



Hammond, LA Phone: (985) 662-5501 www.elosenv.com



IDIQ CONTRACTS FOR ENVIRONMENTAL PERMITTING AND BIOLOGICAL SERVICES CONTRACT NOS. 4400027474 AND 4400027480

August 22, 2023

DOTD FORM: 24-102

(Revised January 1, 2023)


PROPOSAL TO PROVIDE CONSULTANT SERVICES

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	CONTRACT NOS. 4400027474 AND 4400027480
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	ELOS Environmental, L.L.C.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	N/A
6. Prime consultant mailing address	607 W Morris Avenue Hammond, LA 70403
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	607 W Morris Avenue Hammond, LA 70403
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Lucas Watkins President (985)662-5501 lwatkins@elosenv.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Lucas Watkins President (985)662-5501 lwatkins@elosenv.com



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

<p>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.</p>	 <p>Signature above shall be the same person listed in Section 9:</p> <p><u>August 22, 2023</u></p> <p>Date</p>
<p>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.</p>	<p><u>Firm(s):</u> La Terre Engineering LLC <u>Firm(s)' %:</u> 5</p>

12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	 *PRIME	 *DBE	Each Discipline must total to 100%
Environmental	100%	95%	5%	100%
Percent of Contract	100%	95%	5%	100%



13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	1
	Biologists/ Wetlands	2	5
	Environmental Manager	1	10
	Archaeologist	1	3
	GIS Technician	1	8
	Engineer	1	1

14. Organizational Chart:



15. Minimum Personnel Requirements:

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 and 2	Lucas Watkins		US Department of Transportation Federal Highway Administration NHI Course #142005	LA	N/A
3 and 5	Cory Ricks		Wetland Training Institute Certification	LA	N/A
4 and 7	Brian Fortson		N/A	N/A	N/A
6	Justin Daley		Registered Professional Archaeologist #28576092	LA	N/A
3 and 8	Basile Dardar		ATSSA Traffic Control Technician	LA	11/29/2026
9	Taston Brookshire		N/A	N/A	N/A
7	Seneca Toussant		PE.0036080- Civil Engineering	LA	09/30/2025

16. Staff Experience:

Firm employed by ELOS Environmental, LLC			
Name	Lucas Watkins	Years of relevant experience with this employer	15
Title	President	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		MS, Biological Sciences, Southeastern Louisiana University, 2005 BS, Forest Management, Louisiana State University, 2000	
Active registration number/state / expiration date			
Year Registered		Discipline	
Contract role(s) / brief description of responsibilities		<p>Lucas Watkins is the President and founding Principal of ELOS. Mr. Watkins provides senior-level project and program management for large-scale, multi-faceted projects, such as disaster recovery debris removal efforts, wetland restoration implementation, government grant management, and complex construction projects.</p> <p>His key strengths include wetland delineations, wetland permitting, wetland restoration, NEPA compliance, ASTM Phase I ESAs, stormwater management, FERC regulatory overview and guidance, endangered species surveys, and timber and forest management. He has substantial experience in permitting municipal infrastructure, levees, borrow pits, oil and gas exploration, productions, and transmission activities, as well as working on other public and private sector environmental-related issues.</p> <p>In combination with his 15 years of experience as a dedicated environmental scientist, Mr. Watkins also provides Quality Assurance and Quality Control on all ELOS projects and reports. Mr. Watkins ensures that ELOS acquires the best tools and techniques to guarantee efficient and cost-effective delivery of services to clients.</p>	
Ongoing	<p>Move Ascension <i>Ascension Parish, LA, Environmental Scientist, 2017 – Present</i></p> <p>ELOS has been contracted to perform wetland delineations, cultural resource consultation, and permitting consultation for multiple roadway projects located in Ascension Parish. Mr. Watkins oversees ELOS staff to perform the wetland delineations, as well as cultural resource field investigations. Mr. Watkins assists the ELOS team with permitting all roadway permits as part of the Move Ascension project. Client Reference: John Basilica, Vice President, HNTB Corporation, 10000 Perkins Rowe, Ste. 640, Baton Rouge, LA 70810, (225) 368-2881, jbasilica@hntb.com</p>		
2018	<p>Desktop Habitat Analysis for Mid-Breton Sediment Diversion, Coastal Protection and Restoration Authority <i>Plaquemines Parish, LA, President/Environmental Scientist, 2018</i></p> <p>ELOS was contracted to conduct a Jurisdictional Determination and complete a desktop habitat analysis for approximately 26,985 acres of possible delta-influenced area within the proposed Mid-Breton Sediment Diversion outfall area in Plaquemines Parish, Louisiana. Mr. Watkins provided oversight for each scope of the project. This included using publicly available data to quantify marsh acreage and distinguish marsh types within the proposed outfall area, including infrared aerial photographs, LIDAR data, USGS hydrologic unit code</p>		

	<p>water data, NRCS soil survey, USFWS National Wetlands Inventory maps, and Louisiana Coastwide Reference Monitoring Systems (CRMS) Wetlands monitoring data. He also assisted in reviewing all data from the report that described freshwater forest/shrub wetland, freshwater marsh, intermediate marsh, brackish marsh, salt marsh, and open water habitats and their respective acreages. Throughout overseeing the project, Mr. Watkins worked closely with the client to ensure customer satisfaction. Client Reference: Thomas Cancienne, Stantec Consulting Services Inc, 1340 Poydras Street, Suite 1420, New Orleans, LA 70112, (504) 654-1726, thomas.cancienne@stantec.com</p>
2017-2018	<p>I-10 Highland to LA 73 Design Build <i>East Baton Rouge Parish to Ascension Parish, LA, Environmental Scientist, 2017 – 2018</i></p> <p>ELOS was contracted to act as the environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville. Mr. Watkins was the principal on this project overseeing all aspects to ensure efficiency and quality work. Client Reference: Robbie Lear, Sigma Consulting Group, Inc. 10305 Airline Hwy, Baton Rouge, LA 70816, (225) 298-0800, rlear@sigmacg.com.</p>
2017	<p>LA 3234 Extensions to Hammond Airport Environmental Assessment <i>Tangipahoa Parish, LA, President/Project Management, 2017</i></p> <p>ELOS was contracted to provide environmental services for the LA-3234 Extension from LA-1065 to Hammond Airport. These services included preparing estimates of environmental mitigation costs, whereas ELOS estimated the cost of mitigating any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. Mr. Watkins acted as the principal in charge of overseeing this project and provided guidance along the way. Client Reference: Bruce Richards, N-Y Associates, 2750 Lake Villa Drive, Metairie, LA 70002, (504) 885-0500, brichards@n-yassociates.com.</p>
2015-2018	<p>St. Tammany Parish Drainage System Maintenance and Upgrade Permitting <i>Tangipahoa Parish, LA, Principal, 2015-2018</i></p> <p>ELOS assisted with the environmental assessment and permitting of various drainage maintenance and upgrade efforts for St. Tammany Drainage District #5. Projects included retention pond permitting, pond and outfall upgrades, drainage conveyance upgrades, and comprehensive drainage improvements within the district. Mr. Watkins oversaw all of the technical and regulatory work throughout the process of this project. Client Reference: Jason Cambre, P.E./Truman “Trip” Sharp, P.E., St. Tammany Parish Department of Engineering, P.O. Box 628, Covington, LA 70434, (985) 898-2552.</p>

