

**PUBLIC NOTICE**  
**SOQ #24-020**  
**Coastal Engineering Consulting as needed Parish Wide**

The Parish of Jefferson is hereby soliciting the submittal of a Statement of Qualifications (Technical Evaluation Committee (TEC) Questionnaire) from persons or firms interested and qualified to provide coastal engineering consulting services on an as-needed basis for miscellaneous projects located throughout Jefferson Parish for the Department of Ecosystem and Coastal Management. (Parishwide)

(Resolution No. 144205)

(DEADLINE: July 16, 2024 at 3:30 PM)

**General**

Specific scope of coastal engineering consulting services may include civil, hydraulic, hydrologic, environmental, mapping and CAD support. Work may include planning, permitting, design, bidding and construction administration and related supplemental services on an as-needed basis for projects located throughout the Parish as selected by the Parish Council.

This scope for coastal restoration and protection services includes but is not limited to marsh and ridge restoration, shoreline stabilization and protection, beneficial use of dredge material, living shoreline design, hydrologic and hydraulic modeling, design analysis and reports, biological and environmental assessments of wetlands, technical evaluations, cost estimates, opinions of probable construction cost and field investigations. In addition to technical services, the scope includes coastal grant writing, outreach and educational support and development of associated marketing materials.

Projects may include the following supplemental services: surveying (including bathymetric) and onshore and nearshore geotechnical services.

The Council, at its discretion, may choose one or more qualified firms to provide the services.

**Compensation**

Compensation for the required design services will be made on an hourly rate basis or a fixed fee basis, or a combination of both, depending on scope and complexity of the work. The Parish reserves the right to determine the method of payment (hourly or fixed) for each individual assignment.

For hourly rate work, the firm shall be compensated on the basis of their certified and itemized salary costs plus a fee to cover overhead costs and profit in accordance with guidelines established in Attachment "A" to the Standard Professional Services Agreement for Jefferson Parish. A copy of Attachment "A" may be obtained by calling the Jefferson Parish Department of Capital Projects at (504) 736-6779.

For fixed fee work, the fee shall be negotiated with the firm by the Jefferson Parish Department of Ecosystem and Coastal Management and shall be mutually agreeable to both parties.

Compensation for supplemental services, if required, shall be in the form of a "lump sum" for each supplemental service, which shall be mutually agreeable to the Parish and the Consultant.

All costs associated with this project shall be subject to Jefferson Parish review and approval.

A maximum yearly cap established by Jefferson Parish based on anticipated needs for these services shall be \$500,000 per engineering contract, and the established cap shall not be increased without Council approval.

#### Minimum Requirements for Selection

1. The persons or firms under consideration shall have at least one (1) principal who is a licensed, a professional engineer in the State of Louisiana (Section C. of TEC Professional Services Questionnaire);
2. The persons or firms under consideration shall have a professional in charge of the Project who is a licensed, registered engineer in the State of Louisiana with a minimum of five (5) years' experience (Section K. "**PROFESSIONAL IN CHARGE OF PROJECT:**" of TEC Professional Services Questionnaire);
3. The persons or firms under consideration shall have one (1) employee who is a licensed professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline (Section D. of TEC Professional Services Questionnaire).

Principal is defined as the sole proprietor of the firm, or one who shares an ownership interest with other persons in the firm, including but not limited to, a partner in a partnership, a shareholder in a corporation, or a member of a limited liability corporation.

#### Evaluation Criteria

The following criteria shall be used to evaluate each firm submitting a Statement of Qualifications:

- (1) Professional training and experience in relation to coastal engineering including, but not limited to, coastal planning, permitting, design, marsh and ridge restoration, shoreline stabilization and protection, beneficial use of dredge material, living shoreline design, hydrologic and hydraulic modeling, biological and environmental assessments of wetlands, design analysis and reports, technical evaluations, cost estimates, field investigations, coastal grant writing, outreach and educational support (Maximum points awarded shall be 35).
- (2) Size of firm considering the number of professional and support personnel required to perform the type of engineering tasks, including project evaluation, project design, drafting of technical plans, development of technical specifications and construction administration (Maximum points shall be 20).
- (3) Capacity for timely completion of newly assigned work, considering the factors of type of engineering task, current unfinished workload, and person or firm's available professional and support personnel – (Maximum points shall be 20).
- (4) Past Performance by person or firm on projects of or similar comparable size, scope, and scale. Assertions of fault by a person or firm, which shall include time delays, cost over-runs, and or design inadequacies in prior work completed for the Parish shall be evidenced by substantiating documentation provided by the Director of Public Works for the requesting department or the Director of Engineering and received by the Chairman of the Evaluation Committee a minimum of two (2) weeks prior to the scheduled date of the Technical Evaluation Committee meeting (Maximum points awarded shall be 10).
- (5) Location of the principal office. Preference shall be given to persons or firms with a principal business office as follows: (1) Jefferson Parish, including municipalities located within Jefferson Parish (15 points); (2) Neighboring Parishes of the Greater New Orleans Metropolitan Region,

- which includes Orleans, Plaquemines, St. Bernard, St. Charles, St. Tammany (12 Points); (3) Parishes other than the foregoing (10 Points); (4) Outside the State of Louisiana (6 Points) (Maximum points awarded shall be 15).
- (6) Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal proceedings between the Parish and the person or firm performing professional services, excluding those instances or cases where the person or firm was added as an indispensable party, or where the person or firm participated in or assisted the public entity in prosecution of its claim. In the event that the person or firm fails to provide accurate and detailed information regarding legal proceedings with the Parish, including the absence of legal proceedings, the person or firm shall be deemed unresponsive with regard to this category, and zero (0) points shall be awarded (Maximum points awarded shall be 15 for the lack of any such adversarial proceedings as defined).
  - (7) Prior successful completion of projects of the type and nature of the engineering services, as defined, for which firm has provided verifiable references (Maximum points awarded shall be 15).

Each firm's lowest and highest score shall be dropped and not count towards the firm's score. Only those persons or firms receiving an overall cumulative score of at least seventy percent (70%) or greater, of the total possible points for all categories to be assigned by the participating Technical Evaluation Committee members shall be deemed qualified to perform engineering consulting tasks.

All firms must submit a Statement of Qualifications (TEC Questionnaire) and must identify all sub-consultant firms which they expect to use to provide professional services, and submit a Statement of Qualifications (TEC Questionnaire) for each sub-consultant firm. (Refer to Jefferson Parish Code Ordinance, Section 2-928). Additionally notarized affidavits must be included from the prime and any of their subs listed in the proposal.

Submissions are to be submitted on the eProcurement site at [www.jeffparishbids.net](http://www.jeffparishbids.net).

These submissions will only be accepted electronically via the Parish's e-Procurement system, Central Bidding. Central Bidding can be accessed by visiting either [www.centralauctionhouse.com](http://www.centralauctionhouse.com) or [www.jeffparishbids.net](http://www.jeffparishbids.net). All vendors will be required to register with Central Bidding. Jefferson Parish vendors are able to register for free by accessing the following link: [www.centralauction.house.com/registration](http://www.centralauction.house.com/registration).

No SOQ submittals will be accepted after the deadline.

Affidavits are not required to be submitted with the Statement of Qualifications, but shall be submitted prior to contract approval, including any subs.

Insurances are not required to be submitted with the Statement of Qualifications, but shall be submitted prior to contract approval, including any subs.

Disputes/protests relating to the decisions by the evaluation committee or by the Jefferson Parish Council shall be brought before the 24<sup>th</sup> Judicial Court.

Advertise: The New Orleans Advocate: June 12 and 19, 2024

## **Technical Evaluation Committee (TEC) Questionnaire**

### **Instructions**

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

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 24-020 to Provide Coastal Engineering Consulting Service - Resolution #144205

**B. Firm Name & Address:**

Coastal Engineering Consultants, Inc.  
1211 North Range Ave, Suite E  
Denham Springs, Louisiana 70726

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Michael T. Poff, PE (Louisiana Professional Engineer, LAPELS License No. PE.0030048)  
Principal and President  
Coastal Engineering Consultants Inc. (LAPELS License No. EF.002849)  
Telephone: (225) 523-7403  
Email: mpoff@cecifl.com

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

Michael T. Poff, PE (Louisiana Professional Engineer, LAPELS License No. PE.0030048)  
Principal and President  
Coastal Engineering Consultants Inc. (LAPELS License No. EF.002849)  
Telephone: (225) 523-7403  
Email: mpoff@cecifl.com

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

2 <u>  </u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	1 <u>  </u> Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	1 <u>  </u> Graduate Engineers
6 <u>  </u> Civil Engineers	___ Interior Designers	1 <u>  </u> Project Managers
1 <u>  </u> Construction Inspectors	___ Landscape Architects	2 <u>  </u> Clerical
1 <u>  </u> Ecologists	5 <u>  </u> Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
2 <u>  </u> Engineer Intern	___ Environmental Engineers	
1 <u>  </u> Professional Land Surveyors		23 <u>  </u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.  
N/A

2.  
N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
 YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. EMC, Inc. 2472 Sunset Drive Grenada, MS 38901	Bathymetric and Topographic Surveying. (LAPELS License No. VF.0000630)	Yes. CEC and EMC have worked on numerous projects since 2007. Our most recent teaming effort is on the Chandeleur Island Restoration Project.
2. GeoEngineers, Inc. 11923 Sun Belt Ct. Baton Rouge, LA 70809	Geotechnical Engineering (LAPELS License No. EF.0003700)	Yes. CEC and GeoEngineers have worked on numerous projects since 2009. We are currently teaming on the Chandeleur Island Restoration Project.
3. Ocean Surveys, Inc. 2720 Metairie Lawn Drive, Suite 200 Metairie, LA 70002	Geophysical and Geotechnical Investigations	Yes. CEC and GeoEngineers have worked on numerous projects since 2009. We are currently teaming on the Chandeleur Island Restoration Project.

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

\_\_\_\_\_

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
 YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. SWCA Environmental Consultants 1651 Lobdell Ave, Building A Baton Rouge, LA 70806	Biological and Environmental Assessment of Wetlands, Mapping, and Resident Project Representative Services.	Yes. CEC and SWCA have worked on several projects since 2012. We are currently teaming on the Chandeleur Island Restoration Project.
2.		
3.		

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

\_\_\_\_\_

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Michael T. Poff, PE  
Principal and President  
Coastal Engineer

**Project Assignment:**

Mr. Poff is a coastal engineer and will be the Professional in Charge of the Project. He has experience as the Professional In Charge of multiple Restoration Projects in Louisiana including the Caminada Headlands Restoration Project - Increments 1 and 2 in Jefferson Parish (completed in 2016); the Terrebonne Basin Barrier Island and Beach Nourishment and the West Grand Terre Island Restoration Project (completed in 2022); and the Chandeleur Island Restoration Project currently in design.

**Name of Firm with which associated:**

Coastal Engineering Consultants, Inc.

**Years' experience with this Firm:**

Michael Poff has 31 years of experience working with CEC.

**Education: Degree(s)/Year/Specialization:**

Master's Degree in Coastal Engineering / 1993 / University of Delaware  
Bachelor's Degree in Civil Engineering and Environmental Law / 1988 / University of Delaware

**Active registration: Year first registered/discipline:**

Year first registered: 2002  
Discipline: Professional Engineer  
Louisiana License No: PE20048

