultant contract cost (\$1,000's)		\$80
Services completed by this firm (mm/yy)	12/12	Cost of consultant services provided by this firm (\$1,000's)		\$20



Gaea Consultants addressed NEPA documentation requirements of the US Coast Guard to obtain a permit for the replacement of the Hermitage Bayou Bridge in Plaquemines Parish. We coordinated with USACE and LDNR to ensure necessary water quality certifications and permits were in place prior to construction. We analyzed possible encroachment impacts to floodplains and investigated the potential for wetland and threatened and endangered species disturbances. We investigated replacement of the bridge for compliance with the Clean Air Act, Noise Control Act, and other federal regulations. We consulted with the Louisiana Office of Cultural Development to assure that the project would not affect known historic properties.

RELEVANT TEAM MEMBERS

Tonja Marking, PE

Firm name	GAEA CONSULTANTS, LLC		Past Performance Evaluation Discipline(s)*	ENV
Project name	Environmental Services and Categorical Exclusion, Almonaster Avenue Bridge Rehabilitation & New Connector Road		Firm responsibility (prime or sub?)	SUB
Project number	N/A	Owner's name	Port of New Orleans	
Project location	New Orleans, LA		Owner's Project Manager	Michael Sulser
Owner's address, phone, email	1350 Port of New Orleans Place; New Orleans, LA 70130; 504.528.2551; michael.sulser@portnola.com			
Services commenced by this firm (mm/yy)	12/20	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$72.3



The Almonaster Avenue Bridge is an historic rail and vehicular bridge over the Inner Harbor Navigation Canal. Rehabilitation of the bridge requires a Categorical Exclusion and permitting services. **Gaea is performing all environmental services required under NEPA for a Categorical Exclusion and obtaining permits from the Louisiana Department of Natural Resources and Department of Environmental Quality, US Army Corps of Engineers, US Coast Guard, and Southeast Louisiana Flood Protection Authority-East.**

RELEVANT TEAM MEMBERS

Tonja Marking, PE, Lauren Peytayin, EI

18. APPROACH AND METHODOLOGY

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. If the consultant has information, it believes is proprietary, label it accordingly.

APPROACH



PROJECT MANAGEMENT AND THE PROVIDENCE TEAM



Clear communication among Providence, DOTD, and resource and regulatory entities is key, and proper project and task management is critical to the successful delivery of environmental projects. Providence has assigned **Regina Staten** to manage this contract. She has been with Providence for nine years and prior relevant experience includes working as a Coastal Resource Scientist Supervisor with the Louisiana Department of Natural Resources, Office of Coastal Management (OCM), dealing with Coastal Use Permits. Her goal is to establish efficient lines of communication with DOTD environmental staff and keep the Department aware of any issues or out-of-scope work needs that could potentially affect the schedule or program progress at the earliest opportunity to avoid potential problems or delays.

Providence's staff of wetland delineators have all undergone U.S. Army Corps of Engineers wetlands training and are experienced in sensitive species habitat surveys/reporting and all familiar with Endangered Species Act Section 7 consultations and Biological Assessments. For **oyster resources and other aquatic surveys**, Providence has teamed with **ENCOS, Inc.** To augment our **wetlands capabilities and broaden our geographic reach**, Providence has also teamed with **GAEA Engineering Consultants, LLC.** The experience and capabilities of these firms are outlined in other sections of this 24-102.

The Team's project manager will use **Deltak Vantagepoint**, a proven management software, to **manage our task order budgets.** Vantagepoint is a fully integrated, project-based enterprise resource planning software, offering visibility into all facets of our business from anywhere, at any time. With Vantagepoint, Providence manages the complete project life cycle, ensuring the critical information our team needs to manage projects is readily available. With this software, Providence has the capability to generate over 200 types of customized and comprehensive management reports as needed by the DOTD and required to efficiently manage projects or tasks. A quality assurance plan specific to this contract will be provided to DOTD upon request.

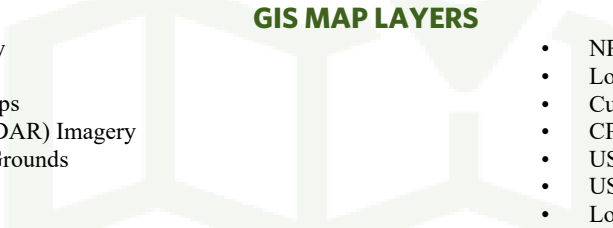
METHODOLOGY



PROJECT UNDERSTANDING

Upon issuance of a task order and receipt of proposed project information/location, Providence GIS analysts and regulatory specialists will conduct a desktop analysis to characterize the site and to design survey protocols. The desktop analysis will provide us with the information required to not

only conduct the requisite fieldwork but will give us the information needed to draft local, state, and federal permit applications. The analysis will include a thorough review of:

- 
- Louisiana Coastal Zone Boundary
 - USACE District Boundary Maps
 - LDWF Scenic Rivers System Maps
 - Light Detection and Ranging (LiDAR) Imagery
 - LDWF Oyster Leases and Seed Grounds
 - USGS Topographic Maps
 - NRCS Soils Maps
 - NRCS Wetland Reserve Program Maps
 - Local, State, and Federal Levee Systems
 - Current and Historic Aerial Photography
 - CPRA Projects
 - USFWS National Wetland Inventory Maps
 - USFWS Critical Habitat Layers
 - Louisiana Parishes Sensitive Species Lists



PROJECT EXECUTION

Desktop analyses can generally be completed in one day. Following the analysis, Providence will develop strategies and tactics (in coordination with the DOTD Environmental Manager) for both the fieldwork and permitting and will identify the resources required for the field survey(s). If there are oysters or other sensitive species components that require surveys, the Project Manager will identify and allocate the appropriate resources for deployment. Note that agency requirements for biological surveys (oysters, listed mussel species, colonial nesting bird colonies, etc.) are sometimes unknown until the state/federal permit applications are filed and the agencies respond.



SURVEYS AND REPORTING Providence Team biologists will document potential jurisdictional wetlands and regulated other waters of the United States at the proposed work locations in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual and the guidance from the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region* (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). In the New Orleans and Galveston Districts, the biologists will adhere to the protocols implemented by the U.S. Army Corps of Engineers (USACE) in June 2020 including flagging and additional data collection/exhibit preparation. The Providence Team will conduct, where appropriate, a sensitive species (threatened/endangered) survey during the wetland delineation fieldwork.

After completion of the fieldwork, a draft wetland data report/request for Preliminary Jurisdictional Determination (JD) containing a concise narrative on the three wetland parameters, routine wetland determination forms, copies of site photographs, soils information, and maps showing areas of potential jurisdictional wetlands and other waters of the United States will be submitted to DOTD for review and comment. Upon approval, the wetland data report/JD request will be submitted to the USACE for review and concurrence.



TIMING CONSIDERATIONS It has been the Providence Team’s experience that fieldwork and report preparation for JDs is generally approximately two weeks. USACE processing times for JD approvals vary and are influenced by site complexity and agency workload. In general, JDs require at least 60 to 90 days to complete.

*Note that as of this submittal, official USACE guidance regarding the recent Supreme Court decision (**Sackett vs. Environmental Protection Agency**) is pending. The guidance will affect under what circumstances the USACE assumes jurisdiction over a special aquatic site. The guidance may affect the overall timing of wetlands compliance regulatory issues.*



OYSTER RESOURCES are a vital part of the Louisiana coastal zone ecosystem. LDWF has developed standard sampling and reporting protocols for proposed activities on private oyster leases, public oyster seed grounds, public oyster seed reservations and public oyster tonging areas. The locations of state oyster resources are well documented and can be readily accessed during the planning phases of a transportation project. This information can be used to determine potential fatal flaws and to plan/develop mitigation measures for resource protection. **Joel Chaky** (ENCOS) has significant experience and is a Certified Oyster Biologist through the LDNR, Oyster Lease Damage Evaluation Board will lead all efforts relative to oyster biology and oyster surveys/reporting. Mr. Chaky has conducted biological and ecological oyster resources assessments of private oyster leases and public oyster seed grounds to establish suitability for commercial production and potential damage from proposed oil and gas activities.



LOCAL, STATE AND FEDERAL PERMITTING The Providence Team’s approach to environmental regulatory compliance is to fully understand all aspects of a proposed regulated action and subsequently convey that information to regulators in a concise, specific manner with continued, civil coordination with local, state, and federal regulators. The objective of providing liaison assistance between and among applicants and regulators is to bring agency personnel into the process as team members – not adversaries. This approach will, in the long term, shorten agency review times and mitigate processing delays. Our team works on hundreds of permit applications each year for private and public sector clients across the gulf coast. The Providence Team, which has two former Louisiana Department of Natural Resources, OCM regulators on staff, has significant experience in coordinating with the New Orleans, Galveston, Fort Worth, and Vicksburg Districts of the USACE and has prepared, submitted, and provided liaison assistance with hundreds of Section 10/404 permits as well as OCM Coastal Use Permits and Coastal Use Consistency Statements. We have also coordinated Special Use Permits with USFWS National Wildlife Refuge personnel and LDWF Wildlife Management Area officials regarding proposed work on federal and state lands, respectively. Local entities also play an important role in the regulatory review process and the Providence Team has coordinated with coastal zone parish local programs and levee boards regarding local requirements and authorizations.



