

Little Lagoon Living Shoreline Project

Notice of Funding Opportunity Number: F19AS00267

Federal Program: Department of the Interior, United States (U.S.) Fish and Wildlife Service, Deepwater Horizon Gulf Restoration Office

Catalog of Federal Domestic Assistance (CFDA) Number

15.658 Natural Resource Damage Assessment, Restoration, and Implementation

Authorizing Legislation:

Federal Water Pollution Control Act, 33 U.S.C §§1251-1387

Oil Pollution Act, 33 U.S.C. §2701 et seq.

Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C §9601, et seq.

Fish and Wildlife Act, 16 U.S.C §742 et seq.

15.678 Cooperative Ecosystem Studies Units (CESU)

Authorizing Legislation:

Fish and Wildlife Coordination Act, 16 U.S.C. §§661-666

Endangered Species Act, 16 U.S.C. §1531 et seq.

Fish and Wildlife Conservation Act, 16 U.S.C. §2901 et seq.

Fish and Wildlife Act, 16 U.S.C. §742 et seq.

Migratory Bird Treaty Act, 16 U.S.C §703 et seq.

Coastal Barrier Resources Act, 16 U.S.C. §3501 et seq.

Public Lands Corps Act - Public Lands Corps, 16 U.S.C. §§1721-1726.

Paperwork Reduction Act Statement: We are collecting this information in accordance with the authorizing legislation identified above. Your response is required to obtain or retain a benefit. We will use the information you provide to conduct a competitive review and select projects for funding and, if awarded, to evaluate performance. We may not conduct or sponsor and you are not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget (OMB) control number. We estimate that it will take you on average about 40 hours to complete an initial application, about 3 hours to revise the terms of an award, and about 8 hours per report to prepare and submit financial and performance reports, including time to maintain records and gather information. Actual time for these activities will vary depending on program-specific requirements. You may send comments on the burden estimate or any other aspect of this information collection to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, MS BPHC, 5275 Leesburg Pike, Falls Church, VA 22041-3803.

OMB Control Number: 1018-0100 (Expiration Date: 7/31/2021)

I. Program Description

The U.S. Fish and Wildlife Service (Service) intends to award one single source cooperative agreement to Mississippi State University (MSU) through the Gulf Coast Cooperative Ecosystem Study Unit (CESU).

Through this agreement, Dr. Eric Sparks and his team will assist the Service with efforts to restore the

injury sustained by Service trust resources as a result of the 2010 oil spill caused by the fire and explosion of the *Deepwater Horizon* (DWH) drilling rig. This project is funded by the Alabama Trustee Implementation Group (TIG), which is one of the 7 TIGs established as part of the DWH Natural Resource Damage Assessment (NRDA). The Alabama TIG is comprised of state and federal agencies and is responsible for restoring the injured resources within the State of Alabama. This project will partially restore the injury to federally managed lands by improving habitat.

This project is located in Little Lagoon, Gulf Shores, Alabama, and it aims to restore a minimum of 2,200 feet of shoreline adjacent to Bon Secour National Wildlife Refuge (Refuge). The project would include: evaluation, planning, implementation, monitoring and adaptive management of a living shoreline project. Little Lagoon is a shallow body of water, 10 miles long and 0.5 mile wide on the north side of the Gulf of Mexico on the Alabama coast. Its brackish water is a mix of overflow from the mostly fresh water Lake Shelby and salt water from the Gulf of Mexico that enters through the Little Lagoon Pass in Gulf Shores, Alabama. This stabilization project on the Refuge would reduce erosion of adjacent endangered Alabama beach mouse habitat and create storm resilient and biologically productive shoreline habitat.

A living shoreline uses natural materials rather than hardened structures or barriers, strategically placed to provide protective erosion control management to restore natural habitat, functions, and processes. Living shoreline quantity and quality in Little Lagoon has been severely affected by ever-increasing population density and shoreline modifications such as bulkheads and piers. It is estimated that more than 50% of Little Lagoon has a hardened shoreline. Of the remaining 50% of Little Lagoon that is unhardened, two-thirds can be found in the boundary of the Refuge. Ultimately, Little Lagoon is showing signs of stress from the reduction of natural shorelines, inadequate flushing, high bacteria levels in parts of the lagoon, and increasingly frequent and dense harmful algal blooms. Nutrient sources are significant and should be remediated through techniques such as nutrient removal via natural vegetation and filter feeders (mussels) that can both be found in functioning living shorelines. Shoreline loss/erosion is another chronic issue along Little Lagoon. Although efforts to keep oil out of the lagoon during the DWH oil spill were successful, some unintended consequences were noted. Heavy rainfall during the latter part of the multiple pass closure period resulted in high water, contributing to shoreline erosion.