**Other experience and qualifications relevant to the proposed Project:**

Mr. Poff has over 35 years of professional experience providing coastal engineering and design, civil design, hydrodynamic modeling, environmental permitting, construction administration, and marine survey services throughout the Gulf of Mexico region. On behalf of his clients, Mr. Poff strives to provide first class customer service in support of their coastal zone management programs. Mr. Poff is well-versed in State and Federal regulations governing plan formulation, feasibility study, and pre-construction engineering and design phases. Further, he has overseen the construction management of multiple major coastal restoration projects requiring dredging in Louisiana. Mr. Poff served as the Team Leader for the CPRA Barrier Island Model Development Team for the 2017 Coastal Master Plan.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Steve Dartez Managing Engineer
<b>Project Assignment:</b>
Mr. Dartez would be assigned as a Project Manager. His duties would include Project Management, development of borrow area delineation, dredge and fill quantities calculations, the opinions of probable construction costs, development of bid documents (plans and specifications), development of permit drawings and calculations, construction administration, and QA/QC of surveying and field work.
<b>Name of Firm with which associated:</b>
Coastal Engineering Consultants, Inc.
<b>Years' experience with this Firm:</b>
Mr. Dartez has worked with CEC for 17 years.
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor's Degree in Electrical Engineering / 1991 / Louisiana State University Coastal Engineering and Nature-Based Solutions Short Course, Texas A&M University. 2023 Dredging Engineering Short Course / 2009 / Texas A&M University Shoreline Protection Design and Practice Course / 2009 / University of Wisconsin
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Dartez has served as Project Manager and Construction Administrator for 7 major Louisiana barrier island restoration projects with combined construction cost values over \$750M. He has been part of the design teams that have developed designs for the restoration of over 3,600 acres of beach and dune habitat and over 1,600 acres of marsh habitat. Mr. Dartez has designed borrow areas for the efficient and effective dredging of over 99 million cubic yards for habitat restoration.  Prior to joining CEC, Mr. Dartez was employed for over 15 years with LSU's Coastal Studies Institute, Field Support Group designing, constructing, deploying, and retrieving instrumentation to monitor the environment throughout coastal Louisiana and around the world.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Brett Borne, PE Project Engineer
<b>Project Assignment:</b>
Mr. Borne would assume the role of Project Engineer. His duties would include civil and environmental engineering tasks such as planning, designing, and providing support, creating bid documents for marsh and ridge restoration, shoreline stabilization and protection, beneficial use of dredge material, living shoreline design, design analysis and reports and oversight of field data collection tasks.
<b>Name of Firm with which associated:</b>
Coastal Engineering Consultants, Inc.
<b>Years' experience with this Firm:</b>
Mr. Borne has worked with CEC for 10 years.
<b>Education: Degree(s)/Year/Specialization:</b>
Master's Degree in Civil Engineering / 2013 / Louisiana State University Bachelor's Degree in Natural Resource Ecology and Management / 2011 / Louisiana State University Dredging Engineering Short Course, Texas A&M University, 2016
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 2017 Discipline: Professional Engineer Louisiana Licence No: PE42158
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Borne currently holds the position of Project Engineer in Denham Springs, Louisiana. Mr. Borne has over 11 years of experience in the development, design, and construction oversight of coastal engineering projects with an emphasis on barrier island restoration and marsh creation. His engineering duties include dredge and fill calculations, project survey layout, beach and dune fill design, marsh platform design, borrow area design, conveyance corridor design, and development of opinions of probable construction costs. His other tasks include review of geotechnical testing and analyses to derive design criteria for containment dikes, borrow channels and slope stability, and development of as-built drawings and project completion reports.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Ken Gaines Environmental/Ecological Scientist / GIS Specialist
<b>Project Assignment:</b>
Mr. Gaines's responsibilities will include environmental and permitting services including the preparation and review of environmental and biological assessments, on-site environmental monitoring of projects, on-site environmental assessments, and preparation of environmental reports. Mr. Gaines will also provide environmental and geospatial tasks including beach, dune, and marsh habitat evaluations; habitat delineation using imagery analysis.
<b>Name of Firm with which associated:</b>
Coastal Engineering Consultants, Inc.
<b>Years' experience with this Firm:</b>
Mr. Gaines has worked with CEC for 5 years.
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor's Degree in Marine Science and Field Biology / 2003 / Texas A&M University U.S. Army Corps of Engineers Certified Wetlands Delineator FAA Part 107 Licensed Unmanned Aerial Vehicle Pilot
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Gaines is an Environmental Specialist with over 20 years of professional experience. Mr. Gaines provides professional environmental services including site visits, habitat and wetland delineations, and report writing. Mr. Gaines also provides Geographic Information Systems (GIS) services including mapping, geospatial data analysis and conversion, and remote sensing analyses including vegetation and habitat analysis. As an Unmanned Aerial Vehicle Pilot (drone pilot), Mr. Gaines can acquire up-to-date aerial imagery in near real-time, providing aerial views of existing conditions and project construction progress.  In his most recent capacity, he has served as a Senior Project Inspector for both the Terrebonne Basin Barrier Island and Beach Nourishment Project (TE-0143) and the West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) where his duties included construction oversight and environmental/permit compliance.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Vadim Alymov, Ph.D. Coastal Modeler
<b>Project Assignment:</b>
Dr. Alymov will lead hydrologic and hydraulic modeling and definition of coastal processes for all projects assigned to the CEC Team. In addition, Dr. Alymov will lead the QA/QC of all CEC project reports.
<b>Name of Firm with which associated:</b>
Coastal Engineering Consultants, Inc.
<b>Years' experience with this Firm:</b>
Dr. Alymov has been the lead Coastal Modeler with CEC for 18 years.
<b>Education: Degree(s)/Year/Specialization:</b>
Ph.D. in Coastal Engineering / 2005 / University of Florida Master's Degree in Coastal Engineering / 1999 / University of Florida Bachelor's Degree and Master's Degree in Applied Mathematics / 1996 / Altai State University, Russia
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
Dr. Alymov has over 23 years of coastal modeling experience. His expertise includes numerical modeling of wave refraction, wave dynamics, circulation, hurricane-induced storm surge and inundation, flushing, tidal and channel hydraulics, coastal sediment transport, shoreline change and beach erosion, prediction of performance of beach restoration and borrow area projects, development of sediment budgets, as well as compilation and analysis of wave, wind, tide, and survey data. Dr. Alymov led the modeling efforts for the East Timbalier Island Restoration Project in Lafourche Parish, Riverine Mining / Scofield Island Restoration Project in Plaquemines Parish, Louisiana; Caminada Headland Beach and Dune Restoration Projects in Jefferson & Lafourche Parishes, Louisiana; South Grand Chenier Hydrologic Restoration Project in Cameron Parish, Louisiana; and Terrebonne Basin Barrier Shoreline Restoration Feasibility Study in Terrebonne and Lafourche Parishes, Louisiana.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Chandeleur Island Restoration Project (PO-0199), St. Bernard Parish, Louisiana.</p> <p>CPRA, Project Manager, Todd Baker Phone: (225) 342-4807 Email: Todd.Baker@la.gov</p>	<p>CEC along with a team of nine sub-consultants is currently providing engineering and design services for the Project which include project management activities; landrights support; data gap analysis; development of a data collection plans including survey, cultural resources, geotechnical, and biological data collection; development of habitat construction goals; stakeholder engagement; geotechnical data collection permit package, design integration planning, survey and biological data collection, design alternatives development and analysis, preliminary engineering design, state and federal permitting, final engineering design, construction cost estimating, and bid package support.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Engineering and Design: Estimated November 2025</p>	<p>Engineering &amp; Design Contract: \$5.6M</p> <p>Construction cost estimated: \$300M</p>	<p>\$2,006,830</p>

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Belle Headland Repair (TE-0176), Lafourche Parish, Louisiana.</p> <p>CPRA, Project Manager, April Newman Phone: (225) 342-6412 Email: April.Newman@la.gov</p>	<p>CEC is currently providing a variety of engineering tasks including assessment of hurricane damages to the project site; identification and design of sand borrow area resources; beach, dune, and marsh restoration designs; permitting and regulatory compliance; development of construction plans and specifications; construction cost estimating; habitat delineation; and bid support. CEC assisted CPRA with FEMA request for information regarding funding grants and supplemental environmental assessment development; coordinating the Negotiated Non-competitive Agreement (sand lease) with the Bureau of Ocean Energy Management; project scheduling, and project cost controls. CEC will also provide construction administration and observation services under a separate contract.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Engineering and Design: Estimated Fall of 2025</p>	<p>Engineering &amp; Design Contract: \$437,175</p> <p>Construction cost estimated: \$72.6M</p>	<p>\$174,745</p>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>West Grand Terre Beach Nourishment and Stabilization Project (BA-0197), Jefferson Parish, Louisiana.</p> <p>CPRA, Project Manager, James McMenis Phone: (225) 342-4662 Email: James.Mcmenis@la.gov</p>	<p>CEC served as the prime consultant, leading an integrated consulting team providing comprehensive services for coastal engineering and design, permitting, QA/QC and oversight of field investigations, and project management. The scope of services included topographic and bathymetric surveys, Phase I ESA, sediment contaminant sampling, geophysical and geotechnical investigations, coastal processes analysis, cost and benefits analysis. The project features included shoreline stabilization along Barataria Pass and Bay; and marsh, dune, and beach creation using a borrow area in the Gulf of Mexico.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2022	<p>Engineering &amp; Design Contract: \$2.5M Construction Administration: \$960,870</p> <p>Construction cost: \$74,528,473</p>	\$1,818,885

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Terrebonne Basin Barrier Island and Beach Nourishment Project (TE-118 and TE-143), Terrebonne and Lafourche Parishes, Louisiana.</p> <p>CPRA, Project Manager, April Newman Phone (225) 342-6412 Email: April.Newman@la.gov</p>	<p>CEC contracted by Stantec Engineers to provide coastal engineering and environmental services on the East Timbalier Island Restoration Project to CPRA. The purpose of the project is to restore beach, dune, and marsh habitat on barrier island in the Timbalier Bay Area. CEC designed multiple restoration alternatives for East Timbalier Island, West Belle Pass Headland, Casse Tete and Calumet Island, Timbalier Island, and Trinity Island. CEC then developed and ran a regional hydrodynamic and sediment transport model to evaluate the benefits of the various alternatives, compare and contrast performance and outcomes, and guide selection of the recommended plan. CEC served as the Prime Consultant for construction administration and resident inspections.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2022	<p>Engineering &amp; Design Contract: \$1.6M Construction Administration: \$2.6M</p> <p>Construction cost: \$151.3M</p>	\$3,054,870

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>NRDA North Breton Island Early Restoration Project, Plaquemines Parish, Louisiana.</p> <p>US Fish and Wildlife Service, Project Manager, Robin Donohue Phone: (605) 481-8408, Email:Robin_Donohue@fws.gov</p>	<p>CEC was contracted by O'Brian and Gere to provide coastal engineering services on the North Breton Island Restoration Project. CEC developed three conceptual alternatives for the project features on Breton Island with detailed design drawings and a technical memorandum summarizing the design details. CEC led the evaluation of the design alternatives, in addition to the No-Action alternative, comparing and contrasting the design alternatives for performance, longevity, benefits, impacts, and socio-economic constraints along with the order of magnitude construction costs, rendering a recommendation for the preferred design alternative and produced the Design Alternatives Analysis Report.</p> <p>CEC was the lead in the development of the Designs for the Restoration Area, Borrow Areas, and the associated Conveyance Corridor.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2022	<p>Engineering &amp; Design Contract: \$1.8M Construction Administration: \$1.4M</p> <p>Construction Cost: \$56.3M</p>	\$1,181,567

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>NRDA Caillou Lake Headlands Restoration Project (TE-100), Whiskey Island, Terrebonne Parish, Louisiana.</p> <p>CPRA, Project Manager, Brad Miller Phone: (225) 342-4112 Email: Brad.Miller@la.gov</p>	<p>CEC served as the Prime Consultant on an integrated consulting team providing comprehensive services for design, permitting, and construction of the project. The Scope of Services included topographic, magnetometer, and bathymetric surveys; geophysical and geotechnical surveys to define the sand source; performing a sand suitability assessment; coastal processes studies and analyses including shoreline and volume change analyses, regional wave and storm statistics, sediment budget and sediment transport modeling, sea level rise, subsidence, and consolidation studies; development of design criteria; performance analyses; engineering and design of the beach fill, borrow area, and conveyance corridors; opinion of probable construction cost; and construction administration and oversight.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
September 2018	<p>Engineering &amp; Design Contract: \$2.5M Construction Administration: \$1.3M</p> <p>Construction Cost: \$102.5M</p>	\$2,241,936

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Caminada Headland Beach and Dune Restoration - Increment 1 (BA-45) &amp; Increment 2 (BA-143), Jefferson and Lafourche Parishes, Louisiana.</p> <p>CPRA, Project Manager, Brad Miller Phone: (225) 342-4122 Email: Brad.Miller@la.gov</p>	<p>CEC served as the Prime Consultant on an integrated consulting team providing comprehensive services for design, permitting, and construction administration of the project. The Scope of Services included topographic, magnetometer, and bathymetric surveys; geophysical and geotechnical investigations to define the sand source; performing a sand suitability assessment; coastal processes studies and analyses including shoreline and volume change analyses, regional wave and storm statistics, sediment budget and sediment transport modeling, sea level rise, subsidence, and consolidation studies; development of design criteria; performance analyses; engineering and design of the beach and dune fill, borrow area, and conveyance corridors; and opinion of probable construction cost.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Increment 1: March 2014. Increment 2: March 2017.</p>	<p>Engineering &amp; Design Contract: \$2.7M Construction Administration: \$2.2M</p> <p>Construction Cost of both phases was \$199.8M</p>	<p>\$3,239,000</p>

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>West Fourchon Marsh Creation (TE-134), Terrebonne Parish, Louisiana</p> <p>CPRA, Project Manager, Bevin Barringer Phone: (225) 342-4452 Email: Bevin.Barringer@la.gov</p>	<p>CEC led an integrated consulting team to conduct geophysical and geotechnical, and cultural resource investigations of the borrow area and associated conveyance corridor. Following data acquisitions, the CEC Team processed analyzed and interpreted the acquired data to identify mixed sediment resources suitable for marsh creation and for utilization in Project construction and developed a list of targets or archaeologically sensitive areas for which avoidance or additional investigation shall be recommended. Based on the data collected and analyzed during the geophysical, geotechnical and cultural resource investigations, CEC delineated the final borrow area containing over 6,000,000 cubic yards and conveyance corridor.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Engineering Services were completed in May 2019.</p>	<p>Engineering &amp; Design Contract: \$230,000</p>	<p>\$29,500</p>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Performance Assessment of Restoration in the Barataria Basin: Phase I Data Inventory  CPRA, Project Administrator, Syed Khalil Phone: (225) 342-9417 Email: Syed.Khalil@la.gov	In order to improve the understanding of the effectiveness of restoration projects, it is both essential and prudent to evaluate the numerous coastal restoration projects that have been constructed over the past twenty plus years in the Barataria Basin. Since 1999, at least 60 restoration projects have been constructed in the Barataria Basin by state, local and federal agencies, parishes, non-governmental organizations and private companies. Utilizing available documents and reports, CEC (sub-consultant to Royal Engineers) provided information to update and complete CPRA's existing inventory of the Barataria Basin and restoration projects within the basin. CEC performed a QA/QC analysis of the available data and reports to validate the accuracy and level of confidence for use in future performance assessments.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Services were completed in February 2020.	Contract: \$93.940	\$88,180

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Riverine Sand Mining / Scofield Island Restoration (BA-40), Plaquemines Parish, Louisiana.  CPRA, Project Manager, Kenneth Bahlinger Phone: (225) 342-7362 Email: Kenneth.Bahlinger@la.gov	A first in our nation's history, the Scofield Island Restoration Project utilized sand dredged from the Mississippi River to restore the geomorphic and ecological form and function of this critical barrier island habitat. CEC's role and responsibility included providing the coastal engineering and marsh design technical expertise and additional hydrographic and bathymetric surveying capabilities. Our staff of licensed professional coastal geologists and engineers led the riverine borrow source search and was responsible for evaluating compatible sand and suitable mixed sediment sources for beach nourishment and marsh creation, respectively, and the delineation/definition of borrow site/sites for sand in the Mississippi River. CEC provided construction administration services for this project.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
May 2014	Engineering & Design Contract: \$2.8M Construction Administration: \$896,970  Construction Cost of both phases was \$52,150,703	\$1,698,546

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

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

Founded in 1977, Coastal Engineering Consultants, Inc. (CEC) is a diversified engineering and professional services corporation. CEC's strength is in its nationally recognized expertise in conducting reconnaissance and feasibility studies; performing engineering design from preliminary to final plans and specifications, development of opinions of probable construction cost, flora and fauna mitigation evaluations, and comprehensive watershed studies. CEC has also performed numerous bid and construction administration services for canal and channel maintenance dredging; shoreline, stream bank, and channel stabilization; shallow and deep draft navigation; ecosystem restoration; flood and storm damage reduction; coastal systems analysis and erosion control; beach and dune nourishment; marsh and wetland creation; and multi-purpose water resource projects. CEC has designed, permitted, and administered the construction of over 47 million cubic yards of sediment for beaches, channels, ecosystem restoration, and other beneficial uses in Louisiana alone. This work has included analysis of tidal hydraulics, sediment transport, waves and currents, marine structures, surface water hydrology, hydraulics and hydrodynamics, surface and groundwater modeling, scour studies, and water quality analysis and modeling. One of CEC's primary service sectors is marine structures including underwater inspections; coring/probing and sediment testing; submerged utility location surveys; submerged utility repairs; structural repair plans and specifications; bid services; and construction services. We are well versed in providing the myriad of environmental and survey services including environmental assessments, biological surveys, submerged aquatic vegetation inventories and mapping, listed species surveys, and delineation of jurisdictional wetland boundaries.