USACE SECTION 10/404 AND OFFICE OF COASTAL MANAGEMENT (OCM) COASTAL USE PERMITTING

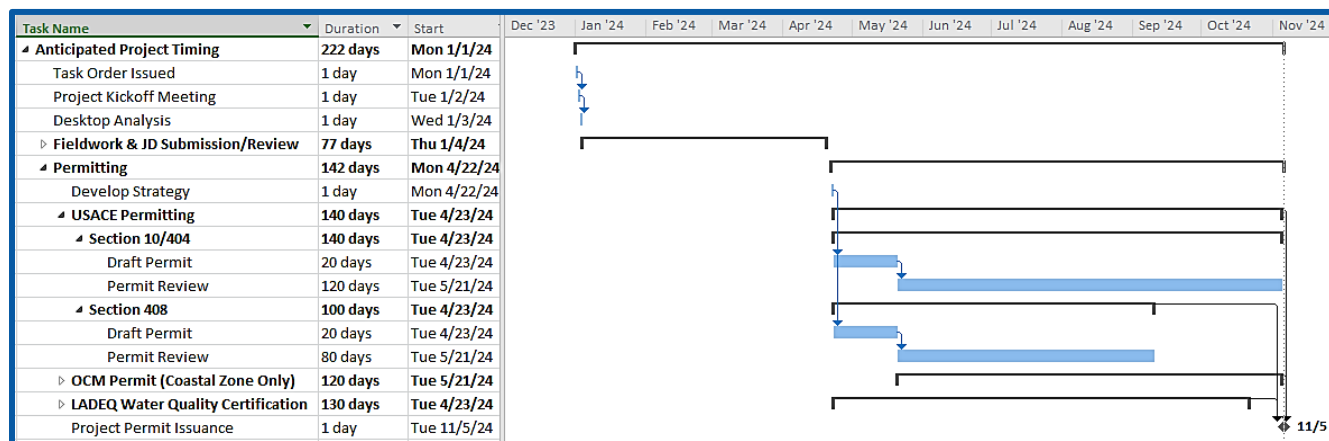
Providence will, in coordination with DOTD, prepare a Section 10/404 permit application for submittal to the appropriate USACE district and will provide subsequent liaison assistance with the relevant resource and regulatory agencies during the permit application review process. If the project is in the Louisiana Coastal Zone, Providence will prepare the requisite Joint Permit Application (JPA) for submittal to the OCM. If the application is processed by the USACE as an Individual Permit (IP), Providence will assist with (if required) the needs, alternative, and justification requirements as well as the Environmental Justice analysis required for issuance of IPs. If the USACE processes the application as an individual permit, the Louisiana Department of Environmental Quality (LDEQ) will require a Water Quality Certification (WQC). Providence will respond to information requests regarding the WQC and submit the appropriate information for processing. For projects outside of the Louisiana Coastal Zone, there may be projects that can be authorized under the USACE's Nationwide Permitting (NWP) process. In these instances, Providence, in coordination with DOTD, will draft and submit Pre-Construction Notifications (PCNs) to the appropriate USACE district. For DOTD projects, NWP-14 *Linear Transportation Projects* is the most widely used NWP.



TIMING CONSIDERATIONS Processing times for USACE and OCM permits vary by project complexity and potential impact. In general, processing may be completed within 120 to 180 days. In our previous experience with this state-wide contract, the USACE usually processes applications under the NWP scenario. Therefore, application review times(s) may be reduced.

USACE SECTION 408/LEVEE BOARD AUTHORIZATIONS are required pursuant to Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408) for any alterations to a USACE project. Section 408 permits are processed by the USACE Engineering Division with input from the local levee board and the Louisiana Coastal Protection and Restoration Authority (CPRA). If Section 408 is invoked, the Providence Team will provide the requisite information to the USACE, CPRA, and local levee board and provide liaison assistance throughout the review process. Note that a Section 10/404 permit will not be issued until the Section 408 request is approved.

SAMPLE PROJECT SCHEDULE



19. WORKLOAD

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work.
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity.
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and Project Number	Project Name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC				
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015488; SPN H.006499.6	Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services	\$114,133
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015488; SPN H.006538.6	Lafayette Consolidated Government (LCG) Sidewalks, (SRTS) Lafayette Parish, LA: IDIQ Contract for CE&I Services	\$213,995
Providence Engineering and Environmental Group LLC	Environmental/ Bridge	Contract No. 4400021783; SPN H.011963.5	Contract for Replacement of (8) Bridges, LA 648: Drain Canal Bridge	\$13,382
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015488; SPN H.010108.6	Independence SRTS-Phase II, Tangipahoa Parish: IDIQ Contract for CE&I Services	\$77,118
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015488; SPN H.014579.6	FYA Signal Improvement (LCG) Lafayette Parish: IDIQ Contract for CE&I Services	\$140,726
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015191; SPN H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$896,119