The Service intends to partner with MSU to conduct a shoreline restoration project to create at least 2,200 feet of living shoreline along the southwestern shore of Little Lagoon. The portion of Pine Beach road adjacent to this section of shoreline has been frequently undermined and/or washed out as a result of shoreline erosion, few viable options exist to move/repair the road because of adjacent Alabama beach mouse and wetland habitats.

Restoration would include a combination of evaluation, planning, and implementation of a living shoreline project. The specifics of the living shoreline project would be finalized during the evaluation and planning process. Shoreline grass planting (*Spartina alterniflora* and *Juncus roemerianus*), and placement of wave attenuation structures. The recipient will work with the Service to accomplish the following tasks:

- 1) Perform a site assessment to determine the best living shoreline technique to employ
- 2) Provide guidance and assistance during installation
- 3) Conduct post-construction monitoring

Task 1

The pre-construction site assessment will include a wave energy assessment, a historical shoreline erosion assessment, shoreline vegetation survey, establish fixed monitoring plots, establish aerial imagery tracks, and a shoreline elevation map. Another component of the pre-construction assessment will be the planting of at least 10 pilot plots, spread across the entire project site and in at least two different planting arrangements (i.e., 50% spaced or clumped). This pilot planting will also inform restoration design by determining the ideal planting design across the project area.

Pre-construction assessment information will be used to develop a living shoreline strategy and project layout that will include a list of materials and quantities needed to construct.

Task 2

The recipient will work with the Service to provide guidance during the construction phase of this project; ensuring that materials are placed in the appropriate locations. The recipient will work with their associated groups to supply volunteers to assist with installation and planting.

Task 3

The recipient will work with the Service to implement to TIG approved project Monitoring and Adaptive Management Plan. The plan includes the following parameters:

- 1) Structural Integrity of Constructed Features
- 2) Vegetation Percent Cover and Composition
- 3) Shoreline Position
- 4) Sediment Accretion

Structural integrity of constructed features – will be assessed through visual surveys and photographs to ensure that all constructed features remain in place. This parameter will be measured immediately post construction and annually for the next two years. Additionally, this parameter will be assessed following any major storm, high water event, or strong easterly wind.

Vegetation percent cover and composition – will be assessed through the use of at least seven 1 m² plots which will be surveyed immediately prior to construction, immediately post-construction, and annually for two years post- construction. Additionally, vegetation across the entire site will also be assessed via drone footage collected following fixed survey routes.

Shoreline position – will be measured using high accuracy GPS (e.g. RTK GPS) taking continuous measurements. Shoreline position will be measured immediately prior to constructions, immediately post-constructions, and annually for two years post-construction.

Sediment accretion – will be measured through bathymetric surveys conducted along at least 12 transects from the upland edge of the project to the seaward most section of the living shoreline feature. This parameter will be measured immediately prior to construction, immediately post-construction, and annually for two years post-construction.

Department of the Interior Financial Assistance Priorities

This project will meet the Department of the Interior's financial assistance priorities by "Creating a conservation legacy second only to Teddy Roosevelt" by utilizing science to identify best practices for

land and water management; and “Restoring trust with local communities” by being a good neighbor and working with those who are closest to our borders.

II. Federal Award Information

The Service intends to award a single source cooperative agreement to MSU through the Gulf Coast CESU to implement the NRDA-funded Little Lagoon Living Shoreline Project. The intent of the Service is to issue a single source award to MSU as the only institution possessing the unique qualifications necessary to implement this project. Dr. Eric Sparks (MSU – Coastal Research and Extension Center) is uniquely qualified to conduct this project based on his extensive experience with living shorelines along the Mississippi and Alabama coast. Dr. Sparks has also assembled a robust multi-organizational team that will further enhance the quality of the project. Dr. Brett Webb of the University of Southern Alabama (USA) is a civil and coastal engineer with extensive experience in living shoreline design; he will be able to assist with the initial site assessment and development of a design well suited for our project site. To round out his team, Dr. Sparks has brought on Mary Kate Brown with The Nature Conservancy (TNC). Ms. Brown is a marine biologist with extensive local experience in coastal restoration in southern Alabama. To conduct this project, the Service intends to make a single award of up to \$90,000 over 3 years.

The Service will be substantially involved in the project. In particular, the Service will be responsible for the following:

- Participate and collaborate jointly with the recipient in carrying out the scope of work by assigning federal personnel; to work collaboratively on the project effort.
- Provide technical guidance and Refuge specific information
- Direct or re-direct work as a result of other interrelated projects or management activities.

III. Eligibility Information

A. Eligible Applicants

Applicants must be associated with a CESU Network institution. Associated institutions must be: Federal, State (includes District of Columbia, public institutions of higher education and hospitals), Local (includes State-designated Indian Tribes, excludes institutions of higher education and hospitals), Other public institution/organization, State, Native American Organizations (includes Indian groups, cooperatives, corporations, partnerships, associations).