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

**Signature:** Michael Poff Digitally signed by Michael Poff  
DN: cn=Michael Poff, o=CEC, ou,  
email=mpoff@ceciff.com, c=US  
Date: 2024.07.01 10:50:09 -04'00'
**Print Name:** Michel T. Poff

**Title:** President
**Date:** 7/1/2024

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## **CEC STAFF/FIRM PROFESSIONAL LICENSES/REGISTRATIONS**

### **Staff Licenses**

*Michael T. Poff, P.E.*

2002 Professional Engineer  
Louisiana License No. 30048  
2016 Professional Engineer  
Texas License No. 125452  
1994 Professional Engineer  
Florida License No. 48218  
2013 Professional Engineer  
Alabama License No. 33740  
2014 Professional Engineer  
Mississippi License No. 25593

*Brett Borne, P.E.*

2017 Professional Engineer  
Louisiana License No. 42158  
2021 Professional Engineer  
Texas License No. 141229  
2023 Professional Engineer  
New York License No. 2816762

*Richard J. Ewing, PSM*

2009 Professional Surveyor  
Louisiana License No. 5016  
1994 Professional Surveyor  
Florida License No. 5295

*Jeremy B. Herget, P.E.*

2015 Professional Engineer  
Florida License No. 79352

*Grady Van Horn Timmins, P.E.*

2019 Professional Engineer  
Florida License No. 86500

*Mark Kinkaid, P.E.*

2002 Professional Engineer  
Florida License No. 58654

### **Corporate Registrations**

State of Louisiana, Secretary of State,  
Authority to do Business, Charter No.  
35320195F

State of Louisiana, Louisiana Professional  
Engineering and Land Surveying Board  
Authorized and Registered for Engineering  
Services License No. 2849

State of Louisiana, Louisiana Professional  
Engineering and Land Surveying Board  
Authorized and Registered for Surveying  
Services License No. 629

State of Florida, Dept. of Business &  
Professional Registration, Authorization and  
Registered for Survey & Mapping Business,  
License No. LB2464

State of Texas, Texas Board of Professional  
Engineers, Certificate of Registration for  
Engineering Services, Registration No. F-  
19554

State of Mississippi, Mississippi  
Professional Engineers and Surveyors  
Certificate of Authority  
License No. 25740

State of Alabama, Alabama Professional  
Engineers and Land Surveyors, Certificate  
of Authorization for Engineering Services,  
Certificate No. CA-4881-E



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Name	Type	City	Status
COASTAL ENGINEERING CONSULTANTS, INC.	Business Corporation (Non-Louisiana)	BONITA SPRINGS	Active

### Previous Names

**Business:** COASTAL ENGINEERING CONSULTANTS, INC.  
**Charter Number:** 35320195F  
**Registration Date:** 8/12/2002

### Domicile Address

28421 BONITA CROSSINGS BLVD.  
 BONITA SPRINGS, FL 34135

### Mailing Address

28421 BONITA CROSSINGS BLVD.  
 BONITA SPRINGS, FL 34135

### Principal Business Office

28421 BONITA CROSSINGS BLVD.  
 BONITA SPRINGS, FL 34135

### Registered Office in Louisiana

450 LAUREL STREET, 8TH FLOOR  
 BATON ROUGE, LA 70801

### Principal Business Establishment in Louisiana

1211 NORTH RANGE AVE.  
 SUITE E  
 DENHAM SPRINGS, LA 70726

### Status

**Status:** Active  
**Annual Report Status:** In Good Standing  
**Qualified:** 8/12/2002  
**Last Report Filed:** 7/13/2023  
**Type:** Business Corporation (Non-Louisiana)

### Registered Agent(s)

<b>Agent:</b>	CORPORATION SERVICE COMPANY
<b>Address 1:</b>	450 LAUREL STREET, 8TH FLOOR
<b>City, State, Zip:</b>	BATON ROUGE, LA 70801
<b>Appointment Date:</b>	9/20/2016

**Officer(s)**

**Additional Officers: No**

<b>Officer:</b>	DONNA R. BENFIELD
<b>Title:</b>	Secretary, Director, Treasurer
<b>Address 1:</b>	28421 BONITA CROSSINGS BLVD.
<b>City, State, Zip:</b>	BONITA SPRINGS, FL 34135
<b>Officer:</b>	MICHAEL T. POFF, P.E.
<b>Title:</b>	President, Director
<b>Address 1:</b>	28421 BONITA CROSSINGS BLVD.
<b>City, State, Zip:</b>	BONITA SPRINGS, FL 34135
<b>Officer:</b>	RICHARD J. EWING, P.S.M.
<b>Title:</b>	Vice-President, Director
<b>Address 1:</b>	28421 BONITA CROSSINGS BLVD.
<b>City, State, Zip:</b>	BONITA SPRINGS, FL 34135
<b>Officer:</b>	MARK A. KINCAID, P.E.
<b>Title:</b>	Vice-President, Director
<b>Address 1:</b>	28421 BONITA CROSSINGS BLVD.
<b>City, State, Zip:</b>	BONITA SPRINGS, FL 34135

**Amendments on File (6)**

<b>Description</b>	<b>Date</b>
Stmnt of Chg or Chg Prin Bus Off	12/16/2003
Disclosure of Ownership	10/2/2009
Stmnt of Chg or Chg Prin Bus Off	12/28/2015
Stmnt of Chg or Chg Prin Bus Off	9/20/2016
Disclosure of Ownership	6/30/2017
Stmnt of Chg or Chg Prin Bus Off	9/1/2023

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# *Louisiana Professional Engineering and Land Surveying Board*

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

Coastal Engineering  
Consultants, Inc.

**Public Address:**

Ms. Sarah E. Clever  
28421 Bonita Crossings Boulevard  
Bonita Springs, Florida 34135

**License/Certificate Information w/ Supervision**

<b>License</b>	<b>Status</b>	<b>First Issuance Date</b>	<b>Expiration Date</b>	<b>Supervisor(s)</b>
EF.0002849	Active	09/10/2002	03/31/2025	Mr. Michael T. Poff # PE.0030048

Print

Close

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9643 Brookline Avenue | Suite 121 | Baton Rouge, LA 70809-1433  
225-925-6291 | Fax 225-925-6292

# *Louisiana Professional Engineering and Land Surveying Board*

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

Coastal Engineering  
Consultants, Inc.

**Public Address:**

Ms. Sarah E. Clever  
28421 Bonita Crossings Boulevard  
Bonita Springs, Florida 34135

**License/Certificate Information w/ Supervision**

<b>License</b>	<b>Status</b>	<b>First Issuance Date</b>	<b>Expiration Date</b>	<b>Supervisor(s)</b>
VF.0000629	Active	01/21/2010	03/31/2026	Mr. Richard James Ewing # PLS.0005016

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225-925-6291 | Fax 225-925-6292

# *Louisiana Professional Engineering and Land Surveying Board*

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

<b>Name:</b>	<b>Address:</b>
Mr. Michael T. Poff	28421 Bonita Crossings Boulevard Bonita Springs, Florida 34135

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PE.0030048	Active	04/09/2002	09/30/2024	Civil Engineer

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# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

<b>Name:</b>	<b>Address:</b>
Mr. Brett Allen Borne	21296 Smith Road Covington, Louisiana 70435-6347

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PE.0042158	Active	11/17/2017	03/31/2026	Civil Engineer

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225-925-6291 | Fax 225-925-6292

# *Louisiana Professional Engineering and Land Surveying Board*

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

Mr. Richard James  
Ewing

**Address:**

28421 Bonita Crossings Boulevard  
Bonita Springs, Florida 34135

**License/Certificate Information**

<b>License</b>	<b>Status</b>	<b>First Issuance Date</b>	<b>Expiration Date</b>	<b>Listed Discipline(s)</b>
PLS.0005016	Active	12/02/2009	03/31/2026	

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225-925-6291 | Fax 225-925-6292

**Listing of all Subcontractors  
to Coastal Engineering Consultants, Inc. for the response to the  
Jefferson Parish Statement of Qualifications to Provide  
Coastal Engineering Consulting Services**

**Resolution #144205**

**EMC, Inc.**

**GeoEngineers, Inc.**

**Ocean Surveys, Inc.**

**SWCA Environmental Consultants**

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 24-020 to Provide Coastal Engineering Consulting Service- Resolution #144205

**B. Firm Name & Address:**

EMC, Inc.  
2472 Sunset Drive  
Grenada, MS 38901

dba EMC, Incorporated of MS (Charter No.: 36452855F) in the State of Louisiana

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Josh S. Mattox, PLS  
President

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

Michael Cook, PLS, PE  
LA PLS Registration No.: 0004879  
LA PE Registration No.: 0028912

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

<u>4</u> Administrative	<u>4</u> Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>1</u> Civil Engineers	___ Interior Designers	<u>4</u> Project Managers
___ Construction Inspectors	___ Landscape Architects	<u>2</u> Clerical
___ Ecologists	<u>10</u> Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
<u>5</u> Professional Land Surveyors		<u>30</u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.  
N/A

2.  
N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
 YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2. N/A		
3. N/A		

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

\_\_\_\_\_

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Josh S. Mattox, PLS  
President

**Project Assignment:**

Surveying Project Manager - Contract and Office  
Professional Land Surveyor

**Name of Firm with which associated:**

EMC, Inc.

**Years' experience with this Firm:**

26

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science in Land Surveying, 2003, Mississippi State University

**Active registration: Year first registered/discipline:**

PLS: MS #-3005 (Year: 2006); PLS: SC #-26604 (Year: 2008); PLS ND #-11478 (Year: 2012); PLS: SD #-26604 (Year: 2012)

**Other experience and qualifications relevant to the proposed Project:**

Mr. Joshua S. Mattox, a registered professional land surveyor in four states, serves as the President and owner of EMC, Inc. In this role, he oversees EMC's nationwide operations and has successfully managed over 18 IDIQ surveying contracts for various government agencies some of which include the United States Corps of Engineers, National Oceanic and Atmospheric Administration, National Resource Conservation Services, U. S. Fish and Wildlife, Mississippi Department of Transportation, etc. In addition, Mr. Mattox has managed hundreds of contracts for private clients. As EMC's contract manager and single point of contact for this contract, Mr. Mattox holds authority over decision-making, proposal submission, price negotiation, the responsibility of accomplishing the client's objectives for each task assigned to EMC and more. He plays a key role in project estimation, negotiation, scheduling, planning, and monitoring. Mr. Mattox is a vital member of EMC's QA/QC team, ensuring that all surveying data is processed and mapped accurately.

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Michael Cook, PE, PLS

**Project Assignment:**

Professional Land Surveyor LA and Civil Engineer

**Name of Firm with which associated:**

EMC, Inc.