Firm employed by ELOS Environmental, LLC				
Name	Brian Fortson		Years of relevant experience with this employer	9
Title	Environmental Scientist/ Senior Project Manager		Years of relevant experience with other employer(s)	30+
Degree(s) / Years / Specialization		BS, Wetland Ecology, Southeastern Louisiana University, 1995 JD, Civil Law, Loyola University School of Law, 2006		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		<p>Mr. Fortson leads permitting efforts for multiple projects for local development and infrastructure improvement efforts. Mr. Fortson provides technical expertise on many other projects for which he is not the lead scientist.</p> <p>Mr. Fortson served as a Planning Technician, Land Use Planner, Environmental Specialist, and Coastal Wetland and Environmental Resources Manager for St. Tammany Parish Government from 1988 to 2013. He was responsible for the administration of the St. Tammany Parish Local Coastal Program under the Coastal Zone Management Act and was responsible for managing the natural resource permitting efforts for Parish Government.</p> <p>Mr. Fortson was the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) representative for St. Tammany Parish, beginning with Project Priority List 1 and has proposed and presented multiple coastal restoration projects and facilitated the approval of projects through the permitting process.</p>		
2022-Ongoing	<p>DOTD River Road Bridge <i>Tangipahoa Parish, LA, Project Manager, March 2022 – Ongoing</i> Mr. Fortson is responsible for preparing a wetland delineation report to obtain a jurisdictional determination from USACE for the 7-acre project area, as well as assist with SOVs for DOTD North River Road Bridge (H. 014265). Client Reference: Mr. Louis Jackson, P.E. Operations and Quality Control Manager Infinity Engineering Consultants, LLC 4001 Division Street, Metairie, LA 70002; ljackson@infinityec.com, 504-304-0548</p>			
2022-Ongoing	<p>DOTD Savanne Road Bridge <i>Terrebonne Parish, LA, Project Manager, March 2022 – Ongoing</i> Mr. Fortson provides project management oversight for collecting data and preparing a wetland delineation report to obtain a jurisdictional determination from USACE for the 7-acre project area, as well as assist with SOVs for DOTD Savanne Road Bridge (H.014267). Client Reference: Mr. Louis Jackson, P.E. Operations and Quality Control Manager Infinity Engineering Consultants, LLC 4001 Division Street, Metairie, LA 70002; ljackson@infinityec.com, 504-304-0548</p>			
2022- Ongoing	<p>STP Lock No. 2 Bridge Replacement <i>St. Tammany Parish, LA, Project Manager, March 2022 – Ongoing</i> ELOS is contracted to perform a wetland delineation, submit a permit application, perform a State Historic Preservation Officer (SHPO) Section 106 desktop review and consultation, and perform USFWS ESA desktop biological assessment for the St. Tammany Parish Lock No. 2 Bridge Replacement project located on a 1.75-acre site in St. Tammany Parish, LA. Mr. Fortson provides management oversight for the wetland delineation to USACE to determine the potential jurisdictional wetlands and other waters. He also provides management</p>			

	oversight for the Threatened & Endangered (T&E) species survey and coordinates with the SHPO to complete the section 106 desktop review. Client Reference: <i>Jitendra Shah, P.E. Meyer Engineers, Ltd. 4937 Hearst Street Metairie, LA 70001</i>
2022	Breaux Bridge Manor Phase III <i>St. Martin Parish, LA, Project Manager, January 2022 – May 2022</i> ELOS was contracted to collect data and prepare a report to support a wetland delineation and request a jurisdictional determination from USACE within an approximately 400-acre total project area located in Breaux Bridge, LA. Mr. Fortson provided project management. He provided oversight and direction for the biology team conducting the wetland delineation. Mr. Fortson and his team obtained information for the wetland delineation report and coordinated between the client and government agencies. Client Reference: <i>Mr. Jamie Seal, CFM, Quality Engineering & Surveying, LLC, 18350 Highway 42, Port Vincent, LA 70726; jseal@qesla.com, 225-205-5752</i>
2021-2022	IMTT NW 14 And Permit Mod <i>Avondale, LA, Project Manager, July 2021 – March 2022</i> ELOS was contracted for collecting data and submitting a Joint Permit Application/Nationwide 14 permit request for a road crossing and preparing a Joint Permit Application to support a modification to a previous Section 404 permit issued to authorize construction activities on the southwest portion of the IMTT property fronting US Highway 90 in Avondale, LA. Mr. Fortson was responsible for submitting a separate JPA modification request to LDNR OCM and USACE. Client Reference: <i>Mr. Brian Heath, Project Manager, IMTT, LLC, 400 Poydras, Suite 3000, New Orleans, LA 70130</i>
2021-2022	STP Chris Kennedy Rd Bridge Replace <i>St. Tammany Parish, LA, Project Manager, May 2021 – September 2022</i> ELOS was contracted to prepare reports to support a wetland delineation and to prepare and submit permit applications for authorization from USACE. Mr. Fortson served as the project manager and supervised fieldwork for completing a biological assessment, and completing cultural resources review for a 1-acre site for the proposed bridge replacement at Gum Creek on Chris Kennedy Road. Client Reference: <i>J Mr. Anthony F. Goodgion, P.E., Vice-President, Linfield, Hunter, & Junius, Inc., 3608 18th Street, #200 Metairie, LA 70002; agoodgion@lhjunius.com, 504-833-5300</i>
2017	LA 3234 Extension to Hammond Airport Environmental Assessment <i>Tangipahoa Parish, La, Project Manager, 2017</i> Mr. Fortson is responsible for supervising fieldwork, wetlands delineation, biological surveys, and Section 404 application for three alternative alignments being studied for the extension of E. University Avenue from LA 1065 to the Hammond Airport. He provided the wetlands value assessment (WVA) to estimate mitigation costs for unavoidable impacts on wetlands. Client Reference: <i>Bruce Richards, N-Y Associates, 2750 Lake Villa Drive, Metairie, LA 70002; brichards@n-yassociates.com, 504-885-0500</i>
2015-2016	LA 22 To Club Deluxe Road) Draft EA, Phase I ESA, And Biological Survey Report <i>Tangipahoa Parish, LA, Project Manager, 2015-2016</i> Mr. Fortson supervised and participated in field investigations to support wetlands delineations and findings reports, biological surveys, and threatened and endangered species reports. He also provided coordination among natural resource agencies, consultation with landowners, and outreach to public groups. Client Reference: <i>Bruce J. Richards, AICP Vice President/Director of Planning, N-Y Associates, Inc., 2750 Lake Villa Drive Metairie, LA 70002; brichards@n-yassociates.com, 504-885-0500</i>

Firm employed by ELOS Environmental, LLC			
Name	Justin Daley	Years of relevant experience with this employer	1
Title	Marine Archaeologist	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Ph.D., Maritime Archaeology, Flinders University, 2020 MA, Applied Archaeology, Indiana University of Pennsylvania BA, History, Central Connecticut State University	
Active registration number / state / expiration date		Registered Professional Archaeologist #28576092	
Year Registered		Discipline	Archaeology
Contract role(s) / brief description of responsibilities		<p>Dr. Daley is an experienced maritime and industrial archaeologist with a diverse range of expertise. As the Director of Cultural Resources and Senior Project Manager, his responsibilities include budgeting, staffing, delegation of tasks, project organization and development, consultation, field preparation and execution, proposals, 106 desktop reviews, and report production, as well as QAQC of all reports written within the cultural resource department.</p> <p>Prior to joining ELOS, he was a maritime archaeologist who excavated shipwrecks in Bermuda and Australia, worked throughout the northeast on archaeological projects, lived with the Yupik Native Alaskans in the Yukon, and most recently, lived in New York as a project archaeological inspector. Dr. Daley is an American Academy of Underwater Sciences-trained scientific diver and is a PADI Open water SCUBA Instructor with specialized training in Side scan sonar, tow boarding, radar, magnetometers, mapping, excavation and all other underwater investigative and data processing techniques.</p>	
Ongoing	<p>Tchefuncte Habitat Restoration Cultural Resources Investigation <i>St. Tammany Parish, LA, Ongoing</i> ELOS was contracted to provide cultural resources management services for conducting a marine cultural resource survey of the Tchefuncte Lighthouse. ELOS is providing services for three tasks to fulfill the requirements of Section 106 of the NHPA including the scope of work development, Terrestrial Phase I Cultural Resource Survey, and the Cultural Resource Assessment No Findings Report. Dr. Daley served as Project Manager, Co- Principal Investigator, and Primary Author while working to identify prehistoric or historic cultural resources within the project area, and in particular features or materials related to the lighthouse. Client Reference: Andrew Woodroof, awoodruff@deii.net, (504) 468-6129</p>		
2022	<p>Kyle Associates PRNC Dredge Project: Phase 1 Cultural Resource Survey <i>St. Tammany Parish, LA, 2022</i> ELOS was contracted to provide professional cultural resources management services for a 12-acre site for the restoration of the Pearl River Diversion Canal in St. Tammany Parish, Louisiana. ELOS provided services to fulfill the requirements of Section 106 of the NHPA, as amended: 1) Background Research; 2) Terrestrial Phase I Cultural Resource Survey; 3) Cultural Resource Assessment No Findings Report. Dr. Daley served as Field Director and Co-author while working to locate and identify any historical cultural resources within the project area in anticipation of drainage improvement activities on the project site. Client Reference: Eddie Powell, epowell@kyleassociates.net, (985) 727-9322</p>		
01/20-11/22	<p>Project Archaeological Inspector <i>Tectonic Engineering, Queens, NY January 2020 – November 2022</i></p>		

	Dr. Daley was responsible for monitoring multiple crews in this previous role. As he managed several groups simultaneously in New York, he coordinated archaeological and survey efforts.
06/19-10/19	Lead Cultural Resource Monitor <i>Cultural Resource Consultants, Anchorage, AK June 2019 – October 2019</i> Dr. Daley was responsible for monitoring unmarked burials in a remote Yupik Eskimo village.
02/15-11/19	Crew Chief / Co-Principal Investigator <i>ACS Archaeological Consulting Services, Guilford, CT February 2015 – November 2019</i> Before joining ELOS, Dr. Daley led historic, maritime/industrial, pre-contact, and underwater archaeological projects. He was responsible for dozens of Phase I, II, and III projects. Dr. Daley is an experienced diver and has undertaken many underwater and maritime projects.

