



State of Louisiana

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GOVERNOR

September 24, 2024

ADDENDUM I

TO: ALL POTENTIAL PROPOSERS

RE: RFP #: 3000023634, Environmental Science and Related Consulting Services

PROPOSAL DUE DATE: November 7, 2024 @ 3:00PM

I. RFP PART 2 SCOPE OF WORK/SERVICES CORRECTION

1) EXPLANATION:

- **Reposting Part 2: Scope of Work/Services due to PDF loading error.**
Proposers are to use the Scope below:

PART 2: SCOPE OF WORK/SERVICES

I. Execution of Work

The execution of work associated with this Scope of Services will be based on the issuance of task orders. The CPRA Contract Monitor will coordinate all efforts throughout the contract period, including task scopes and negotiations, and will assign tasks to the Contractor as needed. The Contractor shall perform all work required to accomplish the scope of the task order assigned by the CPRA. The Contractor shall provide all primary staff, support staff, and specialists necessary to plan, perform, supervise, and deliver the required work. The Contractor shall furnish all labor, equipment, and supplies necessary to perform the services required by each task order. The Contractor will provide an estimated cost for each task based on a scope of services provided by the CPRA Contract Monitor. For each assigned task, the Contractor shall submit an estimated time schedule, including project initiation and completion estimates, to the CPRA Contract Monitor for review and coordination with other project implementation elements.

Contractor shall provide services associated with the following categories of work which include, but are not limited to:

A. Data Analysis and Management

Tasks associated with this category shall include, but shall not be limited to, obtaining, assembling, and organizing data from a variety of sources; reviewing data, quality assurance/quality control; analyzing data; oil spill monitoring and analysis; designing and managing databases and web-based data visualization applications; developing

conclusions and making recommendations based on analyses; performing spatial analysis, assembling aerial photography and satellite imagery operating geographic information systems, and conducting remote sensing activities applicable to the protection and restoration program.

B. Environmental, Biological, Geological and Infrastructure Surveys

Tasks associated with this category shall include, but shall not be limited to, various types of environmental, biological, geological and infrastructure/asset surveys; using traditional and new techniques such as drone surveys; collecting data, or aerial photography or remote sensing applications for oyster resource, habitat, vegetation, sedimentological, geological resources, water quality, isotope, cultural resources, natural resources damage assessment, conservation servitude monitoring, and structure surveys of existing infrastructure/assets.

C. Environmental Characterization, Compliance, and HTRW

Tasks associated with this category shall include, but shall not be limited to, providing Environmental Site Assessments (ESA)/characterizations for a wide variety of coastal restoration and protection projects to perform intrusive studies where physical environmental samples are collected and analyzed to characterize the type, distribution, and extent of hazardous substances in the environment. These tasks place an emphasis on technical expertise in all phases of environmental management; chemical sampling; resource and regulatory agency coordination; investigation, planning and design for cleanup of hazardous, toxic, and radiological wastes (HTRW), debris, and other environmental contaminants; Remedial Investigations/Feasibility Studies (RI/FS); Risk Based Corrective Action (RBCA) investigations and remedial actions such as the Louisiana Risk Evaluation/Corrective Action Program (RECAP); sampling groundwater, surface soil, subsurface soil, and surface water sampling; analytical testing of water quality for parameters such as Chlorophyll a, nutrients (N, P, Si), total suspended solids; remedial design and remedial contractor oversight and habitat condition and composition characterization. Tasks may also include performing environmental technical review for CPRA as a third party reviewer for coastal projects being designed and/or constructed. The technical reviewer will evaluate environmental work plans, materials, and documentation for HTRW, attend and participate in meetings, attend site visits, and be available to assist CPRA on an as needed basis.

D. Environmental and Risk Assessment Modeling

Tasks associated with this category shall include, but shall not be limited to, developing and using various types of environmental and risk models (e.g. conceptual ecological, hydrologic, geologic, social vulnerability, socio-economic, and risk assessment models) including QA/QC of models and model outputs and support in interpretation of results. Environmental models will be used to estimate the environmental response to various parameters such as hydrology, salinity, and sediment movement. Risk models will be used to assess how changes to the coastal environment could lead to increased risk and damage from storm surge to coastal populations and assets. These models will be developed and/or run at varying spatial scales, from coast-wide to local, or even, sub-project level. Models will be particularly useful to integrate environmental functions with engineering designs;

as well as establish ecosystem responses, assess water and sediment needs, and develop protection and restoration project benefits assessments.