**Years' experience with this Firm:**

12

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science in Land Surveying from Mississippi State University

**Active registration: Year first registered/discipline:**

PLS: LA #4879, MS #2538, GA #2903, TX #5816, AZ #47374, NC #L-4672, KS #1425  
PE: MS #11395, LA #28912, FL #50872

**Other experience and qualifications relevant to the proposed Project:**

With an extensive 35-year tenure in the surveying and engineering realm, Mr. Cook assumes the pivotal role of Professional Civile Engineer for EMC's accomplished team. His seasoned background encompasses diverse projects, notably contributing to numerous surveying and engineering government contracts, with a noteworthy portfolio that includes collaborations with the US Army Corps of Engineers, Natural Resource Conservation Services, U.S. Fish and Wildlife, Coastal Protection and Restoration Authority Projects, etc. Mr. Cook is set to play a proactive role in coordinating seamless survey coordination. His wealth of experience will be instrumental in providing expert guidance for the execution of surveying services, ensuring quality control across fieldwork, and office processes. Mr. Cook is also a registered PLS in MS, GA, AZ, and KS.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Melvin D. Greene, PLS
<b>Project Assignment:</b>
Assistant Project Manager - Field Operations
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
33
<b>Education: Degree(s)/Year/Specialization:</b>
BS - Business, University of Southern Mississippi
<b>Active registration: Year first registered/discipline:</b>
PLS: MS #-1822 (Year: 1979); TN #-1871 (Year: 1995); KY #-3958 (Year: 2010)
<b>Other experience and qualifications relevant to the proposed Project:</b>
With over 44 years of knowledge and experience in the surveying industry, Mr. Greene has been one of our Assistant Project Managers for over 25 years and has been a key role at EMC. He directly oversees all of EMC's daily field operations and is vital to our field processes and procedures. Over the years, Mr. Greene has managed over twelve crews working on different projects throughout the United States. In addition, he is also on EMC's quality control team, where he ensures that all field operations and field data processing are performed to meet the standards, regulations and requirements set forth by our clients. He has over four decades of experience in setting work schedules, reviewing work plans, assuring that all proper equipment is at the job site, monitoring surveying projects, etc. He has a great working relationship with all of our field crews and often provides his surveying expertise and technical assistance if an issue should arise. Mr. Greene is always trying to improve himself and the quality of EMC's field operations. He has successfully completed several survey training and safety courses. Some of the course include: Static & RTK/OTF GPS Certificate/Trimble; Coastal Multi-Beam Sonar Training Course/ NOAA & Hydrographic Commission; Processing GPS Data Using the NGS PAGES and ADJUST Software Training Course/ NOAA & National Geodetic Survey; First Aid & CPR, OSHA 40, etc.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
William B. Gray, PLS
<b>Project Assignment:</b>
Mapping Supervisor & QA/QC Manager
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
18
<b>Education: Degree(s)/Year/Specialization:</b>
BS, 2003, Land Surveying, Mississippi State University
<b>Active registration: Year first registered/discipline:</b>
PLS: MS #-3154 (Year: 2009), NM #-20162 (Year: 2010), TX #6478 (Year: 2012)
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Gray serves as EMC's Mapping Supervisor. He has a strong technical and analytical background in collecting and processing surveying data and has played a key role in developing our procedures for data collection, mapping and quality control. His experience ranges from collecting surveying datasets to reviewing the final product. He has successfully managed the processing and mapping of hundreds of surveying projects for EMC. He directly oversees EMC's Mapping Operations and is responsible for accomplishing the client's objectives. As EMC's Mapping Supervisor, Mr. Gray has vast experience in all surveying CADD Software's Packages. He provides our CADD Technicians with surveying expertise and technical assistance on a daily basis. Mr. Gray also provides vital inputs regarding estimating, negotiating, scheduling, planning and monitoring of each project that EMC produces. Finally, Mr. Gray is the key member of QA/QC team, where he ensures that all surveying data is processed and mapped accurately.</p> <p>Mr. Gray has successfully completed several survey training and safety courses. Some of the courses include: Trimble Static &amp; RTK/OTF GPS Certificate; Trimble Business Center Training; NOAA/NGS - Processing GPS Data using the NGS PAGES and ADJUST Software; Sensors &amp; Software Training - Utility Locating and Mapping with GPR Certificate; and Riegl USA - RiACQUIRE &amp; RiPROCESS Software Training.</p>

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
William Hardy Gross, PLS
<b>Project Assignment:</b>
Surveying Supervisor
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
11
<b>Education: Degree(s)/Year/Specialization:</b>
N/A
<b>Active registration: Year first registered/discipline:</b>
PLS: MS #-31198 (Year: 2020)
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Gross began his surveying career with EMC as an Instrument man and work his way up the ladder to become a Professional Land Surveyor. Now with over a decade of surveying experience and knowledge he is one of EMC's Survey Supervisors. As a Survey Supervisor, Mr. Gross has managed multiple diverse types of surveying projects. While he has successfully completed various projects throughout the United States, much of his experience has been within the Mississippi Valley Division boundaries while working on Corps and other government contracts. He has supervised the field operations for boundary, horizontal and vertical control, topographic and hydrographic surveys. His training includes First Aid\CPR, Boat & Water Safety Course and Army iWATCH Security Program.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jacob M. Mattox, LSI, Vice President
<b>Project Assignment:</b>
Party Chief
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
24
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science in Land Surveying, 2005, Mississippi State University
<b>Active registration: Year first registered/discipline:</b>
LSI: MS #-497 (Year: 2006)
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Mattox has proven knowledge with over two decades in the surveying industry. He serves a crucial role at EMC as one of our Party Chiefs with extensive experience in land and Hydrographic surveying. His career has taken him to various major waterways around the United States. He ensures that proper procedures and accurate reporting occurs, and that supporting documentations analysis is collected. Once data is collected he ensures the data is reported to the office operations. Mr. Mattox specializes in utilizing a range of technical software and equipment, including satellite positioning systems, sonars, ADCP, laser scanners, and mobile LiDAR. He holds certifications in OSHA 10, HAZWOPER, First Aid/CPR, Boat & Water Safety, and NOAA Shallow-Water Multibeam Training.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jimmy Pee
<b>Project Assignment:</b>
Topographic Party Chief
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
36
<b>Education: Degree(s)/Year/Specialization:</b>
N/A
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Pee has over four decades of experience in the survey industry. As an experienced Party Chief at EMC, has conducted land and hydrographic surveys throughout the nation for government and private agencies. With a proven track record, he excels in various survey types, including geodetic control, construction, topographic, boundary, conventional, SUE, GIS field, and hydrographic surveys. Mr. Pee is well-versed in surveying methods and equipment, holding certifications in First Aid/CPR and Boat/Water Safety.

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Ronald J. Hutchinson, Sr.

**Project Assignment:**

Topographic Party Chief

**Name of Firm with which associated:**

EMC, Inc.

**Years' experience with this Firm:**

36

**Education: Degree(s)/Year/Specialization:**

N/A

**Active registration: Year first registered/discipline:**

N/A

**Other experience and qualifications relevant to the proposed Project:**

With over 40 years of experience. Mr. Hutchinson is a seasoned Party Chief that has gained vast knowledge of the surveying industry. Furthermore, he has taken an active role and supervised the work performed by his surveying crew on many diverse types of surveying projects such as geodetic control, construction, topographic, real estate boundary, conventional, SUE, GIS field, hydrographic surveys. Once all data is collected, Mr. Hutchinson ensures data is accurately reported to EMC's office operations. He has a vast understanding and knowledge of surveying equipment and software included by not limited to Trimble Access, Trimble GPS satellite positioning systems, Topcon and Nikon total stations, Leica digital levels, sonars, single and multibeam echo sounders, ADCP, laser scanners and mobile LiDAR, etc. His training includes First Aid/CPR and Boat/Water Safety Courses.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
James A. Pettigrew III
<b>Project Assignment:</b>
CADD Specialist
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
13
<b>Education: Degree(s)/Year/Specialization:</b>
AS/Architectural Technology
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Pettigrew serves as one of EMC's CADD/GIS Technician with over sixteen years of mapping experience. He has a strong technical and analytical background in collecting and processing surveying data and has played a key role in developing our procedures for data processing, mapping and quality control. His experience ranges from processing surveying datasets and mapping to reviewing the final product. He has successfully processed and mapped hundreds of surveying projects for EMC. As CADD specialist, he prepares and verifies mathematical calculations related to surveying; computes and adjusts angles, distances, bearing traverses and elevation; interprets field data; evaluates for accuracy and completeness. Mr. Pettigrew is experienced and trained in MicroStation, Inroads, AutoCAD, and ArcView, HYPACK, Chesapeake SonarPro, Sonar Wiz, RiPROCESS, etc.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b> Ralph Hutchinson
<b>Project Assignment:</b> Hydrographic Party Chief
<b>Name of Firm with which associated:</b> EMC, Inc.
<b>Years' experience with this Firm:</b> 23
<b>Education: Degree(s)/Year/Specialization:</b> N/A
<b>Active registration: Year first registered/discipline:</b> N/A
<b>Other experience and qualifications relevant to the proposed Project:</b> Mr. Hutchinson, an EMC Party Chief, specializes in hydrographic surveying with over two decades of experience in all areas of the surveying industry. He has a vast understanding and knowledge of surveying equipment and software included by not limited to Trimble Access, Trimble GPS satellite positioning systems, Topcon and Nikon total stations, Leica digital levels, sonars, single and multibeam echo sounders, ADCP, laser scanners and mobile LiDAR, etc. His training includes HAZWOPER, First Aid/CPR, H2S, and Boat/Water Safety certifications.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Ronald J. Hutchinson, Jr.
<b>Project Assignment:</b>
Hydrographic Party Chief
<b>Name of Firm with which associated:</b>
EMC, Inc.
<b>Years' experience with this Firm:</b>
9
<b>Education: Degree(s)/Year/Specialization:</b>
N/A
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Hutchinson is a Party Chief who has spent much of his career working on government surveying projects. He has taken an active role and supervised the work performed by his surveying crew on various distinct types of surveying projects, e.g., geodetic control, construction, topographic, real estate boundary, conventional, SUE, GIS field, and hydrographic surveys. He has a thorough understanding and knowledge of surveying equipment and procedures. His training includes First Aid \CPR and Boat & Water Safety Courses.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Chandeleur Island Restoration (PO-0199) Phase 2, St. Bernard Parish, LA, Gulf of Mexico</p> <p>Coastal Engineering Consultants, Inc. Steve Darte, Managing Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7157</p>	<p>EMC was contracted by CEC to perform the required topographic, bathymetric, magnetometer, and cultural resource assessment surveys for the Chandeleur Island Restoration Project which is located on the Chandeleur Islands in St. Bernard Parish, Louisiana. The purpose of the project was to engineer and design a restoration project benefiting the Chandeleur Islands and the many species that use them with a particular focus on birds. The scope of work included establishing new survey control monuments, conducting comprehensive surveys of Chandeleur Island, performing magnetometer surveys around Chandeleur and New Harbor Islands, and assessing archaeological sites within the Project Area. The data collected from these surveys was crucial for future planning, analysis, and decision-making.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Engineering and Design: Estimated November 2025</p>	\$5.6M	\$680,007.25

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>PCCP Baseline Survey 2023, Jefferson and Orleans Parish, LA</p> <p>Michael French USACE, New Orleans District 7400 Leake Ave, Room 172 New Orleans, LA 70118-3651 Phone No.: (504) 862-1865</p>	<p>The USACE tasked EMC to perform a survey at requested pump station locations on New Orleans Lakefront in Jefferson Parish and Orleans Parish, LA. The purpose of the survey was to survey previously surveyed reference markers for a long-term settlement monitoring program for the 3 PCCP pump stations. EMC utilized RTK GPS and conventional survey methods along with Second Order Class 1 levels to establish and monitor long-term reference marks at several pump stations on New Orleans Lakefront.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>2023</p>	Survey Cost: \$30,170.38	\$30,170.38

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>West Grand Terre Beach Nourishment &amp; Stabilization</p> <p>Coastal Engineering Consultants, Inc. Steve Dartez, Managing Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7157</p>	<p>EMC was contracted by the CEC to perform the required topographic and bathymetric surveys for the NRDA West Grand Terre Beach Nourishment and Stabilization (BA-0197) Project, located northwest of Grand Isle between Barataria Pass and Coup Abel Pass in Jefferson Parish. The purpose of the project was to supplement the as-built surveys being conducted, extend some of the as-built survey lines, and add additional lines to increase the spatial coverage around the project area, aiding in the detection of future sand movement. The scope of work included establishing survey control monuments, conducting comprehensive surveys of West Grand Terre Beach, and performing RTK GPS and single beam surveys within the Project Area. The data collected from this survey served as the first monitoring survey post-construction.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2022	Engineering and Design: \$2.5M	\$23,059.00

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Chandeleur Islands Restoration Phase I, St. Bernard Parish, Louisiana</p> <p>Coastal Engineering Consultants, Inc. Steve Dartez, Managing Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7157</p>	<p>EMC was contracted by CEC to conduct comprehensive bathymetric and magnetometer surveys of the borrow area for the Chandeleur Island Restoration Project. This project was situated on the Chandeleur Islands in St. Bernard Parish, Louisiana. The surveys aimed to gather detailed data to support the restoration efforts, ensuring accurate mapping and assessment of the underwater terrain and magnetic anomalies within the project area. To achieve these objectives, EMC utilized advanced single-beam sonar technology for the bathymetric survey. This method provided high-resolution depth measurements, creating an accurate topographic map of the seafloor. Additionally, EMC employed state-of-the-art magnetometer technology to detect and map any magnetic disturbances, which could indicate the presence of submerged metal objects or geological features. The combination of these technologies enabled EMC to deliver comprehensive data, critical for the successful planning and execution of the restoration project.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2022	\$500,363	\$27,767

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Pre and Post-Construction Surveys for Terrebonne Basin Barrier Island and Beach Nourishment (TE-143); CEC Project No: 19.225; LA Gov No: 44000012417</p> <p>Coastal Engineering Consultants, Inc. Steve Darte, Managing Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7157</p>	<p>EMC was contracted by CEC to perform a Pre and Post-Construction Survey of the borrow areas for the Terrebonne Basin Barrier Island and Beach Nourishment Project. EMC performed the surveys, processed the data, performed error analysis reports, and created surveying reports of the borrow areas in accordance with the most recent edition of NOAA's Office of Coast Survey Hydrographic Survey Field Procedure Manual. For the Bathymetric Surveys, EMC collected 100 percent coverage using multi-beam bathymetric methods. EMC utilized our 32-foot Catamaran with a 12-foot beam along with a Reson T20P multibeam system and Applanix POS MV for positioning and motion corrections.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2022	Survey Cost: \$756,720.00	\$756,720.00

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Establishment of Permanent Benchmark For BA-206 Northeast Turtle Bay Marsh Creation and Critical Shoreline Protection Jefferson Parish, Louisiana</p> <p>USDA – NRCS Doug Baker 105 Talbot Avenue Thibodaux, LA 70302 985-447-6050, ext 3136</p>	<p>The purpose of this task order was to establish a Permanent Benchmark for the design, surveying, and construction of the Northeast Turtle Bay Marsh Creation and Critical Shoreline Protection Project in Jefferson Parish, Louisiana. This included establishing one secondary deep rod control monument at the specified location using static GPS. Field work began on March 19, 2019, with the setting of the new control mark, BA206-SM-01, a ½" stainless steel rod driven to a depth of 76.0', encased in a 6" PVC sleeve set in concrete, and flush with the ground. The exact location was marked during a site visit with an NRCS representative. GPS static sessions were conducted from March 20 to March 22, 2019, using Trimble R8 and R6-3 GPS receivers. Data was processed in Trimble Business Center, utilizing CORS stations and existing NGS marks, including BA27 SM 01 RESET, to establish coordinates on the new mark, using both Geoid 2003 and Geoid 2012B.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	Cost: \$30,843.81	\$30,843.81