Firm employed by ELOS Environmental, LLC			
Name	Cory Ricks	Years of relevant experience with this employer	6
Title	Senior Project Manager	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS, Biology, Southeastern Louisiana University, 2015	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		<p>Mr. Ricks serves as ELOS's wetland delineation specialist. Mr. Ricks has led wetland delineation efforts for multiple projects for local development, mitigation banks, and infrastructure developments. He has assisted with National Environmental Policy Act (NEPA) documentation, permitting, wetland delineations, GIS mapping, and cultural resources for a variety of projects.</p> <p>He currently manages a team of environmental scientists, field biologists, and data processors who all assist with a variety of environmental and debris monitoring projects.</p>	
2017-Ongoing	<p>Move Ascension <i>Ascension Parish, LA, Environmental Scientist, 2017 – Ongoing</i></p> <p>ELOS has been contracted to perform wetland delineations, cultural resource consultation, and permitting consultation for multiple roadway projects located in Ascension Parish. Mr. Ricks led a team of field members to perform the wetland delineations. Mr. Ricks also assisted ELOS's culture resource department with field investigations. Mr. Ricks has also assisted in permitting all roadway permits as part of the Move Ascension project. Client Reference: John Basilica, Vice President, HNTB Corporation, 10000 Perkins Rowe, Ste. 640, Baton Rouge, LA 70810, (225) 368-2881, jbasilica@hntb.com</p>		
2021- Ongoing	<p>Bogue Chitto Emergency Erosion Repairs <i>Washington Parish, LA, Environmental Scientist, 2017- Ongoing</i></p> <p>ELOS is contracted to prepare a report to support wetland delineation, submit a permit application, a Scenic Rivers Permit application, conduct a biological survey, and provide state lands coordination and compliance for the 4-acre site for the Bogue Chitto Emergency Erosion Repairs Project located in Washington Parish, LA. Mr. Ricks completed a wetland delineation report, supported fieldwork, and prepared the submittal of the permit application. Client Reference: Mr. David Dupree, P.E. Meyer Engineers, Ltd. 4937 Hurst Street Metairie, LA 70001</p>		
2022	<p>Hammond Airport <i>Tangipahoa Parish, LA, Environmental Scientist, 2022</i></p> <p>ELOS was contracted to submit a wetland delineation to USACE to determine the potential jurisdictional wetlands and other waters, perform a survey for Threatened and Endangered Species and coordinated with the State Historic Preservation Office (SHPO) to complete a cultural resource review. Mr. Ricks assisted in the permit compliance task by completing and submitting permit applications, GIS assistance for permit applications, and correspondence with all listed agencies. Client Reference: David L. Lobue, Hammond Northshore Regional Airport 600 Judge Leon Ford Drive Hammond, LA 70401 lobue_dl@hammond.org +1 (985) 277-5667</p>		
2020- 2021	<p>Louisiana Wildlife and Fisheries Foundation EBR Conservation Servitude <i>East Baton Rouge Parish, La, Environmental Scientist, 2020-2021</i></p> <p>ELOS was contracted to provide consultation for amending an existing Conservation Servitude and prepare a report to support a wetland delineation to obtain an official jurisdictional determination from USACE for a 200-acre tract of land. Mr. Ricks coordinated with</p>		

	USACE to discuss the level of effort and data required to complete a Conservation Servitude amendment. Client Reference: <i>Mr. Windy Gladney Louisiana Wildlife and Fisheries Foundation 7932 Summa Avenue, Suite B-1 Baton Rouge, LA 70809</i>
2019	<p>Copper Ridge Development <i>St. Tammany Parish , LA, Environmental Scientist, 2019</i></p> <p>Mr. Ricks served as the project manager and environmental scientist for this project. Mr. Ricks was responsible for coordinating with agencies and clients and leading wetland delineations and permit application efforts. Mr. Ricks obtained an exemption from DNR for the project. ELOS was contracted to submit a joint permit application to DNR and USACE for a proposed 24-lot residential development in Mandeville, Louisiana. Client Reference: Kenneth Bowers, Owner, Copper Ridge, LLC, P.O. Box 8965, Mandeville, LA 70470, (985) 778-2003, diaman504@gmail.com</p>
2018	<p>Red River Directional Boring Project <i>Bossier And Caddo Parishes , LA, Environmental Scientist, 2018</i></p> <p>ELOS worked with Uniti Fiber, Inc. to permit 2 separate locations to hydraulically directional drill under the Red River from Caddo Parish to Bossier Parish in order to install fiber optic cables. The permitting for both locations also required aerial crossings of the Red River Federal Levee. Mr. Ricks led ELOS to obtain permits from USACE, Bossier Levee District, and the Louisiana Department of Transportation and Development. Additionally, Mr. Ricks provided regulatory knowledge to the client to assist with the best course of action to place a fiber optic connection between Caddo and Bossier Parishes. Client Reference: <i>Brian Sharp, Outside Plant Manager Louisiana, Uniti Fiber, 110 Coleman Ave. Hammond, LA 70403, (985) 281-4900, Brian.Sharp@uniti.com</i></p>
2016-2020	<p>Louisiana Highway 3234 Extension Environmental Assessment <i>Tangipahoa Parish, LA, Environmental Scientist, 2017</i></p> <p>ELOS was contracted to provide environmental services for the LA-3234 Extension from LA-1065 to Hammond Airport. These services included preparing estimates of environmental mitigation costs where ELOS will estimate the cost of mitigation of any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. Mr. Ricks performed the wetland delineation for all three routes and provided a report of the findings. Mr. Ricks also assisted in GIS mapping of the Wetlands Findings Report, Phase 1 Environmental Assessment Survey, and the Biological Assessment Survey. Mr. Ricks also provided a report of the threatened and endangered species known in the project area. Mr. Ricks led efforts on providing stream and waterbody data for each report. Client Reference: <i>Bruce Richards, N-Y Associates, 2750 Lake Villa Drive, Metairie, LA 70002, (504) 885-0500, brichards@n-yassociates.com</i></p>

Firm employed by ELOS Environmental, LLC				
Name	Basile Dardar		Years of relevant experience with this employer	2
Title	Project Manager		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS, Biological Sciences, University of Louisiana Lafayette, 2014		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		<p>Mr. Dardar is an environmental scientist with a wide range of experience including: inspections, permitting, wetland delineations, environmental surveying, developing reports, research, sampling, testing, and coordinating with agencies and clients. Mr. Dardar provides environmental expertise, accurate reporting, and a high degree of professionalism to every project.</p> <p>Mr. Dardar is also a certified oyster biologist and a certified diver. Mr. Dardar also has Traffic Control Technician Certification for the state of Louisiana.</p>		
2021-Ongoing	<p>Tangi Off-System Bridge Prioritization <i>Tangipahoa Parish, LA, Environmental Scientist, Ongoing</i> ELOS was contracted to provide all professional environmental services, including Solicitation of Views (SOVs), Categorical Exclusion (CE) Documents, permit applications and drawings, wetland delineations, and reports. Mr. Dardar is the project manager and assists in conducting wetland delineations for this project.</p>			
2021- Ongoing	<p>LA-DOTD Rural Bridges Phase I and II <i>Various Parishes, LA, Environmental Scientist, Ongoing</i> ELOS was contracted to provide wetland applications and permitting assistance for the LA-DOTD Rural Bridges project. Mr. Dardar is the project manager and assists in conducting wetland delineations for this project.</p>			
2021-Ongoing	<p>Move Ascension <i>Ascension Parish, LA, Environmental Scientist, Ongoing</i> ELOS has been contracted to perform wetland delineations, cultural resource consultation, and permitting consultation for multiple roadway projects located in Ascension Parish. Mr. Dardar assists with delineations and permitting related to this project. Client Reference: John Basilica, Vice President, HNTB Corporation, 10000 Perkins Rowe, Ste. 640, Baton Rouge, LA 70810, (225) 368-2881, jbasilica@hntb.com</p>			
2018-2021	<p>T. Baker Smith <i>LA, Environmental Professional, 2018-2021</i> Mr. Dardar served as the team lead on wetland delineations and reports, conducted threatened and endangered species surveys and prepared reports, led vegetation surveys and prepared reports, directed oyster surveys including bottom-type assessments, dredge samples, and collection of dive samples, and wrote SWPPPs and inspect stormwater discharges at construction sites. He completed Phase I inspections and reports, surveyed and monitored threatened and endangered species, and conducted soil sampling and prepared reports. He also prepared documentation for permits dealing with LDEQ, LDWF, LDNR, USACE, etc. and coordinated and discussed projects with clients.</p>			