B. Cost Sharing or Matching

There is no cost sharing or matching requirement.

C. Other Eligibility Criteria

No additional eligibility criteria

Unique Entity Identifier and System for Award Management (SAM.gov) Registration: This requirement does not apply to individuals applying for funds as a private citizen (i.e., unrelated to any business or nonprofit organization you may own or operate in your name) or any entity with an exception approved by the Service under [2 CFR 25.110\(d\)](#). All other applicants are required to obtain a Data Universal Numbering System (DUNS) number from Dun & Bradstreet and then register in SAM.gov prior to submitting a Federal award application. Federal award recipients must continue to maintain an active SAM.gov registration with current information through the life of their Federal

award(s). See the “[Submission Requirements](#)” section of this document below for more information on SAM.gov registration. The Service may not make a Federal award to an applicant that has not completed the SAM.gov registration. If an applicant selected for funding has not completed their SAM.gov registration by the time the Service is ready to make an award, the program may determine that the applicant is not qualified to receive an award. The program can use that determination as a basis for making an award to another applicant.

Prohibition on Issuing Awards to Entities that Require Certain Internal Confidentiality

Agreements: Domestic (U.S.) non-Federal entities requiring their employees or contractors to sign internal confidentiality agreements or statements that prohibit, or otherwise restrict, such employees or contractors from lawfully reporting waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information are not eligible to compete for or receive a Federal award. See [Pub. L. 113-235, Title VII, Division E, Section 743](#) for more information.

Excluded Parties: The Service conducts a review of the SAM.gov Exclusions database for all applicant entities and their key project personnel prior to award. The Service cannot award funds to entities or their key project personnel identified in the SAM.gov Exclusions database as ineligible, prohibited/restricted or otherwise excluded from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits, as their ineligibility condition applies to this Federal program.

IV. Application Requirements

Application Form and Content Requirements

Applicants must submit the following:

1. SF-424, Application for Federal Assistance

Applicants must submit the appropriate Standard Form (SF)-424, Application for Federal Assistance. Individuals applying as a private citizen (i.e., unrelated to any business or nonprofit organization you may own or operate in your name), must complete the [SF-424, Application for Federal Assistance-Individual](#) form. All other applicants must complete the standard [SF-424, Application for Federal Assistance](#). All of the required application forms are available on the “Packages” tab of this Funding Opportunity on Grants.gov. The SF-424, Application for Federal Assistance must be complete, and signed and dated. Please note: Enter only the amount requested from this Federal program in the “Federal” funding box on the SF-424 Application form. Include any other Federal sources of funding in the “Other” box, and provide details on those Federal source(s) and funding amount(s) in the required Budget Narrative (see the “Budget Narrative” section below).

2. SF 424, Assurances

Applicants must submit the appropriate signed and dated Assurances form. Complete either the [SF-424B, Assurances for Non-Construction Programs](#) or the [SF-424D, Assurances for Construction Programs](#), as applicable to your project. All of the required application forms are available on the “Packages” tab of this Funding Opportunity on Grants.gov. The SF-424 Assurances forms include a statement that some of the assurances may not be applicable to your organization and/or your project or program. Signing the required SF-424 Assurances form does not make you or your organization subject to laws that are otherwise not applicable to you

or your organization. Changing, crossing out, or making notations on the form before signing has no impact on the applicability of law.

3. Project Narrative

Applicants must submit a project narrative that includes the following information:

- Project title
- Goals and objectives
- Activities
- Methods
- Timetable or milestones;
- Information on key project personnel
- Roles and responsibilities

4. SF-424, Budget Information

Applicants must submit the appropriate SF-424 Budget Information form. Complete either the [SF-424A, Budget Information for Non-Construction Programs](#) or the [SF-424C, Budget Information for Construction Programs](#), as applicable to your project. All of the required application forms are available on the “Packages” tab of this Funding Opportunity on Grants.gov. Federal award recipients and subrecipients are subject to Federal award cost principles as detailed in the Service’s [“Financial Assistance Award Terms and Conditions”](#). Please note: Show funds requested from this Federal program separately from any other Federal sources of funding. In the “Budget Summary” section, use the first row for funding requested from this Federal program. Use subsequent row(s) for other Federal funding. Enter each Federal program’s CFDA number(s) in the corresponding fields on the form. The CFDA number(s) for this Federal program appears on the first page of this Funding Opportunity.

5. Budget Narrative

Describe and justify requested budget items and costs. Detail how the SF-424 Budget Information, Object Class Category totals were determined. For personnel salary costs, include the baseline salary figures and the estimates of time. Describe any item of cost that requires prior approval under the Federal cost principles. See [2 CFR 200.407](#) “Prior written approval (prior approval)” for more information. If equipment purchased previously with Federal funds is available for the project, provide a list of that equipment and identify the Federal funding source

6. Indirect Costs: Individuals

Individuals applying for and receiving funds separate from a business or non-profit organization he/she may operate are not eligible to charge indirect costs to their award. If you are an individual applying for funding, do not include any indirect costs in your proposed budget and skip the next section.