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Bayou Aux Carpes (404C). Augmentation Measures Jefferson Parish, LA</p> <p>Anthony Maiore USACE, New Orleans District 7400 Leake Ave, Room 172 New Orleans, LA 70118-3651 Phone No.: (504) 442-7957</p>	<p>The USACE tasked EMC to perform a survey at requested cross section locations at Bayou Aux Carpes in Jefferson Parish, LA. The purpose of the survey is to obtain survey data to develop P&amp;S for the subject property. RTK/GPS data collection was performed with a Trimble R10-2 base station and R10-2 rover. Fixed height tripods were used at base setups. We utilized RTK to collect all cross sections and miscellaneous data. Trimble Business Center software was used to process the Static GPS and RTK/GPS vectors. Statistical analysis was performed to review RMS, PDOP, number of satellites and other quality indicators. Upon approval of data statistics, data coverage was checked to make sure the survey area was covered.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	Survey Cost: \$32,707.39	\$32,707.39

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Timbalier Barrier Post Zeta Survey (TE-118), Terrebonne Parishes, LA</p> <p>Coastal Engineering Consultants, Inc. Steve Dartez, Managing Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7157</p>	<p>EMC was contracted by CEC to perform the surveying services required for Post Hurricane Zeta along Timbalier Barrier in Terrebonne Parishes, LA. This survey request included the use of RTK GPS, and hydrographic sounding. This first step of the survey process was to locate existing control for the survey. Upon completion of the control transects were collected using single-beam hydrographic and RTK GPS survey techniques. Hydrographic surveys run as close to the island as possible. Hydrographic soundings were tide corrected using RTK tides. Both the RTK GPS and hydrographic data were referenced to existing project control. The Hydrographic survey near the beach was performed as close to high tide as possible. After this was completed the land portion was completed using RTK/GPS and was performed at low tide in areas where hydrographic overlap is needed. The use of an airboat was needed for a large portion of the sections that went through the marsh area.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2021	Survey Cost: \$34,800.00	\$34,800.00

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>20-072C Algiers Sub Basin and Donner Canal, Orleans and Jefferson Parish, LA</p> <p>Michael French USACE, New Orleans District 7400 Leake Ave, Room 172 New Orleans, LA 70118-3651 Phone No.: (504) 862-1865</p>	<p>The USACE tasked EMC to perform a survey at requested cross section locations along Donner Canal in the vicinity where Donner Canal intersects Algiers Canal, on the border of Orleans and Jefferson Parish, LA. The purpose of the survey was to obtain surveys for P&amp;S development. EMC used RTK/GPS, and conventional surveying methods to complete the survey. RTK GPS data was collected with Trimble R8-3 base stations (with fixed 2m tripods) and R6 rovers. Conventional surveys were used to collect cross sections in all wooded areas. All turning points were set with RTK GPS survey equipment. Office processing was completed utilizing Trimble Business Center for all RTK GPS and conventional data. All checks and quality control measures were performed on the data before and after processing. The rod heights, point codes and controlling base station coordinates were verified. Statistical analysis was performed to review the RMS, PDOP, number of satellites and other quality indicators. Upon approval of data statistics, data coverage was checked to verify the requested survey area was covered.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	Survey Cost: \$91,938.20	\$91,938.20

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson and Plaquemines Parishes, LA</p> <p>Coastal Engineering Consultants, Inc. Bret Borne, Project Engineer Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70726 Phone No.: (225) 523-7333</p>	<p>EMC was contracted by CEC to perform the surveying services required for a beach nourishment and stabilization project along West Grand Terre in Jefferson and Plaquemines Parishes, LA. This survey request included the use of RTK GPS and hydrographic sounding. The first step of the survey process was to locate the existing control for the survey. Upon completion of the control, transects were collected using single-beam hydrographic survey techniques. The Hydrographic Surveys were run as close to the island as possible. Hydrographic soundings were tide corrected using RTK tides. Both the RTK/GPS and hydrographic data were referenced to the existing project control. The Hydrographic Survey near the beach was performed as close to high tide as possible. After this was completed, the land portion was completed using RTK/GPS and was performed at low tide in areas where hydrographic overlap was needed. The use of an airboat was needed for a large portion of the sections that went through the marsh area.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	Surveying Cost: \$55,650.00	\$55,650.00

**TEC Professional Services Questionnaire**

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

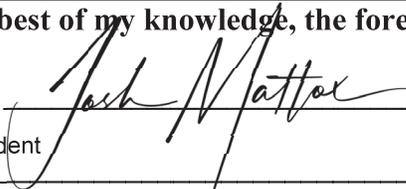
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

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

EMC, with four decades of experience, will be the prime contractor for this contract. Since 1984, EMC has been perfecting its role as a multi-disciplined surveying company offering turnkey solutions for both routine and complex surveying challenges. To assure our role as a quality surveying provider, we have built a strong professional surveying team of highly experience employees with the resources and knowledge to deliver comprehensive surveys. Over the last 30 years, EMC has been progressively growing from a Southeast surveying firm to a national firm that has performed surveying services in over forty-five (45) states. EMC has performed thousands of Land and Hydrographic Surveys for federal, state and local government entities, as well as various private and public companies from our headquarters located in Grenada, MS.

Multi-disciplined is the best adjective used when talking about EMC's services. Our services encompass the traditional disciplines of topographic, boundary/cadastral, hydrographic, geophysical and geodetic surveys; and we have also embraced the newer surveying disciplines of terrestrial LiDAR, mobile LiDAR and aerial surveys with Unmanned Aerial Vehicles (UAV). Since our inception, we have provided continuous leadership in all aspects of our surveying services for the federal, state, local governments, as well as private clientele. Our team has built many lasting client relationships throughout the Nation based on our consistent quality of these services.

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

Signature:  Print Name: Josh S. Mattox, PLS  
 Title: President Date: 6/20/2024

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:

Public Address:

EMC, Inc. of MS

Mr. Joshua S. Mattox  
2472 Sunset Drive

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000630	Active	01/21/2010	03/31/2026	Mr. Michael Olyn Cook # PLS.0004879



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 11/29/2023, the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Michael Olyn Cook  
20051 Old Scenic Hwy, Apt. 307  
Zachary, Louisiana 70791

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Michael Olyn Cook</b>		
License/Certificate Type - Number	Expiration Date	
<b>PLS.0004879</b>	<b>09/30/2024</b>	
<b>Status: Active</b>		
<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>		

Cut Here

Fold 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.

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 24-020 to Provide Coastal Engineering Consulting Services as needed parish wide

**B. Firm Name & Address where Project work will be performed:**

GeoEngineers, Inc.  
11923 Sun Belt Court  
Baton Rouge, Louisiana 70809

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

David S. Eley, PE  
Principal Geotechnical  
Engineer  
deley@geoengineers.com  
225-663-1508

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

David S. Eley, PE  
Principal Geotechnical  
Engineer  
deley@geoengineers.com  
225-663-1508

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

<u>4</u> Administrative	<u>    </u> Estimators	<u>    </u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>10</u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>1</u> Civil Engineers	<u>    </u> Interior Designers	<u>    </u> Project Managers
<u>4</u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>    </u> Electrical Engineers	<u>    </u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u>1</u> Environmental Engineers	
<u>    </u> Professional Land Surveyors		<u>21</u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. See CECI's form		
2.		
3.		

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

11 (GEO)

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

David S. Eley, PE  
Principal Geotechnical Engineer

**Project Assignment:**

Principal Geotechnical Engineer  
Principal-In-Charge and possibly also Professional-In-Charge

**Name of Firm with which associated:**

GeoEngineers, Inc.

**Years' experience with this Firm:**

17

**Education: Degree(s)/Year/Specialization:**

MS/1991/Civil Engineering/University of Massachusetts  
BS/1989/Civil Engineering/Clarkson University

**Active registration: Year first registered/discipline:**

Year first registered: 1995  
Discipline: Civil LA License No. 26373

**Other experience and qualifications relevant to the proposed Project:**

David Eley is a GeoEngineers principal with more than 33 years of experience in geotechnical engineering, construction management and project management. David has been performing geotechnical investigations for shoreline protection and marsh creation projects throughout Louisiana for 18 years. David's geotechnical engineering experience includes hydraulic fill, slope stability and settlement, which are all common to coastal restoration and shoreline protection projects. In addition, he has experience acquiring Coastal Use Permits (CUPs) and Coast Guard permits for navigable waterways.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jennifer Aguetant, PE Senior Geotechnical Engineer
<b>Project Assignment:</b>
Geotechnical Engineer Professional-In-Charge
<b>Name of Firm with which associated:</b>
GeoEngineers, Inc.
<b>Years' experience with this Firm:</b>
9
<b>Education: Degree(s)/Year/Specialization:</b>
MS/2006/Civil Engineering/The University of Texas at Austin BS/2004/Civil Engineering/Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 2009 Discipline: Civil LA License No. 0035077
<b>Other experience and qualifications relevant to the proposed Project:</b>
Jennifer will serve as the Professional-in-Charge for tasks assigned under this contract, bringing a decade of engineering experience and project management at sites across Louisiana. Her combination of market expertise from oil and gas to development to all facets of coastal geotechnical engineering has contributed to her outstanding project management performance. She plays a key role in large and complex projects with her organizational skills and by maintaining constant communication with all parties involved in a project.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Denzel Flores, PE Staff Civil Engineer/Geotechnical Engineering
<b>Project Assignment:</b>
Geotechnical Engineer
<b>Name of Firm with which associated:</b>
GeoEngineers, Inc.
<b>Years' experience with this Firm:</b>
6
<b>Education: Degree(s)/Year/Specialization:</b>
BS/2018/Civil Engineering/Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
First year registered: 2018 Discipline: Civil PE License No. 149942/TX
<b>Other experience and qualifications relevant to the proposed Project:</b>
Denzel is actively involved in performing and managing many of GeoEngineers' geotechnical explorations and evaluations. Denzel has been on the forefront of over a dozen GeoEngineers projects, including many CPRA projects, performing field investigations using land-based, water-based, and amphibious drilling equipment. His capabilities include field investigations with various drilling equipment for soil borings and CPTs, and conducting laboratory tests and data interpretation. He is skilled in slope stability analyses with GeoStudio's Slope/W and USACE's Method of Planes, settlement analyses using SETANL, Settle3, traditional Boussinesq methods, and PSDDF, as well as deep foundation design with APILE, Driven, and LPILE.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Kyle Kilfian Drilling Services Manager
<b>Project Assignment:</b>
Geotechnical Investigatoin
<b>Name of Firm with which associated:</b>
GeoEngineers, Inc.
<b>Years' experience with this Firm:</b>
7
<b>Education: Degree(s)/Year/Specialization:</b>
BS/2007/Mechanical Engineering/Wright State University
<b>Active registration: Year first registered/discipline:</b>
Licensed Representative for Louisiana Water Well License No. 724
<b>Other experience and qualifications relevant to the proposed Project:</b>
Kyle Kilfian has been with GeoEngineers since 2014 and has exceled on a variety of projects involving geotechnical soil borings, environmental soil borings, construction monitoring, and cone penetration test (CPT) soundings. All field work required coordination with clients, contractors, project engineers, landowners and pipeline representatives. Kyle provides detailed daily field reports including site photographs generated to document field activities. He also oversees the fabrication and modifications of equipment depending upon project requirements and client specifications.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Dustin Blanchard Laboratory Manager
<b>Project Assignment:</b>
Geotechnical Testing
<b>Name of Firm with which associated:</b>
GeoEngineers, Inc.
<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
BS/2005/Business Marketing/Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
As an exceptional lab leader, Dustin runs an excellent client-focused lab, runs and maintains an accreditation program audited by independent outside agencies. His deep understanding of lab procedures and process improvement has enabled the Baton Rouge lab to improve quality, build efficiency and significantly reduce its backlog.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Grand Terre Beach Nourishment and Stabilization (BA-197) Jefferson Parish, Louisiana</p> <p>Louisiana Coastal Protection and Restoration Authority 150 Terrace Avenue Baton Rouge, Louisiana 70802 James McMenis (225) 342-4662</p>	<p>West Grand Terre is part of a barrier island chain that separates Barataria Bay from the Gulf of Mexico. The project is needed to address gulf shoreline erosion, diminished protection against storm surge and subsidence of back barrier marshes. GeoEngineers completed 11 soil boring and 10 cone penetration test (CPT) soundings. Lab testing and CPT were used to characterize the subgrade soils for engineering evaluations. GeoEngineers geotechnical engineering analyses included stability and settlement for rock revetment and containment dikes, settlement for back-barrier marsh creation areas, and beach and dune settlement. We divided the investigation area into several regions to optimize the design.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Engineering and Design: November 2019</p>	<p>Engineering and Design: \$2.5M</p>	<p>\$438,000</p>

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Northwest Turtle Bay (BA-125), Marsh Creation and Critical Area Shoreline Protection (BA-206), and Extension (BA-258) Jefferson Parish, Louisiana</p> <p>Louisiana Coastal Protection and Restoration Authority 150 Terrace Avenue Baton Rouge, Louisiana 70802 Thomas McLain (318) 473-7645 Tye Fitzgerald (225) 342-7308</p> <p>Trigon Associates 1515 Poydras Street, Suite 390 New Orleans, LA 70112 Regina Cassanova (504) 585-5767</p>	<p>The purpose of these projects was to create and/or nourish a combined 2,300 acres of marsh. GeoEngineers provided comprehensive geotechnical investigations and engineering recommendations to assist in the marsh creation effort starting in 2020. We drilled soil borings and/or completed CPT soundings in the marsh creation areas, borrow areas, shoreline protection areas, and terrace areas. The results from the field investigation and laboratory testing were used to estimate settlement for hydraulic marsh fill, evaluate stability for traditional containment features (dikes, sheet piling, and hay bales), evaluate stability and settlement for terraces and shoreline protection, and to estimate cut-to-fill ratios.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>2020 2023 2024</p>	<p>N/A</p>	<p>\$200,000 \$300,000 \$263,000</p>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>BA-195 Barataria Bay Rim Marsh Creation Jefferson and Plaquemines Parishes, Louisiana</p> <p>NRCS 3737 Government St. Alexandria, LA 71302 Brandon Samson, PE 318-308-1854</p>	<p>The BA-195 project is projected to create over 250 acres of marsh and nourish an additional 250 acres of marsh in the area along the north rim of Barataria Bay that has been experiencing rapid land loss. GeoEngineers completed the geotechnical investigation and provided recommendations for the construction and longevity of the marsh creation area. GeoEngineers developed and completed an in-depth field exploration plan using both soil borings and cone penetration tests (CPTs) to characterize subsurface soil conditions for the design and calculate hydraulic fill settlement versus time. The results and analyses focused on containment of dredged fill, dredge fill properties and settlement of fill. GeoEngineers developed and completed an in-depth field exploration plan using both soil borings and cone penetration tests (CPTs) to characterize subsurface soil conditions for the design and calculate hydraulic fill settlement versus time.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	N/A	\$311,000