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and Project Number	Project Name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	Environmental	Contract No. N/A; H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project	\$834,090
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400007446; SPN H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	\$981,406
Providence Engineering and Environmental Group LLC	Environmental Planning Traffic	Contract No. 4400007803 Supplemental Agreement No 1, H.005121.5	LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish	\$93,847
Providence Engineering and Environmental Group LLC	Survey Road	Contract No. 4400023718; H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	\$21,945
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400015488, SPN H. 012235/Task Order No. H. 012235.6	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CE&I Services	\$1,480
Providence Engineering and Environmental Group LLC	Environmental/ Planning	Contract No. 4400017438; H.013284	MRB South GBR: LA 1 to LA 30 Connector Project	\$15,792
ENCOS, INC.				
				N/A
GAEA Consultants, LLC				
GAEA Consultants, LLC	Environmental	SPN H.014530 Contract No. N/A	Almonaster Bridge Replacement	\$969

(Add rows as needed)

DO NOT SUM

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

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20.CERTIFICATIONS/LICENSES

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

EMPLOYEE/FIRM	CERTIFICATIONS
Providence Engineering and Environmental Group LLC	
Paul Clifton, PWS	Professional Wetland Scientist
Regina Staten	Advanced Hydric Soils Advanced Wetland Photo Interpretation Graminoid Identification Workshop Introduction to Wetland Remote Sensing and Mapping Wetland Delineation Training Program
Tim Kimmel, AWB	Associate Wildlife Biologist Interagency Consultation for Endangered Species Wetland Delineation Training Program
Taylor Simoneaux, PWS, CWB	Professional Wetland Scientist Certified Wildlife Biologist Wetland Delineation Training Program Graminoid Identification Workshop
Kerry Oriol	NEPA and Transportation Decision Making
Chris Coyne	Wetland Delineation Training Program Authorized Gopher Tortoise Surveying, Hand Shovel Excavation, Bucket Trapping and Live Trapping
ENCOS, INC. (LED Small Business and Hudson Initiative)	
Joel Chaky	Open Water Scuba Diver
Coklin Nguyen	Open Water Scuba Diver CPRA Certified Levee Inspector
Steven Tidwell	Engineering Intern (MS)
Jeremy Thompson	Open Water Scuba Diver CPRA Certified Levee Inspector
Rachel Mixon	Open Water Scuba Diver CPRA Certified Levee Inspector
GAEA Consultants, LLC (DOTD DBE/SBE Certified)	
Tonja Koob Marking	Professional Engineer
Lauren Peytayin	Engineering Intern

Wetland Training Institute

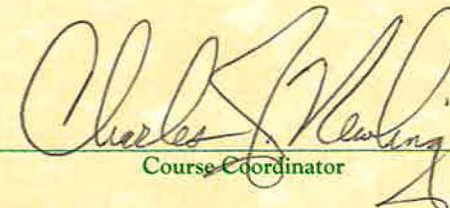
This certifies that
Regina Staten

has completed the Wetland Training Institute, Inc.
Course entitled

Advanced Hydric Soils

Given at Houston, Texas

On March 16-17 (16 hours), 20 15



Course Coordinator

Certificate Of Completion

Regina Staten

has successfully completed

Advanced Wetland Photo Interpretation

held at University of Louisiana at Lafayette



Chief Spatial Analysis Branch



Workshop Coordinator Spatial Analysis Branch

Sponsored by the

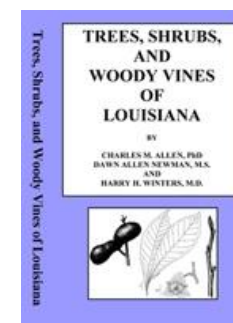
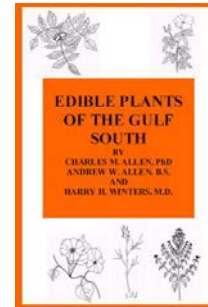
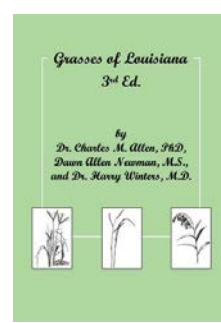
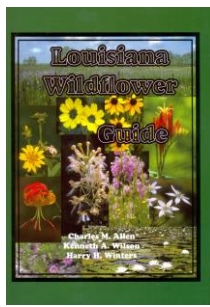
UNIVERSITY OF LOUISIANA AT LAFAYETTE

NASA Regional Application Center

U.S GEOLOGICAL SURVEY

NATIONAL WETLANDS RESEARCH CENTER & MID-CONTINENT MAPPING CENTER





CERTIFICATE

Regina Staten

COMPLETED:

GRAMINOID IDENTIFICATION WORKSHOP

Tuesday May 15 thru Thurs May 17, 2018

Including 27 hours of field work (250 plus species)

INSTRUCTOR: Dr. Charles M. Allen

Allen Acres in Cravens, Louisiana; 5070 Hwy 399; Pitkin, LA 70656

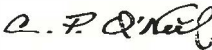
337-328-2252 native@camtel.net www.nativeventures.net

Certificate Of Completion

Regina Staten
has successfully completed

Introduction to Wetland Remote Sensing and Mapping
held at University of Louisiana at Lafayette


Chief Spatial Analysis Branch



Workshop Coordinator Spatial Analysis Branch
Sponsored by the

UNIVERSITY OF LOUISIANA AT LAFAYETTE
NASA Regional Application Center
U.S GEOLOGICAL SURVEY

NATIONAL WETLANDS RESEARCH CENTER & MID-CONTINENT MAPPING CENTER



UNIVERSITY
OF
LOUISIANA
L a f a y e t t e

Richard Chinn Environmental Training, Inc.

certifies that

Regina Stone

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued Certificate No. 7381 and 3.8 CEUs, September 8 - 11, 2014 in Baton Rouge, Louisiana



Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

1.800.427.0307 • FAX: 1.813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.





***Society of Wetland Scientists
Professional Certification Program, Inc***

grants the designation

Professional Wetland Scientist

For

Paul Clifton

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 1/9/2021.
Professional Wetland Scientist number 3326. Due to recertify by 1/9/2026.



Kimberli J. Ponzio, PWS
President

Robert D. Shannon, Ph.D., PWS
Review Panel Chair

Certificate of Attendance

presented to

Kerry Higgins

for attending the

*National Environmental Policy Act (NEPA)
and Transportation Decision Making*

and for having been awarded 18 Professional Development Hours

December 3- 5, 2002

Date

Baton Rouge, LA

Location

Sandra Romero

Authorized By

LTRC

Louisiana Transportation Research Center



***Society of Wetland Scientists
Professional Certification Program, Inc***

grants the designation

Professional Wetland Scientist

For

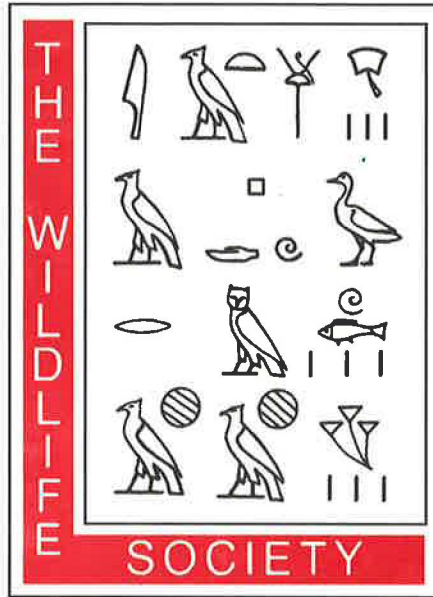
Taylor Simoneaux

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 12/30/2020.
Professional Wetland Scientist number 3321. Due to recertify by 12/30/2025.



Kimberli J. Ponzio, PWS
President

Robert D. Shannon, Ph.D., PWS
Review Panel Chair



The Wildlife Society

INCORPORATED IN WASHINGTON, D.C.

grants the designation

Certified Wildlife Biologist

to

Taylor Nelson Simoneaux

in recognition of fulfillment of all the professional requirements approved by The Wildlife Society and verified by the Society's Certification Review Board. This designation is valid for 5 years, beginning the first day of October 2019, provided membership in the Society remains in good standing.



Gay C. White

President, The Wildlife Society

Steve Coulter

Chair, Certification Review Board

Ed R.

Executive Director, The Wildlife Society

Richard Chinn Environmental Training, Inc.

certifies that

Taylor Simoneaux

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued Certificate No. 8010 and 3.8 CEUs, September 19 - 22, 2016, in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points.



Richard Chinn, PWS, CET

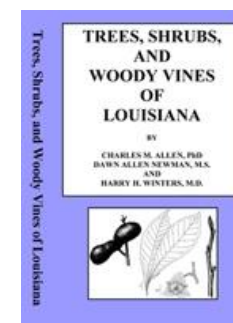
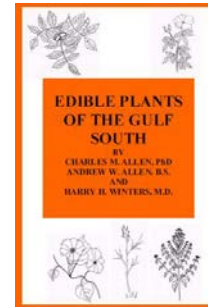
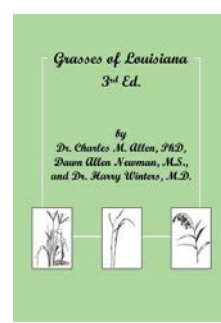
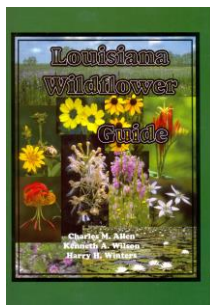
Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.





