Data Collection Form

Part A: Project Information
(To be completed by all Proposers)

Okaloosa RESTORE Advisory Committee

Approved by the Okaloosa RESTORE Advisory Committee: December 4, 2014
Okaloosa County, Florida

1/17/2014

INTRODUCTION

The purpose of this data collection form is to assist Okaloosa County in prioritizing projects submitted for Direct Component ("Pot #1") funds allocated from the Gulf Coast Restoration Trust Fund through the Resources and Ecosystems Sustainability, Tourist Opportunities and Revived Economies of the Gulf Coast States Act of 2012 (RESTORE Act).

The following terms are used in this data collection form:

- Applicant - the Okaloosa County Board of County Commissioners (BOCC)
- Project Proposer - the individual or organization completing this form
- Responsible Entity - the Okaloosa County BOCC

Prior to initiating this data collection form, it is recommended the Project Proposer download and review the entire form to understand the range of required information. Tools/data required to complete this form may include: permits, interlocal agreements, comprehensive plans, evidence of property ownership, and estimated project costs. Completing all required information in the collection form may require many hours; this will be a function of project complexity and proposer preparedness.

This data collection form differs from the U.S. Treasury Application Form (RESTORE Act Direct Component Guidance and Application to Receive Federal Financial Assistance; August 2014). This data collection form was designed to assist the Okaloosa RESTORE Advisory Committee (ORAC) in their task of developing a recommended list of potential projects for inclusion in the BOCC's Multi-Year Implementation Plan (MYIP).

Projects that are identified for funding in the MYIP will require additional information from the Project Proposer. Although completion of Part C of this data collection form is not required at this time, the Project Proposer is encouraged to thoroughly review Part C to ensure the ability to fully comply with the minimum information required by the U.S. Treasury for project funding. If a proposed project is ultimately included in the approved MYIP, failure of the Project Proposer to then provide the required project information in Part C may preclude funding for that project.

Per RESTORE Act guidance, the responsible entity shall be solely responsible for the execution of each funded project, including procurement of professional services and/or construction services. The Okaloosa County BOCC (the responsible entity) reserves the right to delegate these services to sub-entities with the demonstrated capability to comply with all County and Federal procurement processes required by the RESTORE Act.

By proposing a project through this data collection form, the Project Proposer acknowledges there is no guarantee the proposed project will be funded. Further, the Project Proposer acknowledges no reimbursement or compensation shall be provided for completing the data collection form or any other activities associated with proposing a project.

Part A: Project Information

NOTE: Incomplete applications will not be considered. By submitting this project proposal, the proposer certifies that the statements herein are true, complete and accurate to the best of his/her knowledge. Any false, fictitious, or fraudulent statements or claims may cause the application to be rejected without the opportunity to re-submit.

A.1 Project Proposer: Provide the name and contact info of the Project Proposer.

Annette P. Edwins Fine and Performing Arts School
7 Wright Parkway S.W.
Fort Walton Beach, FL 32549
(850) 833-3333
Marline VanDyke- Principal

A.2 Point of Contact: Provide the name and contact information of the person to be contacted on matters concerning this project (POC).

Marline VanDyke / Sharron Harkins
Annette P. Edwins Fine and Performing Arts School
7 Wright Parkway S.W.
Fort Walton Beach, FL 32549
(850) 833-3333
(850) 240-2931 (Harkins)

A.3 Proposed Activity Name: Provide the name of the Proposed Activity.

CAST (Coastal Agriculture, Science, and Technology)3 Year Plan

A.4 Claimed in Oil Liability Trust Fund After July 6, 2012: Was this proposed activity included in any claim for compensation paid out by the Oil Spill Liability Trust Fund after July 6, 2012***?***

- ☐ Yes (STOP. This activity is not eligible.)
- ☒ No

A.5 Qualifying Eligible Activity: Please check the primary eligible activity in the first column and then all other eligible activities that apply in the second column by placing an 'X" in the column in the row corresponding to the qualifying eligible activity.

Select Primary Activity (Select only one)	Select All Others That Apply	Qualifying Eligible Activity
☒	☐	Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches and coastal wetlands of the Gulf Coast Region
☐	☐	Mitigation of damage to fish, wildlife and natural resources
☐	☐	Implementation of a federally approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring
☐	☒	Workforce development and job creation
☐	☒	Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill
☐	☐	Infrastructure projects benefitting the economy or ecological resources, including port infrastructure
☐	☐	Coastal flood protection and related infrastructure
☐	☐	Planning assistance
☐	☐	Promotion of tourism in the Gulf Coast Region, including recreational fishing
☐	☐	Promotion of the consumption of seafood harvested from the Gulf Coast Region

A.6 Location of Activity: Provide the project location. If there is more than one location for the activity, attach a list of the additional locations.