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Caminada Headland Beach and Dune Restoration (BA-45) &amp; Back Barrier Marsh Creation (BA-171) Jefferson and Lafourche Parishes, Louisiana</p> <p>CPRA PO Box 44027 Baton Rouge, LA 70804 Shannon Haynes, 225.342.9424 shannon.haynes@la.gov</p>	<p>GeoEngineers evaluated beach settlement based on our field investigation and developed settlement curves specific to the proposed beach design profile to estimate the amount of sand fill required to maintain the desired beach and dune elevation throughout the project design life. GeoEngineers developed settlement estimate charts for the marsh creation area for both the containment dikes and the hydraulic marsh fill.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013 2016	N/A	2010-2013: \$243,000 2016: \$252,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>LA-16 Non-Rock Alternatives to Shoreline Protection Demonstration Project LaFourche, Jefferson and Iberia Parishes, Louisiana</p> <p>USDA-NRCS 3737 Government Street Alexandria, LA 71302 Brandon Samson (318) 473-7793</p>	<p>GeoEngineers, completed 12 soil borings at three different sites using a pontoon-mounted drill rig and a rigorous laboratory testing program to generate a preliminary data report for USDANRCS review within a 45-day schedule. Key project points are enlisted in the following:</p> <ul style="list-style-type: none"> <li>• Utilized field vane and laboratory vane testing to provide better soil strength design data.</li> <li>• Recovered soil samples in very soft peat and organic clay materials.</li> <li>• Worked in open water conditions with rough weather having a significant impact on drilling production.</li> <li>• Drilled at three widely spaced sites across south Louisiana.</li> <li>• Completed work on schedule and budget.</li> </ul>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2011	N/A	\$172,000

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Grand Liard Marsh and Ridge Restoration (BA-68) Plaquemines, Louisiana</p> <p>CPRA 150 Terrace St. Baton Rouge, LA 70802 Tye Fitzgerald 225-342-7308</p>	<p>GeoEngineers provided geotechnical engineering services for the investigation and design of CPRA's marsh creation and ridge habitat restoration project along the eastern bank of Bayou Grand Liard in Plaquemines Parish. The project created and restored approximately 500 acres of marsh and approximately 4 miles of ridge habitat</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2012 2015	N/A	2012: \$252,000 2015: \$30,0000

**TEC Professional Services Questionnaire**

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lake Lery Shoreline Protection (BS-16) East Plaquemines Parish, Louisiana  USDA-NRCS 3737 Government St. Alexandria, LA 71302 Brandon Samson (318) 473-7793	This project restored 6 miles of shoreline and created 400 acres of marsh for the south shoreline of Lake Lery in Plaquemines Parish. GeoEngineers completed 45 soil borings on the site using airboat- and pontoon-mounted drill rigs. GeoEngineers also provided a rigorous laboratory testing program, engineering for proposed shoreline restoration and marsh creation construction, and a report for USDA-NRCS review.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2011	N/A	\$529,000

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
LaBranche East Marsh Creation (PO-75) St. Charles Parish, Louisiana USDA-NRCS 3737 Government Street Alexandria, LA 71302 Brandon Samson (318) 473-7793	GeoEngineers, Inc. completed 16 soil borings using airboat and pontoon-mounted drill rigs. GeoEngineers also provided a rigorous laboratory testing program, engineering for a proposed 750-acre marsh creation project, and a preliminary report for USDA-NRCS review within a 90-day schedule.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2011	N/A	\$327,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Barataria Land Bridge (BA-27c) LaFourche Parish, Louisiana  USDA-NRCS 3737 Government Street Alexandria, LA 71302 Brandon Samson (318) 473-7793	GeoEngineers completed a geotechnical engineering evaluation for this NRCS project referred to as Barataria Landbridge (BA-27c) which is located approximately 8 miles south-southwest of Lafitte, Louisiana. The project aims to place rock shoreline protection along the north shoreline of Little Lake and a small portion of the southwestern shoreline of Bayou Perot where it joins Little Lake in LaFourche Parish, Louisiana. Using existing data from three reports by three different companies and NRCS ground surface data, GeoEngineers provided slope stability evaluations and settlement estimates for two rock dike sections along the Barataria Landbridge project alignment. The predominant soil was very soft gray clay, with frequent layers of very soft organic clay or peat at the surface, and some layers of silt or sand deeper in the profile. Typically the top 15-25 feet of the soil profile was slightly over-consolidated, which generally provides a bit more strength and less settlement than similar normally consolidated profiles. GeoEngineers used this data to evaluate stability and settlement to design stable shoreline protection sections that meet long-term project objectives.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013	N/A	\$51,000

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lake Ponchartrain Shoreline Protection Tangipahoa Parish, Louisiana  USDA-NRCS 3737 Government Street Alexandria, LA 71302 Brandon Samson (318) 473-7793	This shoreline protection project was located along the northwestern shoreline of Lake Pontchartrain between Pass Manchac and Tangipahoa River. The project's goal was to protect the eroding marsh shoreline from impacts of waves propagating across Lake Pontchartrain. The length of the proposed shoreline protected in this project is just less than 4 miles. GeoEngineers performed nine soil borings in 2 to 3 feet of water and extended to a depth of approximately 60 feet below existing mudline from a marsh buggy-mounted drill rig. Field and laboratory testing was performed to develop soil strength profiles and determine settlement properties. Strength profiles and settlement properties were used to complete bearing capacity, slope stability, and settlement analyses under the rock dike at various cross-sections. Recommendations included geotextile reinforcement under the dike, settlement quantities over the 20-year project life, rock dike geometry, and general site preparation and construction considerations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2011	N/A	\$120,000

**TEC Professional Services Questionnaire**

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.		
2.		
3.		
4.		

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

Jefferson Parish  
State of Louisiana

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

Signature: David S. Eley Print Name: David S. Eley  
 Title: Principal Geotechnical Engineer Date: 6/19/2024



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/11/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. David Stephen Eley  
4399 Chelsea Drive  
Baton Rouge, Louisiana 70809

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mr. David Stephen Eley</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0026373</b>	<b>09/30/2025</b>
<b>Status: Active</b>	
<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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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/18/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Jennifer E. Aguetant  
4624 Woodlake Drive  
Baton Rouge, Louisiana 70817-1926

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Ms. Jennifer E. Aguetant</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0035077</b>	<b>03/31/2026</b>	
<b>Status: Active</b>		
<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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## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 24-020, Coastal Engineering Consulting Services - Resolution No. 144205

**B. Firm Name & Address:**

Ocean Surveys, Inc.  
2720 Metairie Lawn Dr. (S-200)  
Metairie, LA 70002

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

N/A

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

N/A

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

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> 2 Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> 4 Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors		<input type="checkbox"/> 6 <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.  
N/A

2.  
N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
 YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A

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

6 (OSI)

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

David L. Bell, PG, CPG  
President

**Project Assignment:**

Marine Geologist

**Name of Firm with which associated:**

Ocean Surveys, Inc.

**Years' experience with this Firm:**

48

**Education: Degree(s)/Year/Specialization:**

M.S. / 1966 / Geological/Physical Oceanography, Florida State University  
B.S. / 1963 / Marine Geology, University of Florida

**Active registration: Year first registered/discipline:**

Year first registered: 1988  
Branch: AIPG Certified Professional Geologist  
(CPG), Professional Geologist, Louisiana 2015, LA License No. 959

**Other experience and qualifications relevant to the proposed Project:**

As a technical coordinator for Ocean Surveys, Inc., Mr. Bell is responsible for the overall design and technical approach for all geophysical, geotechnical sampling and hydrographic surveys. He is additionally responsible for technical liaison with client engineering staffs or their designated representatives to ensure cost-effective achievement of project objectives. Mr. Bell has personally directed marine surveys at a number of domestic and overseas job sites including marine geophysical and geotechnical investigations in Louisiana supporting the Caminada Headland cultural resource assessment, the Mississippi River Long Distance Sediment Pipeline investigations at Belle Chasse, as well as Timbalier Island, Grand Isle, Whiskey Island marsh creation and beach nourishment programs for the Louisiana DNR and LA-DOT (under contract to T. Baker Smith & Sons). Mr. Bell has more than 40 years experience in the acquisition and analysis/interpretation of geophysical/geotechnical surveys for coastal engineering and dredging programs. For over a decade he directed integrated multi-sensor hydrographic, marine geophysical and side scan sonar survey programs, addressing offshore sand and gravel assessment, coastal engineering and numerous cultural resources objectives.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
John D. Sullivan, PG Geophysical Program Manager
<b>Project Assignment:</b>
Geophysical/Geotechnical Surveys
<b>Name of Firm with which associated:</b>
Ocean Surveys, Inc.
<b>Years' experience with this Firm:</b>
36
<b>Education: Degree(s)/Year/Specialization:</b>
M.S. / 1988 / Geology, Georgia State University B.S / 1986 / Geology, University of North Carolina Professional Studies: Oceanography, Sea Education
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 1994 Professional Geologist, Wyoming, 1994, Professional Geologist, Delaware, 1995 Professional Geologist, Louisiana, 2015, LA License No. 726 Professional Geologist, Texas, 2019, TX License No. 13274
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Sullivan manages OSI's geophysical survey department and oversees all phases of marine survey programs including, project planning and logistics, field operations, data analysis, and final data presentations. He has managed over 300 marine geophysical and hydrographic surveys both domestically and abroad. His recent project experience includes Manager and/or Principal Investigator for numerous southeast coastal restoration projects with a particular focus on south Louisiana. His international experience includes managing geophysical surveys in Egypt, Albania, Uruguay, the Virgin Islands, and Puerto Rico.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
John R. Bean, CH Hydrographic/Geotechnical Section Manager
<b>Project Assignment:</b>
Hydrographic/Geophysical and Geotechnical Surveys
<b>Name of Firm with which associated:</b>
Ocean Surveys, Inc.
<b>Years' experience with this Firm:</b>
19
<b>Education: Degree(s)/Year/Specialization:</b>
M.S. / 2005 / Oceanography, University of Connecticut B.S. / 2002 / Coastal Studies, University of Connecticut
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 2015 NSPS (ACSM) Certified Hydrographer (#301)
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Bean manages OSI's hydrographic survey department and will support the program manager on all phases of field investigations, data analysis, and final data presentations. He conducts both hydrographic and geophysical surveys for private sector projects, the U.S. Army Corps of Engineers and the National Oceanic and Atmospheric Administration. He also processes, analyzes and presents hydrographic data acquired by OSI field teams. This processing includes single beam and multibeam sounding data, side scan imagery for target identification and seafloor mosaics and in situ tide gauge data to supplement sounding information. Mr. Bean also has experience as an oceanographer managing many of the oceanographic, coastal sciences and environmental projects. During that time, his field survey experience included current velocity, tide height, water quality and groundwater monitoring, dye tracer studies, and vibratory coring of lake and estuary sediments. These projects addressed a variety of objectives ranging from investigation of circulation patterns transporting industrial effluent to remediation of contaminated sediment.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Robert M. Wallace, CH Sr. Project Manager
<b>Project Assignment:</b>
Hydrographic/Geophysical Surveys
<b>Name of Firm with which associated:</b>
Ocean Surveys, Inc.
<b>Years' experience with this Firm:</b>
29
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 1990 / Marine Technology, University of Rhode Island
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 2007 NSPS (ACSM) Certified Hydrographer (#242)
<b>Other experience and qualifications relevant to the proposed Project:</b>
As a senior hydrographic project manager, Mr. Wallace is involved in the planning, design and acquisition of high-resolution geophysical (HRG) data to support field investigations for private and public sector projects. He is well versed in all phases of marine surveys, from field investigations, through data processing/analysis and technical report writing. He has extensive experience in vessel operation and precise navigation and holds a current USCG license for Master of inland vessels up to 100 gross tons. Prior to joining OSI, he served as Captain of numerous commercial and research vessels.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Morgan D, Barrett Sr. Vibratory Coring/Sediment Sampling Project Manager
<b>Project Assignment:</b>
Vibratory Coring/Sediment Sampling
<b>Name of Firm with which associated:</b>
Ocean Surveys, Inc.
<b>Years' experience with this Firm:</b>
11
<b>Education: Degree(s)/Year/Specialization:</b>
Carson Long Military Institute, JROTC/NDCC, 1988
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Barrett serves as Project Manager during geotechnical sampling investigations. He oversees many of OSI's sediment sampling projects requiring the use of both vibratory and gravity corers. These projects typically support sediment characterization investigations and pre-dredge environmental permitting. In addition to his sediment sampling expertise, Mr. Barrett is a skilled field engineer, adept at equipment operation and maintenance, and oceanographic data acquisition. He has vast experience in OSI vessel operation.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Chandeleur Island Restoration Project (PO-0199) -- Louisiana Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70826 Steve Dartez (225) 523-7157 For Louisiana CPRA	OSI's primary responsibility for the Project included acquisition and analysis of multi-sensor geophysical data (hydrography, magnetometer, side scan sonar, subbottom profiling) in a sediment borrow area, pump out areas, and conveyance corridors to support the LA CPRA project offshore Saint Bernard Parish, LA. All work was completed under the supervision of a Louisiana Professional Geologist. Survey operations were conducted from OSI's R/V North Cove, a 34-foot aluminum survey vessel custom built for OSI for offshore, shallow water operations.  The primary objectives of these investigations was to document current conditions and identify potential submerged archaeological resources within, and in the vicinity of, the proposed PO-0199 Project areas and to provide data needed to design a follow-up geotechnical investigation.  The results of this investigation helped to further define the previously designed borrow area (at the design level) and the proposed expansion to the borrow area (at a detailed level) as well as fulfill current permitting guidelines established by the Louisiana State Historic Preservation Office (SHPO) and other agencies overseeing the Project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Services were completed in 2024.	\$5.6M	\$495,000