7. Indirect Costs: Organizations

The Federal awarding agency that provides the largest amount of direct funding to your organization is your cognizant agency for indirect costs, unless otherwise assigned by the White House Office of Management and Budget (OMB). If the Department of the Interior is your organization’s cognizant agency, the Interior Business Center will negotiate your indirect cost rate. Contact the Interior Business Center by phone 916-930-3803 or using the [IBC Email Submission Form](#). See the [IBC Website](#) for more information.

Organizations must have an active Federal award before they can submit an indirect cost rate proposal to their cognizant agency. Failure to establish an approved rate during the award period renders all costs otherwise allocable as indirect costs unallowable under the award. Recipients must have prior written approval from the Service to use amounts budgeted for direct costs to satisfy cost-share or match requirements or to cover unallowable indirect costs. Recipients shall not shift unallowable indirect costs to another Federal award unless specifically authorized to do so by legislation.

Required Indirect Cost Statement

All organizations must include the applicable statement from the following list in their application to the Service, and attach to their application any documentation identified in the applicable statement:

We are:

- ☐ A U.S. state or local government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of [insert rate]. We submit our indirect cost rate proposals to our cognizant agency. Attached is a copy of our most recently approved rate agreement/certification.
- ☐ A U.S. state or local government entity receiving less than \$35 million in direct Federal funding with an indirect cost rate of [insert rate]. We have prepared and will retain for audit an indirect cost rate proposal and related documentation.
- ☐ A [insert your organization type; U.S. states and local governments, please use one of the statements above or below] that has previously negotiated or currently has an approved indirect cost rate with our cognizant agency. Our indirect cost rate is [insert rate]. [Insert either: "Attached is a copy of our most recently approved but expired rate agreement. In the event an award is made, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award is made." or "Attached is a copy of our current negotiated indirect cost rate agreement."]
- ☐ A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency. Our indirect cost rate is [insert rate]. If we receive an award, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award date.
- ☐ A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is lower than 10%. Our indirect cost rate is [insert rate; must be lower than 10%]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat indirect cost rate of [insert rate; must be lower than 10%] against [insert a clear description of the direct cost base against which your rate is charged (e.g., salaries; salaries and fringe benefits; or modified total direct costs)]. However, please note that your organization cannot charge indirect costs in excess of the indirect costs that would be recovered if applied against modified total direct costs as defined in [2 CFR 200.68](#). We understand that we must notify the Service in writing if we establish an approved rate with our cognizant agency at any point during the award period.

- ☐ A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is 10% or higher. Our indirect cost rate is [insert your organization's indirect rate; must be 10% or higher]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat *de minimis* indirect cost rate of 10% to be charged against modified total direct project costs as defined in [2 CFR 200.68](#). We understand that we must notify the Service in writing if we establish a negotiated rate with our cognizant agency at any point during the award period. We understand that additional Federal funds may not be available to support an unexpected increase in indirect costs during the project period and that such changes are subject to review, negotiation, and prior approval by the Service.
- ☒ A University that is submitting this proposal for consideration under the Cooperative Ecosystem Studies Unit Network, which has a Department of the Interior-approved indirect cost rate cap of 17.5%. If we have an approved indirect cost rate with our cognizant agency, we understand that we must apply this reduced rate against the same direct cost base as identified in our approved indirect cost rate agreement. If we do not have an approved indirect cost rate with our cognizant agency, we understand that we must charge indirect costs against the modified total direct cost base defined in 2 CFR 200.68 "Modified Total Direct Cost (MTDC)". We understand that we must request prior approval from the Service to use the 2 CFR 200 MTDC base instead of the base identified in our approved indirect cost rate agreement. We understand that Service approval of such a request will be based on: 1) a determination that our approved base is only a subset of the MTDC (such as salaries and wages); and 2) that use of the MTDC base will still result in a reduction of the total indirect costs to be charged to the award. In accordance with 2 CFR 200.405, we understand that indirect costs not recovered due to a voluntary reduction to our federally negotiated rate are not allowable for recovery via any other means.
- ☐ A [insert your organization type] that will charge all costs directly.