Firm employed by ELOS Environmental, LLC			
Name	Taston Brookshire	Years of relevant experience with this employer	3
Title	Project Manager	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS, Biological Science, Southeastern Louisiana University, 2015 MS, Biological Science, Southeastern Louisiana University, 2018	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Brookshire is an experienced GIS Manager and Environmental Scientist who serves as a project manager for various permitting and environmental review projects. Mr. Brookshire has obtained permits for a range of projects, working with both governments and private landowners.	
Ongoing	<p>Ascension Parish Tax Assessor GIS Services <i>Ascension Parish, LA, Ongoing</i></p> <p>ELOS is contracted to provide ongoing professional services to update the Ascension Parish Assessor's Office parcel database and maps. A total of 1,300 targeted parcels will be integrated into the Ascension Parish Assessor website's online maps. Mr. Brookshire leads the GIS team in creating a more accurate database of property values and land improvements, which will provide greater tax revenue for the parish. Client Reference: Ricky Compton, Ascension Parish Government, (225)450-1200</p>		
Ongoing	<p>City Of Kenner GIS Services <i>Jefferson Parish, LA, Ongoing</i></p> <p>ELOS is contracted by the City of Kenner to provide Geographic Information Systems Professional Consulting Services to update the existing GIS database and systems. Mr. Brookshire is a GIS Specialist for various task orders to support the City's GIS program. Client Reference: Adam Campo, Director, City of Kenner, (504) 296-7083</p>		
Ongoing	<p>East Feliciana Parish Waterway GIS Services <i>East Feliciana Parish, LA, Ongoing</i></p> <p>ELOS is contracted to provide ongoing professional engineering contract with Forte & Tablada, Inc. to obtain and process UAV footage to prepare a database to support the identification of woody debris, collect data and prepare a report to support a desktop wetland delineation and submit a permit application to USACE to authorize the proposed Waterway Drainage Improvement efforts for 6 different waterways (Comite River, Pretty Creek, Redwood Creek, Little Redwood Creek, Sandy Creek, and Mill Creek) in East Feliciana Parish, LA. Mr. Brookshire provides management over the project guiding ELOS team members to obtain UAV footage of the waterways. He manages and assists the GIS team with the UAV pilot to capture aerial imagery and to create an assessment database. He put together a team of ELOS employees to identify fallen debris and note the GPS location shown in captured videos. He also obtains information for ongoing permit applications for various waterway drainage improvements. Client Reference: Jody Moreau, Parish Manager East Feliciana Parish, 12064 Marston Street Clinton, LA 70722, (225-683-8577), parishmanager@efparish.org</p>		

Firm employed by La Terre Engineering, LLC				
Name	Seneca Toussant, PE		Years of relevant experience with this employer	3
Title	Civil Engineer		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		B.S., Biological Engineering, 1999, Louisiana State University		
Active registration number / state / expiration date		P.E. #36080/ Louisiana/ 09/30/2023		
Year registered	2010	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Seneca Toussant has over 20 years of civil engineering experience including program management, master planning, roadways, water and wastewater treatment, drainage and utilities, as well as traffic control and stakeholder coordination and outreach. Mr. Toussant has successfully completed construction management, contract administration, inspection, and documentation for projects with construction budgets as small as \$50K to larger and more complex improvements of up to \$20M.		
06/2020-12/2022	<p>MOVEBR Capacity Program Management <i>Baton Rouge, LA, 2020-2022</i></p> <p>Mr. Toussant serves as project manager for specialty contracts for the MoveBR Capacity program management team. He is responsible for the specialty contracts program for environmental services. His responsibilities include preparing project scopes, soliciting proposals, contract negotiations, submittal coordination and submittal reviews, including permit preparation assistance for USACE Section 10/404 & 408 permitting, Phase I and Phase II Environmental Site Assessments.</p>			
Ongoing	<p>Entergy Louisiana - Diamond D Industries <i>Calcasieu Parish, LA, Ongoing</i></p> <p>Mr. Toussant is project manager responsible for multiple projects for Diamond D Industries on behalf of Entergy Louisiana. Services include preparing Coastal Use Permits for the Louisiana Department of Natural Resources, USACE coordination, temporary traffic control plans and permits throughout the state of Louisiana to DOTD for road and lane closures and civil site design for laydown yards, driveway permitting to DOTD and multiple Parishes.</p>			
11/2022-05/2023	<p>Hall and Guth Borrow Pit <i>Lake Charles, LA, 2022-2023</i></p> <p>Mr. Toussant was project manager responsible for the preparation of permit figures and applications to Calcasieu Parish and LDEQ for 220 acre borrow pit located in Lake Charles Louisiana. Figures included permit figures to show wetlands to be avoided, and Stormwater Management plans and coordination with Wildlife and Fisheries to identify any endangered species that could be impacted</p>			
06/2022-12/2022	<p>Phase I Environmental Site Assessment – LSU Fire and Emergency Training Institute <i>Baton Rouge, LA, 2022</i></p> <p>Mr. Toussant was project manager for preparing a Phase I Environmental Site Assessment at the LSU Fire and Emergency Training Institute in conformance with ASTM Standard Practice E1527 – 13.</p>			
01/2022-10/2022	<p>Phase II Environmental Site Assessment – LSU Fire and Emergency Training Institute <i>Baton Rouge, LA, 2022</i></p> <p>Mr. Toussant was project manager for the Phase II Environmental Site Assessment at the LSU Fire and Emergency Training Institute required based on RECs discovered from La Terre’s Phase I ESA of the site.</p>			

11/17 – 06/20	<p>Greater Lafourche Port Commission, Integrated Feasibility Report and Environmental Impact Statement <i>Port Fourchon, LA, 2017-2020</i></p> <p>Mr. Toussant was the Engineering Lead, involved in Draft and Final Feasibility Report and Environmental Impact Statement (IFR-EIS) for improvements to the federal navigation project at Port Fourchon on behalf of GLPC. His responsibilities include developing the engineering appendix to address the engineering items that relate to the construction and maintenance of the tentatively selected plan (TSP).</p>
2016	<p>LA 3127 Extension Corridor Study <i>Ascension Parish, LA, 2016</i></p> <p>Mr. Toussant provided QA/QC for a feasibility study for the extension of LA 3127 from its current terminus at LA 70 in Ascension Parish to the intersection of LA 943 and US Hwy 1 including a proposed Bayou Lafourche bridge crossing at Hwy 1 and LA 308. The feasibility study included the development of concept alignments with the intent to provide access specifically to the Westbank Industrial Overlay District in Ascension Parish. Design criteria established for the project pertain to DOTD Roadway Design Standards and AASHTO Geometric Design of Highways and Streets.</p>
2014	<p>S.P. No. H.010572.1: Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44) in Ascension Parish for LADOTD, 2014 <i>Ascension Parish, LA</i></p> <p>Mr. Toussant provided QA/QC for the roadway and drainage design conceptual design.</p>
03/13 – 03/14	<p>S.P. No. H.010211.1: Stage 0 Feasibility Study and Environmental Inventory for I-110 NB Ramp at Capitol Access Rd <i>Baton Rouge, LA, 2013-2014</i></p> <p>Mr. Toussant provided QA/QC for the roadway and drainage design conceptual design.</p>
03/13 – 03/14	<p>S.P. No. H.010571.1: Stage 0 Feasibility Study and Environmental Inventory for LA 70 Bypass in Assumption Parish for LADOTD <i>Assumption Parish, LA, 2013-2014</i></p> <p>Mr. Toussant was responsible for completing construction cost estimates for over 85 Miles of Traffic Contingency Detour Routes including determining existing ROW and required ROW, taking inventory of as-built plans for the existing geometric section, and determining the required section based on the design criteria and roadway classification.</p>