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
East Bank Sediment Transport Corridor Project (BS-003) -- Louisiana Royal Engineers & Consultants 14635 S. Harrell's Ferry Road, Suite 4B, Baton Rouge, LA 70816 Alex Boudreau (225) 751-4643 For Louisiana CPRA	These investigations were performed under subcontract to Royal for the St. Bernard Parish Government (SBPG) and LA CPRA. The objective of the proposed BS-0033 Project is to use material dredged from the Mississippi River to establish a permanent earthen corridor east of the Mississippi River that stretches from Davant to Delacroix to facilitate the construction of future marsh creation projects in Breton Sound.  OSI's primary responsibility for the Project included acquisition and analysis of multi-sensor geophysical data (hydrography, magnetometer, side scan sonar, subbottom profiling) within the Davant Anchorage borrow area, a bank-to-bank bathymetric-only survey of an area inclusive of the borrow area, and identification and positioning of all above-water infrastructure nearby the borrow area (via GNSS and vessel-mounted LIDAR).  Survey operations were conducted from OSI's R/V North Cove, a 34-foot aluminum survey vessel. The primary objective of this investigation was to characterize the riverfloor and subbottom conditions, i.e., the quantity and quality of the surveyed potential sediment resource and impediments to construction. While the quantity of potential sediment resource was hoped to be divined via the geophysical survey methods, the quality of the potential resource was inferred through interpretation of the geophysical survey findings in light of the geotechnical boring results provided by a third-party geotechnical driller.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Services were completed in 2022.	Unknown to sub-consultant	\$143,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>West Grand Terre Beach Nourishment and Stabilization Project (BA-197) -- Louisiana                      Coastal Engineering Consultants, Inc.                      1211 N. Range Ave, Suite E                      Denham Springs, LA 70826                      Brett Borne (225) 523-7333                      For Louisiana CPRA</p>	<p>OSI's primary responsibility for the project included acquisition and analysis of recon level multi-sensor marine geophysical data (single beam hydrography, magnetometer, side scan sonar, subbottom profiling) within the survey areas. A recon level geotechnical investigation was also conducted. Geophysical survey operations were conducted from OSI's R/V Able II, a shallow draft 25-foot fiberglass survey vessel equipped with a fully-enclosed cabin and dual-outboard motors. The geotechnical investigation was conducted from the Gary Dean Elevator, a self-propelled 40- by 65-foot liftboat, from Elevating Boats, LLC (EBI) in Houma, LA. The objective of these surveys is to document any hazards or submerged cultural resources that might impact the project, better define potential borrow resource limits and design a recon level vibratory coring plan to groundtruth the geophysical data and characterize the sediments. OSI also conducted a detailed geophysical surveys and geotechnical sampling in subsequent phases of the project.</p> <p>Additional OSI responsibilities included developing data collections plans for all field operations, coordinating marine archaeological review of the data and detailed reporting of survey findings.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Services were completed in 2019.</p>	<p>Engineering &amp; Design Contract: \$2.5M</p>	<p>\$322,000</p>

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Terracing and Marsh Creation South of Big Mar Project (BS-0024) - Louisiana                      Providence Engineering and Environmental Group LLC                      1201 Main Street                      Baton Rouge, LA 70802                      Terral Martin (225) 766-7400                      For Louisiana CPRA</p>	<p>OSI's primary responsibility for the Project included acquisition and analysis of multi-sensor geophysical data (hydrography, magnetometer, side scan sonar, subbottom profiling) in the Lake Lery proposed borrow area and acquisition/analysis of magnetometer and sounding data along three potential access routes to support the Project. All work was completed under the supervision of a Louisiana Professional Geologist. Survey operations were conducted from OSI's R/V Echo, a 24-foot fiberglass survey vessel. The primary objectives of these investigations were to characterize the lakebed and subbottom conditions within the borrow area and the surface conditions within the three proposed access routes with a focus to identify potential obstructions that might impact the Project.</p> <p>Additional OSI responsibilities included developing a data collection plan for all field operations, coordinating with Project team for dissemination of data products, and detailed reporting of survey findings.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Services were completed in 2020</p>	<p>Unknown to sub-consultant</p>	<p>\$70,000</p>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Barataria Basin Ridge and Marsh Creation Project - Spanish Pass Increment (BA-203) -- Louisiana Baird 301 N. Main St., Suite 2200 Baton Rouge, LA 70825 Matthew Clark (225) 224-6419 For Louisiana CPRA	OSI's primary responsibility for the ongoing project included acquisition and analysis of recon level and detailed multi-sensor marine geophysical data (single beam hydrography, magnetometer, side scan sonar, subbottom profiling) within the survey areas. Geophysical survey operations were conducted from OSI's R/V Able II, a shallow draft 25-foot fiberglass survey vessel equipped with a fully-enclosed cabin and dual-outboard motors. The objective of these surveys was to document any hazards or submerged cultural resources that might impact the project, better define potential borrow resource limits and design a detailed level boring plan to groundtruth the geophysical data and characterize the sediments.  Additional OSI responsibilities included developing data collection plans for all field operations, coordinating marine archaeological review of the data and detailed reporting of survey findings.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Services were completed in 2019.	Unknown to sub-consultant	\$203,000

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Terrebonne Basin Barrier Island and Beach Nourishment Project (TE-118 and TE-143), Terrebonne and Lafourche Parishes, Louisiana. MWH Americas, Inc. 1340 Poydras St., Suite 1420 New Orleans, LA 70112 Nina Reins (MWH) 504-400-8962 For Louisiana CPRA	OSI's primary responsibility on the investigation consisted of acquisition and analysis of approximately 108 nm of multi-sensor marine geophysical data (sounding, side scan sonar imagery, marine magnetometer and subbottom profile data) and 34 twenty-foot vibratory cores at 30 locations from Ship Shoal within an area identified as a potential sand borrow area (including a 1,000 foot buffer encompassing the area) for the Project. These investigations focused on identifying obstructions and potential cultural resources within the proposed Ship Shoal borrow area and mapping and estimating the volume of sand resources available. Results of these investigations were provided to the project archaeologist to complete a marine archaeological sensitivity assessment of the areas that will be impacted by the project. All field investigations were planned and performed to meet BOEM and the Louisiana State Historic Preservation Office (LASHPO) guidelines for archaeological field surveys.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Services were completed in 2017.	Engineering & Design Contract:\$1.6M	\$732,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>West Fourchon Marsh Creation &amp; Nourishment Project (TE-134) -- Louisiana                      Coastal Engineering Consultants, Inc.                      1211 N. Range Ave, Suite E                      Denham Springs, LA 70826                      Steve Dartez (225) 523-7157                      For Louisiana CPRA</p>	<p>OSI's primary responsibility for the project included acquisition and analysis of recon level and detailed multi-sensor marine geophysical data (single beam hydrography, magnetometer, side scan sonar, subbottom profiling) within the survey area. A recon level geotechnical investigation was also conducted. Geophysical survey operations were conducted from OSI's R/V Able II, a shallow draft 25-foot fiberglass survey vessel equipped with a fully-enclosed cabin and dual-outboard motors. The geotechnical investigation was conducted from OSI's vessel R/V CanDu, a self-propelled shallow draft 36-foot by 16-foot pontoon barge.</p> <p>Additional OSI responsibilities included developing data collections plans for all field operations, coordinating marine archaeological review of the data and detailed reporting of survey findings.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Services were completed in 2017.</p>	<p>Engineering &amp; Design Contract                      \$230,000.</p>	<p>\$165,560</p>

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Shallow Water Multibeam Sonar and Side Scan Sonar Survey Services - Louisiana                      NOAA                      1315 East-West Highway                      Silver Spring, MD 20910                      Paul Turner                      (301) 713-2698</p>	<p>Hydrographic data were acquired employing a Reson 7125 multibeam echosounder and Edge-Tech 4125 and 4200-MP side scan sonars. Vessel positioning and motion/heading compensation was achieved using an Applanix POS-MV operating in DGPS mode. Multibeam data were recorded employing HYPACK while side scan sonar image acquisition was accomplished using EdgeTech Discover 4125D 5.00 and 4200-MP 4.00 software. Sound speed profile data were acquired employing an ODIM Brook Ocean Moving Vessel Profiler fitted with an AML Oceanographic SVPT sensor. Real time surface sound speed determination was accomplished using an AML MicroX (with SV Xchange sensor) affixed to the multibeam transducer. Frequent QA/QC checks of the primary sound speed sensors was accomplished by comparison of data from a third instrument, an AML BaseX fitted with SV Xchange and P Xchange sensors. All equipment is owned by OSI. Data processing for this survey was primarily accomplished using CARIS HIPS/SIPS software. However, HYPACK, Chesapeake Technologies SonarWiz, and AutoCAD were frequently employed for data QA/QC and final deliverable development.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>Services were completed in 2017.</p>	<p>\$3,288,000</p>	<p>\$3,288,000</p>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Caminada Headland Back Barrier Marsh Creation Project (BA-171) -- Louisiana                      Eustis Engineering                      3011 28th Street                      Metairie, LA 70002                      James Hance                      (504) 834-0157                      For Louisiana CPRA</p>	<p>Geotechnical sampling investigations/vibratory coring were performed in a designated offshore borrow area. A total of fifteen cores up to 30 feet in length were collected at ten sample stations. All completed cores were cut in approximate five-foot sections and stored until the vessel returned to Houma, where the cores were transferred to a Eustis representative for transport to the laboratory. Field operations were conducted from Sal Duhe Elevator, a self-propelled Class 95 liftboat owned and operated by Elevating Boats, LLC (EBI) in Houma, LA. The liftboat, with a 33 ft by 55 ft deck, is equipped with two 10-ton cranes with 60-foot booms. To acquire the cores, the OSI crew installed a pneumatic vibratory corer onboard the vessel.</p> <p>Coring was accomplished by an OSI scientific and technical crew consisting of a geologist/project manager, senior vibratory core operator and coring assistant. The OSI crew was supported by a two-man EBI liftboat crew (captain and mate). The following instruments were installed onboard the vessel to complete the investigation: Trimble SPS Differential Global Positioning System, HYPACK Navigation and Data Logging Software, and OSI Model 1500 pneumatic vibratory corer equipped with a 31.5' long 4" ID core barrel.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Services were completed in 2015.	Unknown to sub-consultant	\$90,000

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>NRDA Caillou Lake Headlands Restoration Project (TE-100), Whiskey Island, Terrebonne Parish, Louisiana.                      Coastal Engineering Consultants, Inc.                      1211 N. Range Ave, Suite E                      Denham Springs, LA 70826                      Steve Darte (225) 523-7157                      For Louisiana CPRA</p>	<p>OSI's primary responsibility on the investigation consisted of acquisition and analysis of multi-sensor marine geophysical data acquired in Ship Shoal Block 88 Borrow Area, Pipeline Conveyance Corridor connecting Ship Shoal Block 88 Borrow Area to Whiskey Island, Whiskey 3a Borrow Area, and the Pipeline Conveyance Corridor connecting Whiskey 3a Borrow Area to Whiskey Island. Results of these investigations were provided to the project archaeologists who will complete a marine archaeological sensitivity assessment of the areas that will be impacted by the project.</p> <p>The field investigations concentrated on acquiring hydrographic, subbottom profiling and magnetometer data together with side scan sonar imagery to document current conditions within the proposed borrow areas and associated pipeline conveyance corridors to the Island and will be used by others to aid in the design and permitting of the restoration project. All field investigations were planned and performed to meet or exceed BOEM and the Louisiana State Historic Preservation Office (LASHPO) guidelines for archaeological field surveys.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Services were completed in 2013	Engineering & Design Contract \$2.5M	\$667,000

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

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

Ocean Surveys, Inc. (OSI), established in 1965, is a highly responsive Small Business provider of physical oceanographic and geophysical surveying services conducted by OSI-employee scientists, engineers, and technicians having a broad range of experience working in both freshwater and marine environments. Company headquarters and OSI's Eastern Regional headquarters are located in Old Saybrook, Connecticut and a Southeast field office is located in Metairie, Louisiana.

During the past four (4) decades, OSI has supported several Louisiana coastal and riverine restoration projects requiring multi-sensor geophysical survey and geotechnical sampling (grab, probe and vibratory coring) investigations. The first such Louisiana investigation completed by OSI was the 1985-era Isle Derniers project. Subsequent investigations have included studies supporting East Timbalier, Timbalier, Grand Isle, Whiskey Island, the Caminada Headland near Port Fourchon, West Grand Terre, the Spanish Pass project and, most recently, the East Bank Sediment Transport Corridor Project, and the Chandeleur Island Restoration Project. Many of these projects had dual objectives of locating both mixed sediments for marsh creation and sand as a dune restoration material.

OSI is very familiar with and have worked in compliance with the CPRA's General Guidelines for Explorations for Offshore Sand Sources and, as documented herein, have substantial experience working in Louisiana remote marsh and barrier island settings. In recent years OSI has also completed multi-sensor geophysical and automated hydrographic survey investigations in the Mississippi River, Lake Calcasieu, more than 60 miles of the ICW, Port Eads, Venice, Buras, Empire, Pointe a la Hache, and several locations within Plaquemines Parish. OSI acquired multibeam soundings, subbottom profiling data and vibratory cores in the Mississippi River to support the Long-Distance Sediment Pipeline project from the Bayou Dupont Borrow Area near Belle Chase, LA and at more than a dozen Louisiana coastal and offshore sites supporting CPRA coastal restoration projects.