8. Conflict of Interest Disclosure

Applicants must state in their application if any actual or potential conflict of interest exists at the time of submission. Conflicts of interest include any relationship or matter that might place the recipient, including their employees and subrecipients, in a position of conflict, real or apparent, between their responsibilities under the award and any other outside interests. Conflicts of interest include direct or indirect financial interests; close personal relationships; positions of trust in outside organizations; consideration of future employment arrangements with a different organization; and decision-making authority related to the proposed project. Conflicts of interest are those circumstances real or perceived that would cause a reasonable person with knowledge of the relevant facts to question the impartiality of the applicant, or the applicant's employees or subrecipients, in matters pertaining to the proposed project. Applicants may not solicit, obtain, or use non-public information that may be of competitive interest to the entity, including information regarding the funding opportunity, evaluation, award, or administration of an award to the entity. Applicants must notify the Service in writing in their application if any employees, including subrecipient and contractor personnel, are related to, married to, or have a close personal relationship with any Federal employee in the Federal program receiving this application or who otherwise may be involved in the review and

selection of their proposal. The term employee means any individual to be engaged in the performance of work pursuant to the Federal award application. Applicants may not have a former Federal employee as a key project official, or in any other substantial role for the proposed project, whose participation puts them out of compliance with the legal authorities addressing post-Government employment restrictions. See the U.S. Office of Government Ethics' website at <https://oge.gov/> for more information on these restrictions. The Service will examine each conflict of interest disclosure based on its particular facts and the nature of the proposed project and will determine whether a significant potential conflict exists. If it does, the Service may work with the applicant to determine an appropriate resolution. Failure to disclose and resolve conflicts of interest in a manner that satisfies the Service may result in the rejection or disqualification of the application.

9. Single Audit Reporting Statement

All U.S. states, local governments, federally recognized Indian tribal governments, and non-profit organizations expending \$750,000 USD or more in Federal award funds in the applicant's fiscal year must submit a Single Audit report for that year through the [Federal Audit Clearinghouse's Internet Data Entry System](#). U.S. state, local government, federally recognized Indian tribal government, and non-profit applicants must state if your organization was or was not required to submit a Single Audit report for the most recently closed fiscal year. If your organization was required to submit a Single Audit report for the most recently closed fiscal year, provide the EIN associated with that report and state if it is available through the [Federal Audit Clearinghouse](#) website.

10. Certification Regarding Lobbying

Applicants requesting more than \$100,000 in Federal funding must certify to the statements in [43 CFR Part 18, Appendix A-Certification Regarding Lobbying](#). If this application requests more than \$100,000 in Federal funds, the Authorized Official's signature on the appropriate [SF-424, Application for Federal Assistance](#) form also represents the entity's certification of the statements in 43 CFR Part 18, Appendix A.

11. Disclosure of Lobbying Activities

Applicants and recipients must not use any federally appropriated funds (annually appropriated or continuing appropriations) or matching funds under a Federal award to pay any person for lobbying in connection with the award. Lobbying is influencing or attempting to influence an officer or employee of any U.S. agency, a Member of the U.S. Congress, an officer or employee of the U.S. Congress, or an employee of a Member of the U.S. Congress connection with the award. Applicants and recipients must complete and submit the [SF-LLL, Disclosure of Lobbying Activities](#) if the Federal share of the proposal or award is more than \$100,000 and the applicant or recipient has made or has agreed to make any payment using non-appropriated funds for lobbying in connection with the application or award. The SF-LLL form is available on the "Packages" tab of this Funding Opportunity on Grants.gov. [See 43 CFR, Subpart 18.100](#) for more information on when additional submission of this form is required.

12. Overlap or Duplication of Effort Statement

Applicants must provide a statement indicating if there is any overlap between this Federal application and any other Federal application, or funded project, in regards to activities, costs, or time commitment of key personnel. If no such overlap or duplication exists, state, *"There are no overlaps or duplication between this application and any of our other Federal applications or*

funded projects, including in regards to activities, costs, or time commitment of key personnel". If any such overlap exists, provide a complete description of overlaps or duplications between this proposal and any other federally funded project or application in regards to activities, costs, and time commitment of key personnel, as applicable. Provide a copy of any overlapping or duplicative proposal submitted to any other potential funding entity and identify when that proposal was submitted, to whom (entity name and program), and when you anticipate being notified of their funding decision. When overlap exists, your statement must end with "We understand that if at any time we receive funding from another source that is duplicative of the funding we are requesting from the U.S. Fish and Wildlife Service in this application, we will immediately notify the U.S. Fish and Wildlife Service point of contact identified in this Funding Opportunity in writing."

13. APPLICATION CHECKLIST

- ☐ **SF-424, Application for Federal Assistance or Application for Federal Assistance-Individual**
- ☐ **SF-424B or D, Assurances**
- ☐ **Project Narrative**
- ☐ **SF-424A or C, Budget Information**
- ☐ **Budget Narrative**
- ☐ **Indirect Cost Statement and related documentation (when applicable)**
- ☐ **Conflict of Interest Disclosure (when applicable)**
- ☐ **Single Audit Reporting Statement (when applicable)**
- ☐ **SF-LLL, Disclosure of Lobbying Activities (when applicable)**
- ☐ **Overlap or Duplication of Effort Statement**

Failure to provide complete information may cause delays, postponement, or rejection of the application.