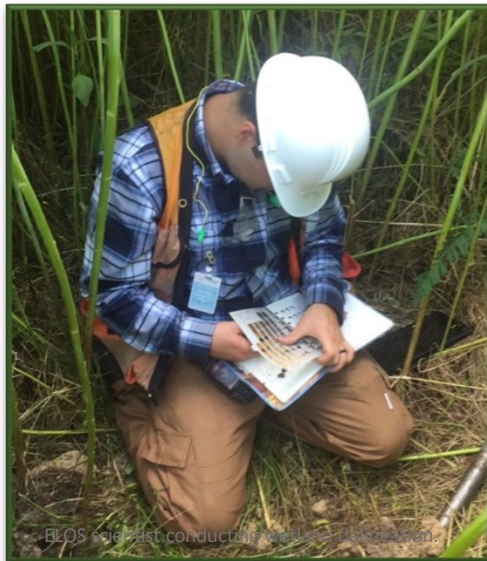
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17. Firm Experience:

Firm name	ELOS		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Louisiana Department of Transportation and Development (DOTD) Rural Bridges Project.		Firm responsibility (prime or sub?)	Prime
Project number	Contract No. 4400019337	Owner's name	DOTD	
Project location	Multiple Locations, LA		Owner's Project Manager	Multiple
Owner's address, phone, email	Burke-Kleinpeter, Inc, 4176 Canal Street, New Orleans, LA 70119, (504) 486-5901			
Services commenced by this firm (mm/yy)	11/2020	Total consultant contract cost (\$1,000's)	\$192	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$192	

Firm Members Involved: Lucas Watkins, Brian Fortson, Cory Ricks, Taston Brookshire, Basile Dardar

DOTD contracted ELOS for environmental services as part of the DOTD Rural Bridges Replacement Initiative. The project's purpose is to replace aging and degrading bridges in rural areas throughout Louisiana. ELOS is responsible for conducting Wetland Delineations for 16 bridges. ELOS is preparing and sending out a Solicitation of Views as part of the requirements of the National Environmental Policy Act (NEPA) of 1970 for federally funded projects. ELOS is also responsible for preparing and submitting permit application packets to the United States Army Corps of Engineers (USACE) and Louisiana Department of Natural Resources (DNR) for Section 10/404 authorization or Coastal Use Permits, where appropriate.



DOTD Rural Bridges Phase 1, H.013955

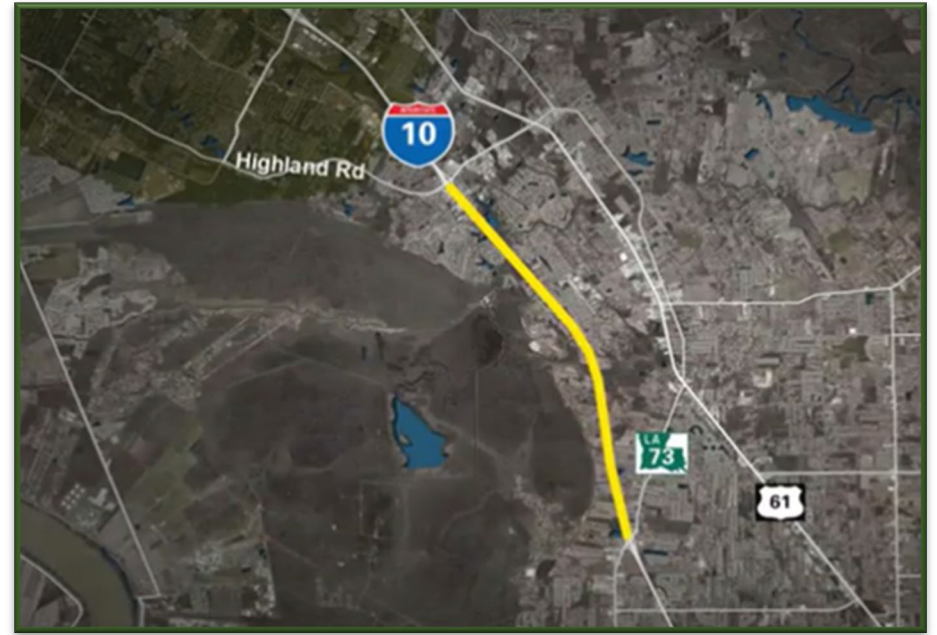
Firm name	ELOS		Past Performance Evaluation Discipline(s)*	Environmental
Project name	I-10 Highland LA 73 Design-Build		Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	Sigma Consulting Group, Inc.	
Project location	East Baton Rouge Parish, LA to Ascension Parish, LA	Owner's Project Manager	Robbie Lear	
Owner's address, phone, email	Sigma Consulting Group, Inc., 10305 Airline Hwy Baton Rouge, LA 70816, (225)298-0800, rlear@sigmacg.com			
Services commenced by this firm (mm/yy)	08/2017	Total consultant contract cost (\$1,000's)	\$34	
Services completed by this firm (mm/yy)	07/2018	Cost of consultant services provided by this firm (\$1,000's)	\$34	

Firm Members Involved: Lucas Watkins, Brian Fortson, Cory Ricks, Basile Dardar

ELOS was contracted to act as the environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville. The project included widening an approximately 6-mile stretch of I-10, a quarter mile west of the I-10 Highland Road interchange to east of the I-10/LA 73 interchanges, from two lanes in each direction to three. In addition to renewing Section 10/404 and Scenic Stream permits, ELOS was responsible for the preparation of stormwater management, pollution prevention, and impact mitigation planning for all features of the project, including staging, construction, and permanent areas.



Stormwater management services

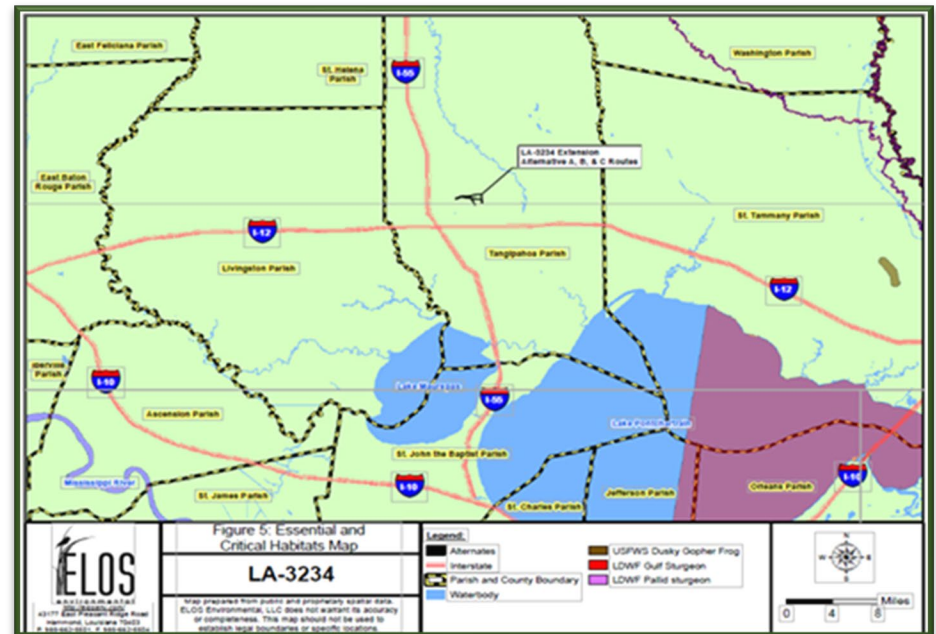


Total project area in which ELOS conducted services.