CERTIFICATE

Taylor Simoneaux

COMPLETED:

GRAMINOID IDENTIFICATION WORKSHOP
Tuesday April 24 thru Thurs April 16, 2018
Including 27 hours of field work (250 plus species)

INSTRUCTOR: Dr. Charles M. Allen

Allen Acres in Cravens, Louisiana; 5070 Hwy 399; Pitkin, LA 70656

337-328-2252 native@camtel.net www.nativeventures.net

Certificate of Completion

INTERAGENCY CONSULTATION FOR ENDANGERED SPECIES

Awarded to

Tim Kimmel

*For successfully completing the 16-hour Interagency Consultation for Endangered
Species course with Duncan & Duncan Wetland and Endangered Species Training*

Awarded this Fourteenth Day of March, 2014



Lori Duncan---Endangered Species Instructor, D&D WEST



Jake Duncan---Wetlands Instructor, D&D WEST

Richard Chinn Environmental Training, Inc.

certifies that

Tim Kimmel

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued Certificate No. 6053 and 3.8 CEUs on this seventh day of January, 2011, in Flowood, Mississippi



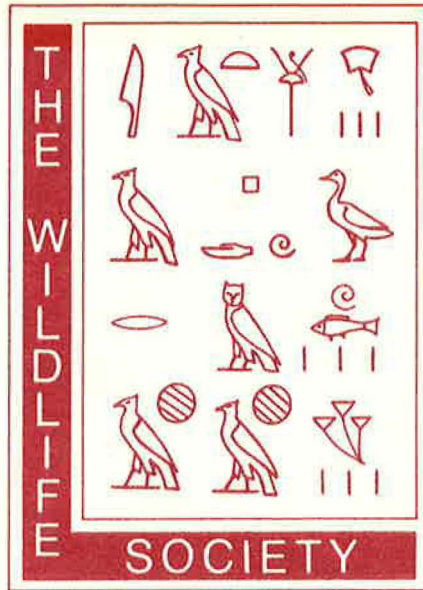
Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

1.800.427.0307 • FAX: 1.888.457.6331 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.



The Wildlife Society

INCORPORATED IN WASHINGTON, D.C.

grants the designation

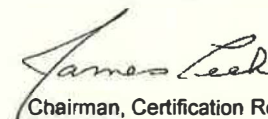
Associate Wildlife Biologist

to

Timothy C. Kimmel

for fulfilling the educational requirements approved by The Wildlife Society and verified by the Society's Certification Review Board. This designation is valid for 10 years, beginning this 18th day of May 2011, provided membership in the Society remains in good standing.


President, The Wildlife Society


Chairman, Certification Review Board


Executive Director, The Wildlife Society

GOPHER TORTOISE CERTIFICATION TRAINING PROGRAM
Wildlands Conservation, Inc.
Tampa, Florida

August 5, 2022

To: Chris Coyne
Email: chriscoyne@providenceeng.com

Subject: GT Combination B Course Results

Congratulations! You have passed the GT Combination B course of our Gopher Tortoise Certification Training Program. As part of this course, you have fulfilled the classroom and field requirements to become an Authorized Gopher Tortoise Agent in the designated activities of Gopher Tortoise Surveying, Hand Shovel Excavation, Bucket Trapping, and Live Trapping.

This letter can be attached to your FWC Authorized Agent Application to certify that you have received official training in these activities. If you have questions please contact Neal Halstead at nhalstead@wildlandsconservation.org.

Sincerely,



Neal Halstead
Senior Ecologist
Wildlands Conservation Inc.

Richard Chinn Environmental Training, Inc.

certifies that

Christopher Coyne

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 8969 and 3.8 CELs on August 9 - 12, 2021 in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points


Richard Chinn, SPWS

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.





Division of Small and Emerging Business Development

SEBD CERTIFICATION

ENCOS, INC.

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 11/20/2017 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 11/20/2017

This certification expires on: 11/20/2027

Certification No. 4617

A handwritten signature in black ink that reads "John W. Matthews, Jr." with a stylized flourish at the end.

John W. Matthews, Jr.,
Executive Director, Entrepreneurial Services



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

ENCOS, INC.

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

This certification is valid from 8/9/2023 to 8/9/2024 .

Certification No. 4617

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

**Stephanie Hartman,
Director, Entrepreneurial Services**

NAUI[®]

NATIONAL ASSOCIATION OF UNDERWATER INSTRUCTORS

**OPENWATER I
SCUBA DIVER**

JOEL CHAKY

Q214698

6-00

5513

Registration No.