V. Submission Requirements

A. Unique Entity Identifier and System for Award Management (SAM.gov) Registration

These requirements do not apply to any individual applying for funds as a private citizen or any entity with an exception approved by the Federal awarding agency under [2 CFR 25.110\(d\)](#). All other applicants are required to obtain a Data Universal Numbering System (DUNS) number from Dun & Bradstreet and provide that number in the application; complete SAM.gov registration before submitting an application; and continue to maintain an active SAM.gov registration with current information at all times when the entity has an active Federal award or application under consideration. **There is NO COST to register with Dun & Bradstreet or SAM.gov.** There are third-party vendors who will charge a fee in exchange for registering entities with Dun & Bradstreet and SAM.gov; **please be aware you can register and request help for free.**

1. Obtain a DUNS Number

Request a DUNS Number through the [Dun & Bradstreet website](#). The official website address is <http://fedgov.dnb.com/webform>. For technical difficulties, send an email to the [D&B SAM Help Desk](#). Please ensure that you are able to receive emails from SAMHelp@dnb.com. The [Grants.gov "Obtain a DUNS Number" webpage](#) also provides detailed instructions. Once assigned a DUNS number, your organization must maintain up-to-date information with Dun &

Bradstreet. Applicants must enter their DUNS number in the “Organizational DUNS” field on the [SF-424, Application for Federal Assistance](#) form.

2. Register with SAM

Register on the [SAM.gov website](#). The official website address is <http://www.sam.gov>. The “Help” tab on the website contains User Guides and other information to assist you with registration. The [Grants.gov Register with SAM” webpage](#) also provides detailed instructions. You can also contact the supporting [Federal Service Desk](#) for help registering in SAM. Once registered in SAM, entities must renew and revalidate their SAM registration at least once every 12 months from the date previously registered. Entities are strongly encouraged to revalidate their registration as often as needed to ensure their information is up to date and reflects changes that may have been to the entity’s DUNS or IRS information. Foreign entities who want to receive payment directly to a U.S. bank account must enter and maintain valid, current banking information in SAM.

B. Submission Dates and Times

N/A

C. Intergovernmental Review

Prior to application submission, U.S. state and local government applicants should visit the [OMB Office of Federal Financial Management website](#) and view the “State Point of Contact (SPOC) List” to determine whether their application is subject to the state intergovernmental review process under Executive Order (E.O.) 12372 “Intergovernmental Review of Federal Programs.” States not on the list do not participate in the intergovernmental review process, and therefore do not have a SPOC. If you are located within a State that does not have a SPOC, you may send application materials directly to a Federal awarding agency. If your state is on the list, contact the designated entity for more information on the state’s prior review requirements for Federal assistance applications.

D. Funding Restrictions

None

E. Submission Instructions

This program encourages applicants to submit their applications online through Grants.gov. Follow these steps to apply through Grants.gov.

1. Register with Grants.gov

Applicants must first [register an account with Grants.gov](#) and complete all steps of the registration process before they can apply through Grants.gov. Grants.gov registration requires the entity to create an account, create an account profile, and establish authorized profile roles, including the applicant’s authorized representative. Registration can take three to five business days or longer, if you do not complete the required steps in a timely manner.

2. Grants.gov Workspace Application

Grants.gov applicants apply online using Workspace. Workspace is a shared, online environment where members of a grant team may simultaneously access and edit different webforms within an application. For each funding opportunity announcement, you can create individual instances of a workspace. To apply, the applicant will [create, complete, and submit a](#)

[Workspace application package for this Funding Opportunity directly on Grants.gov](#). Grants.gov recommends submitting your application package at least 24-48 hours prior to the close date to allow time to correct any potential technical issues that may disrupt the application submission. When attaching files to the Grants.gov application, please do not assign file names longer than 20 characters, including spaces. File names longer than 20 characters will prevent your application received by Grants.gov from automatically downloading into the Service's financial assistance management system. Applicants using slow internet, such as dial-up connections, should be aware that the transmission of the application to Grants.gov takes time. Grants.gov sends either an error message or a "successfully received" message by email to the applicant's authorized representative once the transmission is complete. Please do not end the transmission process before receiving that message.

3. Proof of Timely Submission

Grants.gov automatically generates an electronic date and time stamp in the system upon application receipt. Grants.gov sends an acknowledgement of receipt with the date and time stamp and a unique Grants.gov application tracking number to the authorized representative by email. This email from Grants.gov serves as your proof of timely submission.

VI. Application Review Information

A. Criteria

The successful recipient must have: extensive experience designing and constructing living shorelines in coastal Alabama; detailed knowledge of local habitat and shoreline dynamics, extensive experience monitoring living shoreline projects to ensure successful project implementation and habitat restoration.