Firm name	ELOS		Past Performance Evaluation Discipline(s)*	Environmental
Project name	LA-3234 Extension		Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	N-Y Associates, Inc.	
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Bruce J. Richards
Owner's address, phone, email	N-Y Associates, Inc. 2750 Lake Villa Drive, Metairie, LA 70002, (504)885-0500 ext. 108, brichards@n-yassociates.com			
Services commenced by this firm (mm/yy)	01/2017	Total consultant contract cost (\$1,000's)	\$102	
Services completed by this firm (mm/yy)	08/2019	Cost of consultant services provided by this firm (\$1,000's)	\$34	

Firm Members Involved: Lucas Watkins, Brian Fortson, Cory Ricks, Basile Dardar

ELOS was contracted to provide environmental services for LA-3234 Extension from LA-1065 to the Hammond Airport. These services included preparing estimates of environmental mitigation costs, whereas ELOS estimated the cost of mitigating any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. A wetland delineation was performed to establish an opinion on the presence and potential extent of jurisdictional "wetlands" and/or "other waters of the U.S." in accordance with the requirements of the USACE. A Phase I Environmental Site Assessment was conducted based on the information contained in the feasibility study. The Phase I ESA has four components: Records Review, Site Reconnaissance, Interviews, and Reporting. During ELOS's field surveys, a Biological Survey was conducted for threatened and/or endangered species suspected to be in the project area. ELOS confirmed all federally and state-listed species within the project area prior field surveys via desktop investigation.



Firm name	ELOS	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Harrison Ave. Extension	Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	Regional Planning Commission
Project location	St. Tammany Parish, LA	Owner's Project Manager	Andre C. Monnot, PE
Owner's address, phone, email	1011 N. Causeway Boulevard, Suite 19 Mandeville, LA 70471, Phone (985) 624-5001, email: andre@pi-aec.com		
Services commenced by this firm (mm/yy)	08/2017	Total consultant contract cost (\$1,000's)	\$1,100
Services completed by this firm (mm/yy)	02/2019	Cost of consultant services provided by this firm (\$1,000's)	\$10

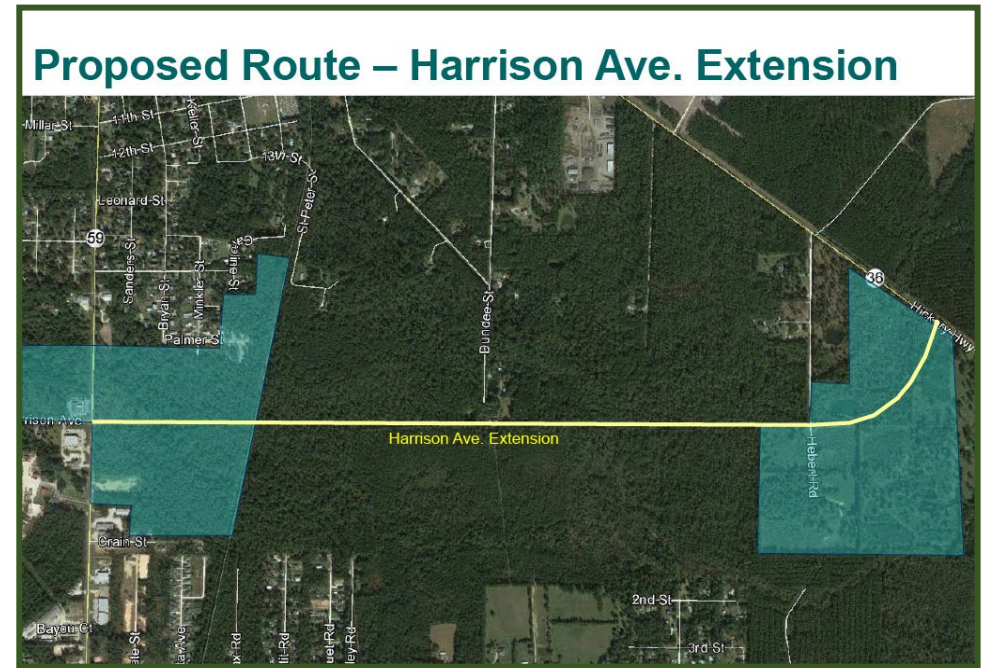
Firm Members Involved: Lucas Watkins, Brian Fortson, Cory Ricks, Basile Dardar

To assist with traffic flow in St. Tammany Parish, the Regional Planning Commission contracted Principal Engineering for a project involving the extension of Harrison Avenue in Abita Springs, Louisiana. The extension consisted of a 2-lane asphalt road that connected LA Highway 36 to LA Highway 59. The total length was 1.7 miles through a previously wooded area that included potentially impacted wetlands.

ELOS was contracted by Principal Engineering to perform a wetland delineation for the proposed extension of Harrison Avenue. ELOS was also tasked with providing GIS Services, an Environmental Site Assessment, and Cultural Resources services.

ELOS collected the information needed to establish approximately 13 acres of jurisdictional "wetlands" and/or "other waters of the United States" reviewed and confirmed by the Army Corps of Engineers. While providing Cultural Resources services, ELOS also discovered documentation regarding Native American presence and advised accordingly. ELOS provided a comprehensive Environmental Site Assessment that included a historical, cultural, and environmental analysis of the proposed extension.

The data and consulting provided by ELOS were invaluable during the early design phases to allow the design team and project stakeholders to design a project that meets the proposed goal while avoiding impacts to the maximum extent possible.



Total project area in which ELOS conducted services.

Firm name	ELOS	Past Performance Evaluation Discipline(s)*	Environmental
Project name	Highway 63 130-Acre Delineation		Firm responsibility (prime or sub?) Prime
Project number	Owner's name	Frogs Wholesale Fuel , LLC	
Project location	Livingston Parish, LA	Owner's Project Manager	Andrew Day
Owner's address, phone, email	142 Del Norte Ave., Denham Springs, LA 70726, phone: (225) 667-0303 email: andrewbday@frogsfuel.brcoxmail.com		
Services commenced by this firm (mm/yy)	01/2018	Total consultant contract cost (\$1,000's)	\$17
Services completed by this firm (mm/yy)	06/2019	Cost of consultant services provided by this firm (\$1,000's)	\$17

Firm Members Involved: Lucas Watkins, Brian Fortson, Cory Ricks, Basile Dardar

ELOS was contracted by Frogs Wholesale Fuel, LLC to conduct and submit a wetland delineation to the USACE to determine the potential jurisdictional wetlands and other waters of an approximately 130-acre site located along LA Highway 63 in Livingston Parish, Louisiana. Services were provided to collect the information needed to establish an opinion on the presence and potential extent of jurisdictional “wetlands” and/or “other waters of the United States” in accordance with the requirements of the USACE.



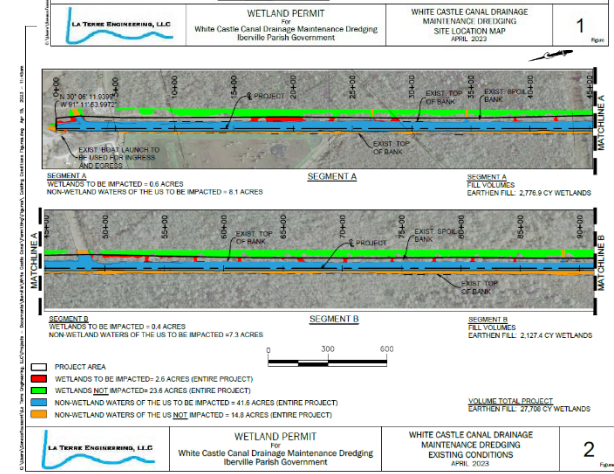
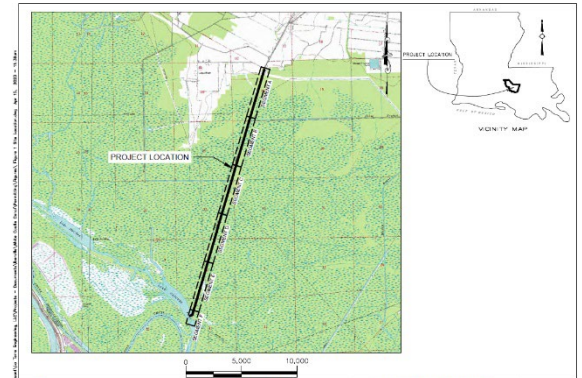
Area in which ELOS conducted wetland delineation.