Date

Instructor No.

SEVEN SEAS

Instructor/Facility



Instructor/NAUI Official Signature

Cardholder Signature

Michael R. Smith

Paul M. Clarke

Baton Rouge, La.

57

M

7/6/60

Training Location

Height

Sex

Birth Date



This credential verifies that the person whose name appears on the front of this card demonstrated the skills and knowledge necessary to meet NAUI standards for the indicated certification level prior to issuance.

IF FOUND, PLEASE RETURN TO:
NAUI Headquarters, P.O. Box 14650, Montclair CA 91763-1150

2178 | ©NAUI 1987

OPEN WATER SCUBA DIVER

Jeremy Thompson

Certification #: 9F6RCBC

Certification Date: Jul 16, 2023

Suzanne Foret (#46659)



Cardholder met requirements at time of certification to engage in open water diving activities without supervision in accordance with NAUI and EUF/ISO 24801-2 Autonomous Diver Standard





Coastal Protection and Restoration Authority

HEREBY DECLARES THAT

Jeremy Joseph Thompson

HAS COMPLETED THE LEVEE INSPECTION COURSE DESIGNED BY DOTD LTRC AND CONDUCTED BY CPRA

**AND IS DESIGNATED AS A CERTIFIED LEVEE INSPECTOR
FOR THE STATE OF LOUISIANA**

CPRA

4/8/2022

Date

A handwritten signature in black ink, appearing to read "Ignacio Harrouch".

Ignacio Harrouch, P.E.

*Chief Engineer, Operations Division
Coastal Protection and Restoration Authority*

THIS CERTIFICATION IS VALID FOR FIVE YEARS FROM ABOVE DATE

OPEN WATER SCUBA DIVER

Rachel Mixon

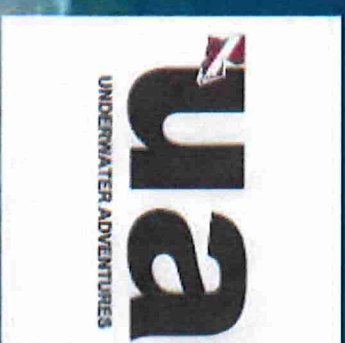
Certification #: 3597629

Certification Date: Jul 18, 2023

Suzanne Foret (#46659)



Cardholder met requirements at time of certification to engage in open water diving activities without supervision in accordance with NAUI and EUF/ISO 24801-2 Autonomous Diver Standard





Coastal Protection and Restoration Authority

HEREBY DECLARES THAT

Rachel Mixon

HAS COMPLETED THE LEVEE INSPECTION COURSE DESIGNED BY DOTD LTRC AND CONDUCTED BY CPRA

***AND IS DESIGNATED AS A CERTIFIED LEVEE INSPECTOR
FOR THE STATE OF LOUISIANA***

CPRA

4/1/2022

Date

A handwritten signature in black ink, appearing to read "Ignacio Harrouch".

Ignacio Harrouch, P.E.

***Chief Engineer, Operations Division
Coastal Protection and Restoration Authority***

THIS CERTIFICATION IS VALID FOR FIVE YEARS FROM ABOVE DATE

OPEN WATER SCUBA DIVER

Coklin Chi Nguyen

Certification #: 7ADR9E8

Certification Date: Jul 16, 2023

Suzanne Foret (#46659)

Cardholder met requirements at time of certification to engage in open water diving activities without supervision in accordance with NAUI and EUF/ISO 24801-2 Autonomous Diver Standard





Coastal Protection and Restoration Authority

HEREBY DECLARES THAT

Coklin Nguyen

HAS COMPLETED THE LEVEE INSPECTION COURSE DESIGNED BY DOTD LTRC AND CONDUCTED BY CPRA

**AND IS DESIGNATED AS A CERTIFIED LEVEE INSPECTOR
FOR THE STATE OF LOUISIANA**

CPRA

4/12/2022

Date

Ignacio Harrouch, P.E.