B. Review and Selection Process

During the planning process for the Alabama Restoration Plan II and EA, the TIG's initial screening process assessed projects related to: the restoration of wetland, coastal, and nearshore habitat; habitat projects on federally managed lands; nutrient reduction (nonpoint source); sea turtles; marine mammals; birds; and oysters. For projects meeting addressing these restoration areas, the TIG screened them against the Oil Pollution Act (OPA) project criteria. The preferred restoration alternatives proposed for Restoration Type funding in this final RP II/EA include (1) projects proposed for implementation under this plan, (2) E&D projects, and (3) data collection projects intended to inform and enhance future DWH natural resource restoration efforts. Those projects not selected as preferred restoration alternatives proposed for Restoration Type funding under this RP II/EA were then considered for potential MAM funding by the AL TIG. The Little Lagoon Living Shoreline Project was selected as a preferred alternative as it meets the TIG's goals of restoring habitat on federally managed land, and as a project proposed for implementation under the Alabama Restoration Plan II/EA.

For this project to be successful, the Service requires a partner with extensive knowledge of local shoreline processes and their measurements, the proper use and successful implementation of living shoreline techniques, coastal engineering, and coastal monitoring. The team assembled by Dr. Sparks has a diverse suite of specialties and experience, it is unlikely another entity could provide the same level of specialized experience.

Prior to award, the Service will review any applicant statement regarding potential overlap or duplication between the project to be funded and any other funded or proposed project in terms of

activities, funding, or time commitment of key personnel. Depending on the circumstances, the Service may request modification to the application, other pending applications, or an active award, as needed to eliminate any duplication of effort, or the Service may choose not to fund the selected project.

The Service may not make a Federal award to an applicant that has not completed the SAM.gov registration. If an applicant selected for funding has not completed their SAM.gov registration by the time the Service is ready to make an award, the program may determine that the applicant is not qualified to receive an award. The program can use that determination as a basis for making an award to another applicant.

Prior to award, the Service will evaluate the risk posed by applicants as required in [2 CFR 200.205](#). Service programs document applicant risk evaluations using the Service's "[Financial Assistance Recipient Risk Assessment](#)" form. Prior to approving awards for Federal funding in excess of the simplified acquisition threshold (currently \$250,000), the Service is required to review and consider any information about or from the applicant found in the [Federal Awardee Performance and Integrity Information System](#). The Service will consider this information when completing the risk review. The Service uses the results of the risk evaluation to establish monitoring plans, recipient reporting frequency requirements, and to determine if one or more of the specific award conditions in [2 CFR 200.207](#) should be applied the award.

VII. Federal Award Administration

A. Federal Award Notices

Awards are based on the application submitted to and approved by the Service and are subject to the terms and conditions incorporated into the Notice of Award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. Recipient acceptance of a Federal award from the Service carries with it the responsibility to be aware of and comply with all terms and conditions applicable to the award. Recipients indicate their acceptance of the Federal award by starting work, drawing down funds, or accepting the award via electronic means.

B. Award Terms and Conditions

See the Service's "[Financial Assistance Award Terms and Conditions](#)" for the administrative and national policy requirements applicable to Service awards. The "Department of the Interior (DOI) Award Provisions" attached to this Funding Opportunity also apply to Service awards (Attachment A).

C. Payments

Domestic recipients are required to register in and receive payment through the U.S. Treasury's Automated Standard Application for Payments (ASAP), unless approved for a waiver by the Service program. Foreign recipients receiving funds to a final destination bank outside the U.S. are required to receive payment through the U.S. Treasury's International Treasury Services (ITS) System. Foreign recipients receiving funds to a final destination bank in the U.S. are required to enter and maintain current banking details in their SAM.gov entity profile and receive payment through the Automated Clearing House network by electronic funds transfer (EFT). The Service will include recipient-specific instructions on how to request payment, including identification of any additional information required and where to submit payment requests, as applicable, in all Notices of Award.

D. Reporting Requirements

The Service will include recipient-specific reporting requirements, including the required reports, reporting frequency, and report due dates in all Notices of Award, as applicable.

1. Financial Reports

All recipients must use the [SF-425, Federal Financial Report](#) form for financial reporting. At a minimum, all recipients must submit a **final** financial report. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award. See Service policy [516 FW 1, Monitoring Financial and Performance Reporting for Financial Assistance](#) for more information.

2. Performance Reports

Performance reports must contain a comparison of actual accomplishments with the established goals and objectives of the award; a description of reasons why established goals were not met, if appropriate; and any other pertinent information relevant to the project results. At a minimum, all recipients must submit a **final** performance report. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award. See Service policy [516 FW 1, Monitoring Financial and Performance Reporting for Financial Assistance](#) for more information.