Firm name	La Terre Engineering, LLC	Past Performance Evaluation Discipline(s)*	**Environmental
Project name	White Castle Canal Drainage Improvements	Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	Iberville Parish Government
Project location	White Castle, LA	Owner's Project Manager	J. Mitchell Ourso, Jr, Parish President
Owner's address, phone, email	PO Box 389, Plaquemine, LA 70765-0389, 225.687.5190, jburleigh@ibervilleparish.com		
Services commenced by this firm (mm/yy)	2022	Total consultant contract cost (\$1,000's)	2,400
Services completed by this firm (mm/yy)	03/25 (E)	Cost of consultant services provided by this firm (\$1,000's)	293

Firm Members Involved: Seneca Toussant, PE

The White Castle Canal Drainage Improvement project consists of the removal of accumulated sediment for approximately 4.5 miles of the White Castle Canal channel bottom and immediate adjoining side slope to match historical grade lines. The project will include the removal of siltation above historical channel bottom grade lines and settled eroded materials on the bottom of the channel and the disposal of all excavated soils.

LTE assisted Iberville Parish with preparing the required Section 10/404 & 408 permit and prepared permit figures, project descriptions, quantity, and impact calculations for the project.

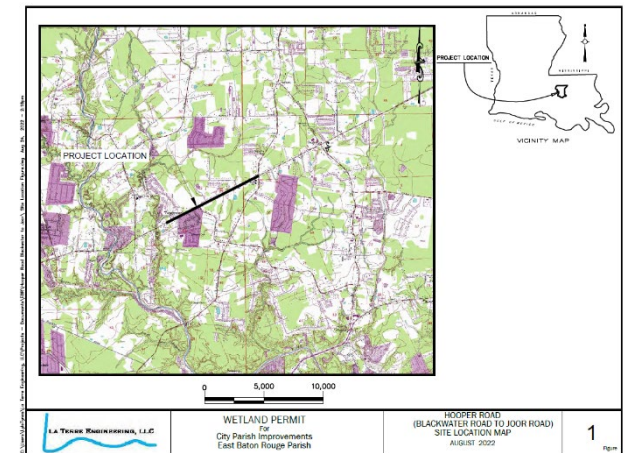
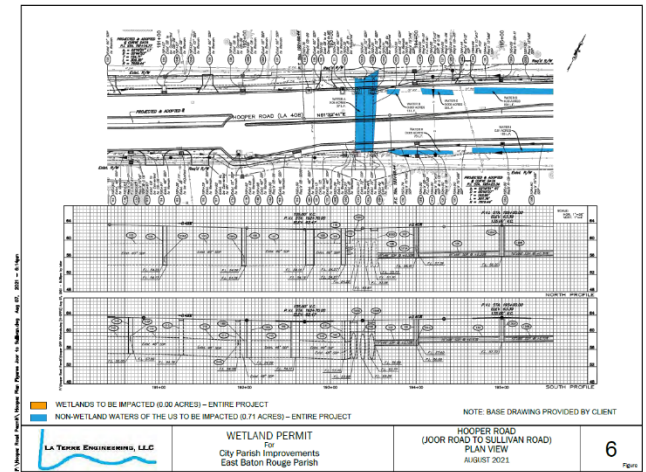


Firm name	La Terre Engineering, LLC (LTE)	Past Performance Evaluation Discipline(s)*	**Environmental
Project name	MoveBR Capacity Program Management	Firm responsibility (prime or sub?)	Sub
Project number	Various	Owner's name	East Baton Rouge Parish
Project location	Baton Rouge, LA	Owner's Project Manager	Prime: Travis Woodard, PE
Owner's address, phone, email	6767 Perkins Road, Suite 200, Baton Rouge, LA 70808, (225)769-0546, travis.woodard@csrsinc.com		
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost (\$1,000's)	\$500
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)	\$500

Firm Members Involved: Seneca Toussant, PE

LTE provided program management support to CSRS, Inc for the MoveBR program. LTE provided project management services for environmental services, and tasks included management and review of reports and deliverables, meeting coordination, project reporting, and technical reviews for quality assurance. LTE was also responsible preparation of permit figures and Section 10/404 & 408 permitting support, including providing project descriptions, quantity and impact calculations, and permit packet reviews for the following projects:

- Old Hammond Segment 2 (Millerville to O'Neal), City-Parish Project No. 06-CS-HC-0028
- S. Choctaw (Flannery to Central Thruway), City-Parish Project No. 19-CP-HC-0038
- Ben Hur Rd. Realignment, City-Parish Project No. 19-CP-HC-0037
- Nicholson Dr. Seg 1 (Brightside to Gourrier), City-Parish Project No. 08-CS-US-0035
- Midway (Picardy to Constantin Blvd), City-Parish Project No. 20-CP-HC-0008
- Hooper Road (Blackwater Road to Joor Road) City-Parish Project No. 12-CS-HC-0017
- Hooper Road (Joor Road to Sullivan Road) City-Parish Project No. 12-CS-HC-0017



Firm name	La Terre Engineering, LLC	Past Performance Evaluation Discipline(s)*	**Environmental
Project name	LA 22 Gapping Project	Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	Pontchartrain Levee District
Project location	Ascension Parish, LA	Owner's Project Manager	Monica Salins Gorman
Owner's address, phone, email	2069 Railroad Avenue, Lutcher, LA 70071, (225)869-9721, mgorman@leveedistrict.org		
Services commenced by this firm (mm/yy)	2/22	Total consultant contract cost (\$1,000's)	\$150
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$150

Firm Members Involved: Seneca Toussant

LTE (Prime) provides grant management services to the Pontchartrain Levee District (PLD) for the Louisiana Watershed Initiative LA 22 Gapping project in Ascension Parish. LA Hwy 22 is a barrier impeding natural hydrology in the Amite River floodplain. The LA Hwy 22 Bridge Construction and Drainage Improvements project includes the construction of two bridge structures and the excavation of two drainage basins for the purpose of improving local hydrology, reducing area flood risk, and restoring the McElroy Swamp.

LTE's scope of work includes the following:

The LTE Team is responsible for preparing environmental review records (ERRs) that adhere to the environmental review procedures established by 24 CFR Part 58, including requirements set by the National Environmental Policy Act (NEPA) and related Federal Laws and Authorities. The LTE Team will ensure compliance with federal guidelines and perform the following environmental services if requested.

- Conduct the Appropriate Level of Environmental Review for Each Activity
- Development of Project Scope of Work with Site Maps and Images
- Consultation with Local, State, and Federal Agencies
- Conduct Additional Studies as Needed
- Assist in Obtaining Additional Permits as Needed
- Preparation of All Environmental Checklists
- Publication of All Required Notices



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 a 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 the information, it believes is proprietary, label it accordingly.

Overview

With extensive knowledge and understanding of the scope of work, the ELOS team assembled for this proposal is prepared to meet any and all needs required. Our team of advanced professionals has provided environmental services across the Gulf South for over 50 years, combined. ELOS will serve as the Prime Consultant and offers a comprehensive menu of services that can go beyond the environmental needs requested in the scope of services, meeting any additional unforeseen challenges by drawing upon our years of experience handling regional environmental services. La Terre Engineering, LLC, which has provided invaluable services to ELOS in the past, will provide additional civil engineering services on an as-needed basis. By providing a vast wealth of knowledge and utilizing an advanced pool of resources, our qualified team of environmental professionals is well-positioned to implement our comprehensive understanding of environmental services to provide turnkey solutions for the DOTD.

Permitting:

ELOS has a wealth of experience in assisting clients with regulatory compliance and helping them manage the permitting landscape. We understand the underlying statutory and scientific bases of the permitting process. We effectively manage the interaction among regulatory agencies and help clients understand the complexities of multi-level and multi-agency authorizations.

We have established long-standing relationships with regulatory agencies and developed trust, enabling us to communicate effectively on our client's behalf. We have a proven track record of delivering exceptional results for our clients, consistently securing the necessary permits and authorizations to move their projects and interests forward.

If faced with the possible repercussions from potential impacts on environmental resources, our knowledge across various commercial, residential, and industrial disciplines and in both the private and public sectors positions us as a valuable asset. Some of the more prominent State and Federal statutes and project types that form the base of our permitting activity include:

- Section 404/10 Clean Water Act, Rivers and Harbors Act (USACE)
- Coastal Use under Coastal Zone Management Act (LDNR)
- Section 14 Rivers and Harbors Act (408 Permits) (USACE) Permissions & Levee Safety Permits
- Threatened and Endangered Species Act (USFWS/NMFS)
- NPDES/LPDES (LDEQ), including Storm Water Pollution Prevention Plans
- Scenic Stream Consultation & Permitting
- Geotechnical Investigation Permitting

- Burn Variances
- Special Use Permits
- State Lands / Water-bottoms Permits
- Coast Guard Permits
- Resilience Carbon Injection Wells

Wetland Delineations/Jurisdictional Determinations:

Wetland Delineations and Jurisdictional Determinations are a primary focus of the State and Federal regulatory agencies. Knowing what areas are wetlands and, therefore, subject to regulation is often the first step in project planning and regulatory processes. In many cases, the existence of wetlands and regulated waters may require federal permitting due to agencies having jurisdiction over the proposed area.