OSI has successfully completed site investigations in 38 states and 44 countries located throughout 6 continents. This experience includes surveys on bodies of water ranging from inland waterways and reservoirs to major rivers, bays and coastal environments. To date, OSI has conducted more than 3,700 marine survey programs worldwide. OSI is currently under contract to NOAA and the US Army Corps of Engineers (New York District) to provide hydrographic surveying and sediment sampling services. To efficiently support the above activities, OSI owns, operates, and maintains an extensive inventory of state of the art electronic positioning, hydrographic, oceanographic, and geophysical instrumentation, and a wide range of sediment sampling equipment.

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

Signature: *Robert M. Wallace Jr.*      Robert M. Wallace Jr.  
 2024.06.14 17:14:34 -04'00'      Print Name: Robert M. Wallace Jr.

Title: Sr. Project Manager      Date: June 14, 2024

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 24-020 to Provide Coastal Engineering Consulting Service - Resolution #144205

**B. Firm Name & Address:**

SWCA Environmental Consultants  
1651 Lobdell Ave, Building A  
Baton Rouge, LA 70806

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

N/A

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

N/A

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

<u>4</u> Administrative	<u>    </u> Estimators	<u>1</u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>    </u> Civil Engineers	<u>    </u> Interior Designers	<u>8</u> Project Managers
<u>1</u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>8</u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>    </u> Electrical Engineers	<u>    </u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>    </u> Engineer Intern	<u>    </u> Environmental Engineers	
<u>    </u> Professional Land Surveyors		<u>22</u> <b>TOTAL</b>

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

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

**TEC Professional Services Questionnaire**

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
 YES  NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1.		
2.		
3.		

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

\_\_\_\_\_

**TEC Professional Services Questionnaire**

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

**PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

See CEC

**Project Assignment:**

See CEC

**Name of Firm with which associated:**

See CEC

**Years' experience with this Firm:**

See CEC

**Education: Degree(s)/Year/Specialization:**

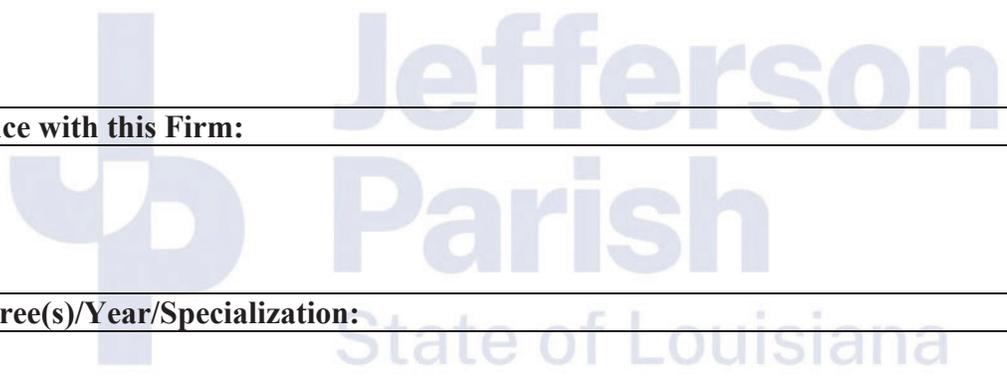
See CEC

**Active registration: Year first registered/discipline:**

See CEC

**Other experience and qualifications relevant to the proposed Project:**

See CEC



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Paul M. LeBlanc III; Project Manager/Environmental Specialist
<b>Project Assignment:</b>
Biological and Natural Resources Lead
<b>Name of Firm with which associated:</b>
SWCA Environmental Consultants
<b>Years' experience with this Firm:</b>
9
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. Renewable Natural Resources -Fisheries LSU 2004
<b>Active registration: Year first registered/discipline:</b>
LDNR Certified Oyster Biologist 2021/2022 ASTM Phase I Environmental Site Assessment Certification ArcGIS Desktop II Certification
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. LeBlanc is an Environmental Specialist in SWCA's Baton Rouge office. He has multi-disciplinary experience in natural resources and environmental services which include Phase I Environmental Site Assessment (ESAs), wetland delineations, watershed restoration assessments, threatened and endangered species surveys, preparation of NEPA documents, and liaison assistance with state and federal regulatory and resource agencies. He has conducted Phase I ESA's of more than 30 site assessments for commercial developments over the last 9 years.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Will Norman, Strategic Growth Director
<b>Project Assignment:</b>
Senior Project Manager
<b>Name of Firm with which associated:</b>
SWCA Environmental Consultants
<b>Years' experience with this Firm:</b>
6
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. Microbiology; LSU 1997 M.S. Engineering Science; LSU 2002
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Norman has 22 years of experience in the planning, development, and management of multi-disciplinary water resource projects and programs. His primary area of focus has been coastal restoration and flood protection along the Gulf Coast, including extensive experience related to CDBG, RESTORE Act, DWH Natural Resource Damage Assessment, DWH NFWF, and GOMESA policy and funding. Mr. Norman serves as Contract manager and QAQC lead for 7 Restoration Plan / Environmental Assessments where SWCA is supporting the Louisiana Coastal Protection and Restoration Authority (CPRA) with Deepwater Horizon restoration planning services. Mr. Norman is leading SWCA's support on CPRA's Mid Basin Diversion Program, where SWCA is providing Environmental Program Management Services and Natural Resource Impact analysis for CPRA's \$2 Billion Mid-Basin Sediment Diversion Program. Mr. Norman is serving as Sr. Project Manager for SWCA's sub work with CEC on the Chandeleur Island Restoration Project. He served as Subject Matter Expert in Green Infrastructure and Flood Protection for both the Phase I and Phase II NDRC Capacity Building Initiatives that the Rockefeller Foundation conducted for HUD's National Disaster Resiliency Competition. He served as program manager for the CPRA's \$30M Gustav-Ike CDBG Coastal Communities Recovery Program.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Wes Mattox, M.A., RPA, Cultural Resources Team Lead
<b>Project Assignment:</b>
Cultural Resources Lead
<b>Name of Firm with which associated:</b>
SWCA Environmental Consultants
<b>Years' experience with this Firm:</b>
12
<b>Education: Degree(s)/Year/Specialization:</b>
M.A., Anthropology; McGill University; Montreal, Québec; 2011 B.A. magna cum laude, Anthropology and History; Vanderbilt University; Nashville, Tennessee; 2004
<b>Active registration: Year first registered/discipline:</b>
Registered Professional Archaeologist No. 989615; Register of Professional Archaeologists; 2012
<b>Other experience and qualifications relevant to the proposed Project:</b>
Wes Mattox is an archaeological Principal Investigator with 16 years of experience conducting all aspects of archaeological field research, including Phase I, II, and III projects throughout the southern United States (Alabama, Arkansas, Georgia, Louisiana, Mississippi, South Carolina, Tennessee, Texas, and Oklahoma), the northeast (Ohio and West Virginia), and abroad (Belize and Bolivia). Wes has been the cultural resources lead on all of our CPRA Restoration Plan / EA work. He also has extensive experience on projects involving highway corridors, development tracts, cellphone towers, National Forests, mitigation banks, and power and pipeline projects both large and small. Wes has interacted with federal and state agencies including the Louisiana Division of Archaeology, the Texas Historical Commission, and the Galveston and New Orleans Districts of the USACE. Wes has also helped lead and disseminate archaeological research as a Principal Investigator, field director, report author, and laboratory technician. As a Registered Professional Archaeologist, Wes is permitted under the Secretary of the Interior's guidelines to conduct independent archaeological fieldwork and obtain permits.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Stephanie Healey, Lead Biologist
<b>Project Assignment:</b>
Lead Coastal/Marine Biologist
<b>Name of Firm with which associated:</b>
SWCA Environmental Consultants
<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
M.S., Marine Biology; Nova Southeastern University; Florida B.S., Biology (Evolution and Ecology); State University of New York, College at Potsdam; New York
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
Stephanie Healey has 13 years of professional consulting and project management experience throughout the southeast, mid-Atlantic, and Gulf Coast regions. Project types include traditional power such as oil and gas, renewables such as solar energy and offshore wind, coastal and terrestrial development, and National Resource Damage Assessment projects (NRDA). She is experienced in environmental permitting, applicant-side support, and third-party support through the U.S. Army Corps of Engineers (USACE), Federal Energy Regulatory Commission (FERC), the U.S. Coast Guard (USCG), and various state siting board application support. She has developed, implemented, and managed large-scale ecological survey efforts, providing field staff oversight, project-specific health and safety guidance, daily data management, and QA/QC oversight.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Allie Davis, Assistant Project Manager
<b>Project Assignment:</b>
Staff Biologist and Natural Resources Scientist
<b>Name of Firm with which associated:</b>
SWCA Environmental Consultants
<b>Years' experience with this Firm:</b>
5
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Natural Resource Ecology and Management; Louisiana State University, Baton Rouge, Louisiana; 2018
<b>Active registration: Year first registered/discipline:</b>
Certified Wetland Delineator, 2023
<b>Other experience and qualifications relevant to the proposed Project:</b>
As an environmental professional, Ms. Davis focuses most of her work on natural resources and ecology, including conducting wetland delineation, threatened and endangered (T&E) species surveys, and biological monitoring. Ms. Davis has completed various safety trainings and also has proficient knowledge in GIS software.

## TEC Professional Services Questionnaire

<b>L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Chandeleur Island Restoration (PO-0199)  Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70826 Steve Dartez (225) 523-7157 For Louisiana CPRA	SWCA, as a sub to CEC, developed and executed a seagrass survey plan to map and document the species composition and relative density of the approximate 5,000 acres of Chandeleur Island seagrass beds. SWCA also supported CEC, Louisiana's Coastal Protection and Restoration Authority and other state and federal resource agency subject matter experts to develop habitat restoration goals for nesting Kemp's ridley sea turtles and loggerhead sea turtles and seagrass beds consisting of turtlegrass, widgeongrass, shoal grass, and manatee grass.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Engineering and Design: Estimated November 2025	\$5.6M	\$515,283

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Terrebonne Basin Barrier Island and Beach Nourishment (TE-118 and TE-143)  Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70826 Steve Dartez (225) 523-7157 For Louisiana CPRA	SWCA, as a sub to CEC, provided on-site Resident Project Representative who provided on-site determinations of compliance with the Project construction plans and specifications, determination of work completed, kept detailed records of quantities of materials, maintained weather and working day reports, listed equipment on-site, and reported Construction Contractor's performance and daily activities.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2022	Engineering & Design Contract: \$1.6M Construction Administration: \$2.6M  Construction cost: \$151.3M	\$96,600

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
NRDA Caillou Lake Headlands Restoration Project (TE-100), Whiskey Island, Terrebonne Parish, Louisiana  Coastal Engineering Consultants, Inc. 1211 N. Range Ave, Suite E Denham Springs, LA 70826 Steve Darteaz (225) 523-7157 For Louisiana CPRA	SWCA was contracted by Coastal Engineering Consultants to assist in providing on-site observations during construction phase of the Caillou Lake Headlands/ Whiskey Island Restoration Project. Responsible for determinations of compliance with project construction plans and technical specifications, determination of work completed, keeping detailed records of fish and wildlife impacts, maintaining weather and working day reports, listing equipment on site, and reporting construction contractor's performance and daily activities.	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
September 2018	Engineering & Design Contract: \$2.5M Construction Administration: \$1.3M  Construction Cost: \$102.5M	\$285,000

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
CPRA Nesting Bird Surveys BA-193 Caminada Back Barrier Marsh Creation Increment II Project  Anne Howard, CPRA (225) 342-4676	Coordinated and obtained access permissions from land owners. Conducted nesting bird surveys within 400 meters of each geotechnical boring and core penetration (CPT) location as well as along the access routes within the project area. Provided ArcGIS mapping of all collected data.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2017	Engineering, Design, and Construction Est. \$24.9 million	\$40,870

**TEC Professional Services Questionnaire**

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Grand Isle Draft Biological Assessment (BA) for Sea Turtles Recreational Use and Nutrient Reduction Restoration Plan/Environmental Assessments  Anne Howard, CPRA (225) 342-4676	Provided a Draft Biological Assessment for Loggerhead, Green, Leatherback, and Kemp's Ridley Sea Turtles along Grand Isle State Park beach.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
July 2018	Est. \$508,152	\$39,000

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

**TEC Professional Services Questionnaire**

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

**TEC Professional Services Questionnaire**

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.		
2.		
3.		
4.		

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

SWCA has extensive experience supporting our Louisiana Coastal Clients with a full range of environmental services to help contribute to coastal restoration planning and design projects across Louisiana. These services have included environmental data collection, oyster surveys, habitat and vegetation surveys and studies, geological resource surveys, water quality monitoring and surveys, cultural resources services, natural resources damage assessment, and surveys of existing infrastructure/assets. Our skilled natural and cultural resources specialists include qualified professionals in the fields of biology, ecology, archaeology, architectural history, coastal engineering, air quality, geology, geomorphology, and geotechnical studies, among others.

Identifying necessary environmental and biological surveys is the cornerstone to developing a technically defensible environmental document, whether it be for purposes of preparing NEPA documents or to secure permits necessary for restoration implementation. SWCA has the capabilities to perform the studies and surveys that would accompany actions, such as, but not limited to, the following:

- Wetlands and waters of the U.S. (WOTUS) delineations
- Avian surveys
- Fish and other aquatic species surveys, such as oyster resource surveys
- Terrestrial species surveys
- Terrestrial and aquatic habitat/vegetation surveys
- Water quality surveys and analysis
- Section 7 consultations with USFWS and NMFS and preparation of BAs/BEs
- Cultural resource surveys

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

**Signature:** Will Norman Digitally signed by Will Norman  
Date: 2024.07.09 10:05:47  
-05'00'
**Print Name:** Will Norman

**Title:** Director
**Date:** 07/09/24