A.6.1 Address: Provide the actual address for the activity (street address, municipality(ies), county/parish, state, zip code). (If there is no street number, provide the nearest intersection or note boundaries on map submitted with Question A.6.2.)

Latitude/Longitude (if available):_____

Street address: 7 Wright Parkway

Municipality(ies): Fort Walton Beach

County/parish: Okaloosa

State: Florida

Zip code: 32549

A.6.2 Map: Provide a map of the project location and the area affected by the project.

A.6.3 Property Ownership: If project requires the use of land, provide details of property disposition to include land acquisition, ownership, agreements to use property, permits, easements, etc.

The Okaloosa County School Board owns all properties.

A.6.3.1 Attach documentation (i.e. letter of commitment, Memorandum of Understanding, deed, etc.)

A.7 Project Schedule: Provide a proposed project schedule to include: start date (MM/YY), end date (MM/YY), and major milestones.

As soon as the grant is awarded, as early in the year as possible (08/15). The end date 06/18
Yearly shoreline planting will occur each year in May. Pictorial data will be collected quarterly for comparison. Student progress will be monitored through pre, mid, and post tests administered through Discovery Education Assessment (DEA) in addition to classroom assessments.

A.8 Monitoring: During the project & following its completion, will the project be subject to a monitoring program to evaluate project success?

- ☐ No
- ☒ Yes (provide information on monitoring and evaluation)

The Grasses in Classes program will be on campus and will monitor grass growth of any additional coastal grasses. Pictorial data will be collected quarterly. Student achievement will be monitored through standardized science tests given 3 times each year.

A.9 Management/Maintenance Program: Will the project be subject to a management/maintenance program to ensure project success?

☐ No

☒ Yes (Provide information on how the project will be monitored and maintained as well as the party (or parties) responsible for performing these tasks.) (240 words max.)

The science lab teacher will monitor and maintain both the GreenSpace and the science lab. We have many supporting entities, the Choctawhatchee Basin Alliance through Grasses in Classes, Dr. Miller, Professor of Wildlife Ecology and Conservation,Sheila Dunning, Master Naturalist, and Florida Park Service Specialist, Gina Duke who will provide support and training for monitoring grass propagation. The AmeriCorps workers with the Grasses in Classes program will help monitor the progress of the plants on a monthly basis. A pictorial record of progress will be maintained to determine the number of plants that survive transplantation on a quarterly basis for the 3 year time span. The science lab instructor will meet with classroom teachers to determine student needs based on the DEA(Discovery Education Assessment) Test A data collected in August. Final DEA scores will determine student growth. Pre, interim, and post tests will be administered.

A.10 PROJECT SUMMARY

Provide a narrative of your project and why this project should be funded. Discuss the following items as a minimum:

- Economics of the project: Explain how the overall budget supports the proposed work
  - Project Expenditures (long term and short term)
  - Project Revenues (sales, donations, etc.)
- Other funds to be used in addition to Direct Component funds
- Key personnel involved with the project
- Specific objectives
- Permits or land acquisition required
- Design status
- Similar project success or if new technology explain
- Environmental impact (species affected, existing plans supported, etc.)
- Risks to implement and maintain the activity
- Jobs Created (short term, long term, and wage scales)

(1,500 words max)

Annette P. Edwins Urban Agricultural Program

Economics and Specific Objective of the Project:

Annette P. Edwins Fine and Performing Arts School is seeking ($245,835.74) to expand and maintain their highly successful and innovative Urban Agriculture Program and create and hands-on science lab. The project currently includes a greenhouse, six raised-bed gardens, container gardens, three salt marsh beds, and an educational GreenSpace, complete with fruit trees, and most importantly coastal grasses vital to the delicate ecosystems of our waterways. These coastal grasses are an essential element for erosion control and filter systems, while providing shelter and food for shoreline wildlife. CAST (Coastal Agriculture, Science, and Technology) will provide a hands-on science lab to address all science standards with an emphasis on ecosystems and marine life.