We specialize in conducting wetland delineations and jurisdictional determinations (JD) to help our clients understand the extent to which the regulatory framework will impact their projects. Understanding the extent and jurisdictional status of wetlands is essential for compliance with environmental regulations. ELOS has developed customized wetlands findings reports that provide information necessary to assist agencies in the project decision-making process.

Our team has decades of combined experience in wetland field data collection and delineation and specializes in accurately identifying and mapping wetlands in typical and difficult terrain. With a comprehensive wetland assessment, we can advise clients in advance of design how to best avoid or minimize regulatory involvement once the jurisdictional footprint of a project has been identified.

Biological Assessments and Monitoring:

A large part of ELOS' practice focuses on providing comprehensive solutions for assessing and monitoring biological resources. Biological assessments and monitoring play a vital role in understanding the condition and trends of ecosystems, species populations, and the environment's overall health. These assessments provide valuable information for conservation efforts, land management, and regulatory compliance. In permitting, assessments of endangered species are often mandatory. In compensatory mitigation banking, biological performance defines the success of the bank in both a financial and biological sense. For habitat restoration projects, success will depend on the field assessment of the biological improvements and the degree to which they are achieved.

We understand the principles that guide the evaluations of habitat quality, biological performance, species of concern, critical habitat, and mitigation bank performance and work well with the agencies that review those assessments. Our team of field biologists specializes in ground-level data collection in difficult environments and reasonable interpretation of that data in well-formulated reports. By employing both accepted techniques and advanced methodologies, we deliver accurate data and actionable insights to support informed decision-making. For habitat restoration projects, success will depend on the field assessment of the biological improvements and the degree to which they are achieved. Typical ELOS assessments include:

1. **Endangered Species Assessments:** Projects can impact areas that support endangered species. When this is the case, agencies will need information about the species and habitat on the project site to determine how likely harmful impacts are. ELOS' field team is experienced in identifying suitable habitats and evidence of endangered species in the Southeastern US region. We can make thorough assessments, predict impact likelihood, and coordinate with agencies through final clearance. This knowledge is also essential for designing conservation plans, establishing protected areas, and ensuring compliance with regulatory requirements.

2. **Wetland Restoration and Compensatory Mitigation:** ELOS routinely conducts biological performance monitoring on commercial mitigation projects and wetland restoration projects in various wetland habitats. Extensive vegetative, soil, hydrology, and wildlife data collection and interpretation are required to document ecological success in wetland mitigation and restoration activities. ELOS has many years of experience assisting clients with maintaining ecological balance and supporting biodiversity as part of a structured restoration or mitigation plan.
3. **Bird Nesting Assessments/Abatement:** In some projects, agencies will require an assessment of the potential impact on colonial nesting birds, migratory birds, or other birds protected by statute or treaty. Bald eagles and ospreys, shore birds (several of which are threatened or endangered), wading birds, and migratory songbirds are present in many project areas and protected to varying degrees. ELOS field biologists are experienced in identifying protected birds, planning for nest avoidance, and working with construction managers and wildlife agencies to discourage bird use in active construction areas.
4. **Construction Compliance Monitoring:** ELOS' experience in environmental regulatory permits allows us to assist clients during the post-permitting project implementation phase by synthesizing the many permits authorizing the work and advising the client through construction to ensure that the work remains compliant with the regulatory provisions contained in the authorizations. Large construction or infrastructure projects can benefit tremendously from the reduced risk of enforcement action or regulatory work stoppage.

By partnering with us, we expect our clients to benefit from our expertise in planning and conducting biological assessments and project monitoring capabilities. We can improve project planning by assessing potential impacts, ensuring compliance with regulatory agencies and organizations, and implementing effective monitoring programs for continual support and informing decision-making processes. Our goal is to achieve the client's project objectives while minimizing ecological risks and ensuring regulatory compliance.

Environmental Quality Assessments

We are dedicated to providing tailored solutions and exceptional service in environmental quality assessments. Whether you are a business, government agency, or organization, we are here to assist you in gathering the necessary data, analyzing it comprehensively, and delivering meaningful results that support your goals and objectives.

- Phase I Environmental Site Assessments
- Feasibility Assessments
- Stormwater Pollution Plans (SWPP)
- Waste Characterization and Management
- Industrial Hygiene and Environmental Quality Monitoring
- Mold, Lead, and Asbestos Testing
- Air Water, & Soil Quality Testing

Regulatory Compliance and Agency Coordination

Obtaining the necessary permits is essential for projects that involve activities impacting the environment, natural resources, or public lands. Our team of professionals specializes in guiding clients through the permitting processes, ensuring compliance with applicable laws and regulations while streamlining the application process.

Our permitting services assist clients in navigating the complex landscape of permit applications. From addressing concerns about threatened and endangered species to securing special use permits and accessing state lands, we understand the challenges of obtaining permits. With our expertise in the permitting process, we aim to simplify the application process and minimize delays while ensuring complete and total compliance with all relevant regulations and requirements.

Cultural Resources

"Cultural resources" signifies the material traces of past human activities. These include historic districts and structures, archaeological sites, cemeteries, shipwrecks, and artifact scatters. Historic properties are cultural resources that are at least 50 years of age and may potentially be eligible for listing on the National Register of Historic Places (NRHP). If a proposed undertaking requires federal permitting, it will be required to account for any potentially adverse effects on historic properties under Section 106 of the Historic Preservation Act. Undertakings may also be subject to state, tribal, and local regulations.

At ELOS, we help guide clients through the sometimes-complex rules and regulations surrounding cultural resources so they may fulfill their legal obligations and proceed with their undertakings. This includes consulting with State Historic Preservation Officers (SHPO) and relevant stakeholder groups and performing any necessary cultural resource investigations.

Our dedicated team of Registered Professional Archaeologists and Architectural Historians have deep and broad expertise in both terrestrial and maritime archaeology, including desktop reviews, Phase I surveys, Phase II evaluations, and Phase III data recoveries, as well as historic structure evaluation, historic preservation and curation, and drafting and negotiating Memorandums of Agreement.

These services aim to ensure our clients comply with all legal requirements so their projects may proceed as planned with minimal disruption. Our consultants help our clients make informed decisions regarding project design and implementation to avoid costly impacts or delays, evaluate the potential requirements of a project, and mitigate adverse effects on any historic properties.

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
ELOS Environmental, LLC	Environmental	Contract No. 4400025041 H.015429	DOTD IJA Off-System Bridges District 62	\$205.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019314 H.014267	DOTD Savanne Road Bridge	\$290.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014243	LA-472 Indian and Big Bear Creek	\$832.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014245	LA-119 Creeks & Bayou Pierre	\$4,989.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014246	LA-1199 Creeks & Spring Creek	\$1,583.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014247	LA-399 Creeks, Little 6 Mile Creek, Little 6 Mile Cr. Relf. & Flat Branch	\$957.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014248	LA-124 Creeks, Broke Leg Bayou, Boggy Bayou	\$5,179.00
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014268	LA-4 Creeks, Bear, Squirrel, Sugar, Bill's, and Lost Creek Relief	\$21,159.87
ELOS Environmental, LLC	Environmental	Contract No. 4400019337 H.014242	LA-124 Big Branch, Sandy, Godfrey, Beech Creeks	\$26,076.83
La Terre Engineering, LLC	Planning	Contract No. 4400025921	IDIQ Contract for Transportation Systems Management and Operations (TSMO) Program, Statewide	\$0.00
La Terre Engineering, LLC	Data Collection	Contract No. 4400025921	IDIQ Contract for Transportation Systems Management and Operations (TSMO) Program, Statewide	\$0.00

20. Certifications/Licenses:

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

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank.**

22. Sub-consultant information:

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

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
La Terre Engineering LLC	343 Third Street, Suite 511B Baton Rouge, LA	Seneca Toussant stoussant@laterre-eng.com	(225)960-1160

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.**