Chief Engineer, Operations Division

Coastal Protection and Restoration Authority

THIS CERTIFICATION IS VALID FOR FIVE YEARS FROM ABOVE DATE

Richard Chinn Environmental Training, Inc.

certifies that

Coklin Nguyen

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued certificate No. 7701 and 3.8 CEUs from September 21 - 24, 2015 in Baton Rouge, Louisiana


Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098

1.800.427.0307 • FAX: 1.813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

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MISSISSIPPI

Board of Licensure for Professional Engineers and Surveyors

Licensing Home

Renew License

General Information

Pocket Card

Pay Balance

Payment Tracking

FAQ

Contact Us

Logout

EI-7965 Steven Blake Tidwell License Status: **ACTIVE** Engineer Intern

Personal Details

Name: Steven Blake Tidwell **Primary Phone:** (662)801-4860 (WORK)

Primary Email: sbtidwel@hotmail.com **Date of Birth:** 05/21/1986

Employer Name: **Position:**

Address: 10636 Landsbury Ave, Baton Rouge, LA 70809 East Baton Rouge USA

[Edit Personal Details](#)

Active Licenses

License #	Type	Status	Renewal Date	First Licensure	Effective Date	Expiration Date
EI-7965	Engineer Intern	ACTIVE	03/30/2012	03/30/2012	03/30/2012	12/31/9999



© Copyright 2023 Mississippi Board of Licensure for Professional Engineers and Surveyors, Mississippi Department of Information Technology Services. All Rights Reserved.
[Board of Engineers and Surveyors Website Disclaimer](#)
 Many documents provided within this website are in Adobe Acrobat PDF format.
<http://www.adobe.com/products/acrobat/readstep.html>





Office of the Secretary

PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

John Bel Edwards, Governor
Eric Kalivoda, Secretary

April 20, 2023

GAEA Consultants, LLC

Attn: Tonja Koob
536 Washington Ave.
New Orleans, LA 70130

Dear Tonja Koob,

The Louisiana Department of Transportation and Development (LADOTD) has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS and/or DOTD Work codes:

- NC518210 – Data Processing, Hosting and Related Services**
- NC541330 – Engineering Services**
- NC541340 – Drafting Services**
- NC541360 – Geophysical Surveying and Mapping Services**
- NC541370 – Surveying and Mapping (Except Geophysical) Services**
- NC541611 – Administrative Management and General Management Consulting Services**
- NC541620 – Environmental Impact Assessment**
 - C20 – Environmental Impact Assessment
 - C22 – Environmental Engineering
- NC541690 – Other Scientific and Technical Consulting Services**
- NC541720 – Research and Development in the Social Sciences and Humanities**
- NC712110 – Museums**
- NC712120 – Historical Sites**

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

GAEA Consultants, LLC

April 20, 2023

Page 2

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2024**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

The LADOTD has contracted with Urban League of Louisiana Center for Entrepreneurship & Innovation to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Klassi Duncan with Urban League of Louisiana Center for Entrepreneurship and Innovation at (504) 620-9647 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace

DBE/SBE Programs Manager

Enclosure (Certificate)



Office of the Secretary

PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

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Eric Kalivoda, Secretary

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- NC541370 – Surveying and Mapping (Except Geophysical) Services**
- NC541611 – Administrative Management and General Management Consulting Services**
- NC541620 – Environmental Impact Assessment**
 - C20 – Environmental Impact Assessment
 - C22 – Environmental Engineering
- NC541690 – Other Scientific and Technical Consulting Services**
- NC541720 – Research and Development in the Social Sciences and Humanities**
- NC712110 – Museums**
- NC712120 – Historical Sites**

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GAEA Consultants, LLC

April 20, 2023

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We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace

DBE/SBE Programs Manager

Enclosure (Certificate)



Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
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April 20, 2023

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GAEA Consultants, LLC

April 20, 2023

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If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace

DBE/SBE Programs Manager

Enclosure (Certificate)



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& under the State of Louisiana United Certification Program (LAUCP)

GAEA Consultants, LLC

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

**NC518210, NC541330, NC541340, NC541360, NC541370, NC541611,
NC541620, NC541720, NC712110, NC712120**

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

Certificate Eligibility: March 2023 to March 2024

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager


Louisiana Department of Transportation & Development



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/15/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Tonja Lea Koob
536 Washington Avenue
New Orleans, Louisiana 70130

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Ms. Tonja Lea Koob	
License/Certificate Type - Number	Expiration Date
PE.0030749	09/30/2023
Status: Active	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Fold Here

Cut Here

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer


All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/15/2023 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Lauren Michelle Peytavin
536 Washington Avenue
New Orleans, Louisiana 70130

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Ms. Lauren Michelle Peytavin		
License/Certificate Type - Number	Expiration Date	
EI.0033772	09/30/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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21. QA/QC PLAN

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

N/A

22. SUB-CONSULTANT INFORMATION

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name <i>(Name must match as registered with Louisiana's Secretary of State)</i>	Address	Point of Contact and email address	Phone Number
ENCOS, Inc.	17373 Opportunity Ave., Baton Rouge, LA 70817	Joel Chaky jchaky@encos.net	(225) 921-1353
Gaea Consultants, L.L.C.	536 Washington Ave., New Orleans, LA 70130	Tonja Koob Marking Tonja.k.marking@gaeaconsultants.com	(504) 962-5360

23. LOCATION

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.**

N/A