Project Expenditures:
• GreenSpace Expansion $7,850 + $3200 (maintenance and materials replacement over 3 years)
• Science Lab $12,603.74 + $6,080 (field trips, lab materials - both consumable and reusable, lab furniture, laptop computers, a digital camera, data projector, and marine models, etc. (over 3 years)
• One Full-Time Science Teacher $216,102 (years' salary)

Key personnel involved with the project:

One full time teaching position created for Ms. Sharon Harkins, a teacher with a master's degree and 32 years of service in Okaloosa County. She established the Urban Agriculture program and developed the GreenSpace through grants. She is active in the community gardening arena and a regular consultant for Mary Esther City Gardens. She is presenting at the National Ag in the Classroom Convention in Kentucky.

Current Partners and Mentors:
• Florida Farm Bureau has provided extensive training for teachers, as well as incubators and egg turners for classroom use.
• Florida "Ag in the Classroom" has provided a grant for alternate container gardens.
• The local Master Gardener's Association supports the Urban Agriculture Club and presents lessons to students.
• The Choctawhatchee Basin Alliance (CBA) and their highly successful Grasses in Classes program joined forces. We currently maintain three salt marsh beds in our Green Space, growing smooth cordgrass (Spartina alterniflora). Two marshes are in our greenhouse and one is outdoors providing the first opportunity for the CBA to utilize a greenhouse environment in a school setting. Our location is very close to the Santa Rosa Sound and Liza Jackson Park where we will be restoring shoreline grasses.
• Additional community support through Dr. Debbie Miller, Professor of Wildlife Ecology and Conservation, of The University of Florida, Shelia Dunning, and a Master Naturalist with the County Extension Office in Okaloosa County, and Florida Park Specialist, Gina Duke will support fieldtrips and provide student and teacher training.

Current Status:

An established Urban Agriculture Program, led by Sharon Harkins, is funded through grants and deep community partnerships. Students school wide learn skills necessary to supplement their families' tables by actually participating in all processes of gardening. Our Urban Ag Club meets with professionals to develop further STEM skills. The food grown is donated to our students and our community.
Grasses in Classes currently partners to grow cordgrass and restore our beaches while teaching our students shoreline conservation.

Grant Overview and Goals:
• Continue providing a secure environment for propagating grasses used in shoreline restoration. The expansion of the GreenSpace will enable additional salt marsh plants not yet grown at Grasses in Classes schools. One state protected species-sea oats (Uniola Paniculata) further enhances the shoreline restoration. One target area is less than a block away at Liza Jackson Park.
• In addition to the salt marshes, row crop gardens and installation of a sensory garden would broaden the Exceptional Students' agriculture experiences by providing a safe area where they experience the smells, textures, sights, and sounds of the world around them.
• The science lab would directly impact each student in the school, preK-5, scheduling weekly hands-on activities. Classroom teachers and lab instructor will collaborate to address standards. Students will experience the scientific process and attain necessary lab skills for life-long learning. Students will see first-hand how plants such as cordgrass prevent erosion, act as a filtering system to help keep pollutants out of waterways, and build wildlife habitats providing a food source for shoreline inhabitants. They will grow, propagate, and transplant these grasses to restore fragile ecosystems and marine life that once flourished in our area. Students will see impacts of their contributions by monitoring successes of their work through pictorial evidence.
• Field trips will provide opportunities to check salinity of salt marsh plants both Spartina alterniflora and other shoreline plants on campus using a refractometer, charting data, and using experience on field trips to living shorelines, and nearby waterways to acquire salinity samples.
• There are 5 schools (over 4000 students) within a 3 mile radius of our campus. Our GreenSpace is readily available for field trips to these students, not to mention the other 26,000 students in our county. Silver Sands School, a special needs school serving 150 severely handicapped students is less than 2 blocks away allowing students to enjoy the sensory garden.
• CAST will transition our students into middle school with background experiences to keep them interested in STEM classes and prepare to enter advanced classes with confidence. Student DEA scores in science will be used as evidence the program has enhanced student achievement. Current DEA science scores have fallen in the last year with the transition away from a full-time science instructor (DEA Science scores (2014): 57% proficient as compared to DEA science scores (2015) 35% proficient).

Permits or land acquisition required:

A.11 Requested Funding Amount: How much Direct Component (Pot #1) funding is being requested for this project?

$245,835.74 for the 3 year project

A.11.1 Other Funding: Is additional funding, outside of this request, being used for the project?

- [x] No
- [ ] Yes (provide information on all additional funding sources and amounts.)

A.11.2 Funding Under $90,000: Is the requested funding under $90,000?

- [ ] Less than or equal to $90,000 (Application is complete)
- [x] More than $90,000 (Proceed to Part B)

END OF PART A