3. Significant Developments Reports

Events may occur between the scheduled performance reporting dates that have significant impact upon the supported activity. In such cases, recipients are required to notify the Service in writing as soon as the recipient becomes aware of any problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation. The recipient should also notify the Service in writing of any favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

4. Real Property Reports

Recipients and subrecipients are required to submit status reports on the status of real property in which the Federal government retains an interest. The required frequency of these reports will depend on the anticipated length of the Federal interest period. The Service will include recipient-specific real property reporting requirements, including the required data elements, reporting frequency, and report due dates, as applicable.

5. Conflict of Interest Disclosures

Recipients must notify the Service immediately in writing of any conflict of interest that arise during the life of their Federal award, including those reported to them by any subrecipient under the award. Recipients must notify the Service in writing if any employees, including subrecipient and contractor personnel, are related to, married to, or have a close personal relationship with any Federal employee in the Federal funding program or who otherwise may

have been involved in the review and selection of the award. The term employee means any individual engaged in the performance of work pursuant to the Federal award. Recipients may not have a former Federal employee as a key project official, or in any other substantial role related to their award, whose participation put them out of compliance with the legal authorities addressing post-Government employment restrictions. See the U.S. Office of Government Ethics website at <https://oge.gov/> for more information on these restrictions. The Service will examine each conflict of interest disclosure based on its particular facts and the nature of the project and will determine if a significant potential conflict exists. If it does, the Service will work with the recipient to determine an appropriate resolution. Failure to disclose and resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in [2 CFR 200.338 Remedies for Noncompliance](#), including termination of the award.

6. Other Mandatory Disclosures

The non-Federal entity or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Non-Federal entities that receive a Federal award including the term and condition outlined in [2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters](#) are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in [2 CFR 200.338 Remedies for Noncompliance](#), including suspension or debarment.

VIII. Federal Awarding Agency Contact(s)

For questions and/or submission contact:

Robin Donohue, Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Deepwater Horizon Gulf Restoration Office
341 Greeno Road N., Suite A
Fairhope, Alabama 36532
Phone: 251-517-8008
E-mail: robin_donohue@fws.gov

Attachment A: DOI Award Provisions

I. Conflicts of Interest

(a) Applicability.

(1) This section intends to ensure that non-Federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to Federal financial assistance agreements.

(2) In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict of interest provisions in 2 CFR 200.318 apply.

(b) Requirements.

(1) Non-Federal entities must avoid prohibited conflicts of interest, including any significant financial interests that could cause a reasonable person to question the recipient's ability to provide impartial, technically sound, and objective performance under or with respect to a Federal financial assistance agreement.

(2) In addition to any other prohibitions that may apply with respect to conflicts of interest, no key official of an actual or proposed recipient or subrecipient, who is substantially involved in the proposal or project, may have been a former Federal employee who, within the last one (1) year, participated personally and substantially in the evaluation, award, or administration of an award with respect to that recipient or subrecipient or in development of the requirement leading to the funding announcement.

(3) No actual or prospective recipient or subrecipient may solicit, obtain, or use non-public information regarding the evaluation, award, or administration of an award to that recipient or subrecipient or the development of a Federal financial assistance opportunity that may be of competitive interest to that recipient or subrecipient.

(c) Notification.

(1) Non-Federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112, Conflicts of Interest.

(2) Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the Financial Assistance Officer in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients.

(d) Restrictions on Lobbying. Non-Federal entities are strictly prohibited from using funds under this grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR Part 18 and 31 USC 1352.

(e) Review Procedures. The Financial Assistance Officer will examine each conflict of interest disclosure on the basis of its particular facts and the nature of the proposed grant or cooperative agreement, and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

(f) Enforcement. Failure to resolve conflicts of interest in a manner that satisfies the Government may be cause for termination of the award. Failure to make required disclosures may result in any of the

remedies described in 2 CFR 200.338, Remedies for Noncompliance, including suspension or debarment (see also 2 CFR Part 180).

II. Data Availability

(a) Applicability. The Department of the Interior is committed to basing its decisions on the best available science and providing the American people with enough information to thoughtfully and substantively evaluate the data, methodology, and analysis used by the Department to inform its decisions.

(b) Use of Data. The regulations at 2 CFR 200.315 apply to data produced under a Federal award, including the provision that the Federal Government has the right to obtain, reproduce, publish, or otherwise use the data produced under a Federal award as well as authorize others to receive, reproduce, publish, or otherwise use such data for Federal purposes.

(c) Availability of Data. The recipient shall make the data produced under this award and any subaward(s) available to the Government for public release, consistent with applicable law, to allow meaningful third party evaluation and reproduction of the following:

- (1) The scientific data relied upon;
- (2) The analysis relied upon; and
- (3) The methodology, including models, used to gather and analyze data.