E. Environmental Studies and Reports

Tasks associated with this category shall include, but shall not be limited to, preparing compliance documents, such as environmental assessments and environmental impact statements to meet National Environmental Policy Act requirements; preparing Essential Fish Habitat (EFH) Assessments; preparing Biological Assessments for a wide variety of coastal restoration and protection projects, including assessing project impacts on species protected under the Migratory Bird Treaty Act, assessing project impacts on species protected under the Marine Mammals Protection Act and Endangered Species Act (ESA) Section 7 consultations; creating supporting documentation to obtain federal and state environmental permits; incorporating results of environmental surveys in reports/assessments/statements; conducting environmental site assessments; describing habitats and populations; performing ecologic analyses; preparing wetland value assessments; conducting wetland delineations; preparing environmental restoration and mitigation plans, assisting with preparation of public documents; preparing conservation management plans; formulating project environmental monitoring plans and quality assurance project plans; preparing reports on monitoring network gauge optimization; drafting operations, maintenance, monitoring, adaptive management plans; providing programmatic recommendations; rendering expert opinion; performing literature reviews; performing feasibility studies; developing and presenting reports and plans to interagency committees and other groups; evaluating projects; evaluating project alternatives; and preparing comprehensive strategy documents and policies for relevant issues including reducing coastal vulnerability to climate change.

F. Natural Resources Socioeconomics

Tasks associated with this category shall include, but shall not be limited to, estimating protection and restoration project costs; developing ecosystem service metrics; performing natural resources socioeconomic assessments and analyses (e.g., economics, benefit-cost, financial, and market analysis); nonstructural risk reduction planning; performing environmental damage appraisals, conducting ecological risk assessments, and trade-off analyses; developing project-related databases and structure inventories; preparing projections of economic and socioeconomic phenomena; identifying area and regional social and economic natural resources profiles; conducting relevant surveys (recreational use, public opinion, etc.); preparing reports, plans, and presentations; formulating project socioeconomic monitoring plans and quality assurance project plans; and providing recommendations as requested.

G. Nesting Bird Abatement

CPRA may require on-site nest bird abatement activities by personnel experienced in nesting bird ecology, where nesting bird surveys indicate nesting activities are a possibility, and construction is imminent. The tasks associated with this category shall include, but shall not be limited to, conducting various types of nesting bird surveying, assess breeding conditions on site, documentation, and reporting. Also included could be the implementation of approved bird abatement techniques, such as reflective flagging, colorful fencing, reflective windsocks, predator decoys (owl, hawk, coyote, etc.), continual human presence or trained canines, and noisemaking devices as needed in project areas to keep the construction area free from nesting birds. Additionally, personnel will document efforts and effects of implemented actions. Communications and coordination with CPRA personnel, CPRA contractors, and landowners will be required. Conducting daily documentation and reporting of the extent and type of abatement that has occurred will also be required.

H. Water Resources Planning, Project, and Program Management

Tasks associated with this category shall include, but shall not be limited to, planning protection and restoration projects, coordination and management at the project, ecosystem, and program levels. This shall include plan formulation; logistical planning; planning for ground water and surface water; formulating project conceptual design and development; evaluating project alternatives; identifying potential coastal wetland restoration projects; incorporating lessons learned into future project planning (i.e., adaptive management); performing literature reviews; preparing reports, plans, and presentations; providing recommendations for water resources program management strategies; planting herbaceous and/or woody vegetation for coastal forest conservation servitudes, restoration, mitigation or other projects; providing science and risk reduction communication, graphic design, and outreach and engagement services as well as planning and facilitating meetings, developing annual plans; developing programmatic coastal master plans including incorporation of societal, economic and ecological resilience strategies and indicators and providing project and program management support for state and federally funded protection and restoration programs.

I. Invasive Species Management and Control

Tasks associated with this category shall include, but shall not be limited to conducting activities associated with management/control of primarily vegetative invasive and/or nuisance species in coastal forest, marsh, and aquatic habitats. Tasks shall include, but shall not be limited to, drafting invasive species management and control plans; monitoring for presence and abundance of invasive and/or nuisance species; managing and controlling for terrestrial and aquatic invasive and/or nuisance species via mechanical, chemical, and/or biological treatment methods; planting preferred herbaceous or woody vegetative species, and reporting on effectiveness of applied treatments.

J. Meetings/Reporting Requirements

The Contractor will be required to attend meetings as requested by CPRA. The contractor shall be required to submit reports as indicted in Attachment III: Sample Contract, Articles 4, 10, 35.

END OF ADDENDUM I