

FLORIDA GULF OF MEXICO RESTORATION

PROJECT SUBMITTAL FORM

Form Purpose and Instructions:

- To assist the project proposal and review process, please complete this Submittal Form. Completion of the Form will contribute to the appropriate information being completely and accurately submitted for each project.
- Take as much space as needed for each question, but please keep responses as focused as possible. It may assist you to review all the questions before addressing any one question.
- Please submit one Form per project, if you have multiple projects - please submit one Form for each project.
- Please submit completed Forms to Restoration.Projects@dep.state.fl.us. Once your Form is successfully submitted, you will receive a confirmation email from the Florida Department of Environmental Protection.

Project Name:

Town of Longboat Key Canal Dredging Project

Contact Information *(Include at least one name, phone number, email address, and organization name if applicable):*

Juan Florensa, Public Works Director, Town of Longboat Key, jflorensa@longboatkey.org
James Linkogle, Public Works Project Manager. Town of Longboat Key, jlinkogle@longboatkey.org

Project Location *(Include a map, if possible, and the city, county, longitude/latitude, and watershed):*

See Attached Map

Project Description *(Describe all aspects of the project):*

Dredging Project for Public and Private Canals and accesses within the jurisdiction of Longboat Key, includes; Survey, Design, Permitting, Construction and any subsequent environmental mitigation.

Estimated Project Costs *(Describe the estimated costs of the project, including any assumptions for contingency and ongoing operations/maintenance. Identify other secured funding sources such as matching funds, in-kind contributions or state/federal dollars. In addition, if possible, complete and submit the Cost Appendix Sheet associated with this Form):*

Estimated costs are \$1,800,000.00. Includes planning, surveying, design, construction, administration, and mitigation. Town public canal locations may be eligible for a Bond Referendum including local special taxing district funds.

Other Funding *(Indicate if the project is submitted for any potential funding or if it may be used to leverage additional funding, if so please describe the funding source [e.g. State/Federal Grants]):*

Some locations may be eligible for grant funds from from West Coast Inland Navigation District Waterway Development Programs. Local special taxing district funds may be used to provide a matching element for this grant fund.

Technical Feasibility *(Describe the technologies involved and any relevant past experience or proven success with similar projects):*

The initial Town wide dredging project conducted in 2002-2004 was performed by hydraulic dredge process with local upland spoil sites. Additional booster pumps were used in some longer reach locations. Project was considered a success even with increased time required to spoil dredged material as a result of quantity of sediment siltation.

Environmental Benefits *(Describe the nature, magnitude, and timing of any environmental benefits attributable to the project. If possible, describe potential environmental performance measures [e.g. pollutant reduction]. Please address any potential environmental impacts associated with implementing or maintaining the project [e.g. loss of a habitat or conversion of habitat from one type to another during implementation]):*

Due to impacts to encumbered canal sea grasses there was a permit requirement to mitigate for those impacts at a 3 to 1 ratio. Mitigation locations were selected to lessen future vessel impacts therefore increasing overall success and propagation of total sea grass communities within adjacent bay waters.

Economic and Social Benefits *(Describe the economic and social benefits including those related to the project's improved ecosystem services and any estimates on jobs created or preserved):*

Benefits include additional opportunities for local companies to provide specific and related planning, design, consulting, construction, mitigation and monitoring services for the project.

Community Resilience *(Describe if the project assists Florida's ability to anticipate, withstand, or recover from hazards or threats [e.g. hurricane preparedness, establishing living shorelines]):*

Constructing the project could lessen the effects of any potential damages related to Hurricanes and Tropical Storms, and mitigate the impacts of those events by improving boat and vessel access for post storm recovery efforts.

Conflicts or Complements to Existing Efforts *(Describe any ongoing activities in the project implementation area, if the project is part of another plan, and why the project does or does not interfere with that work. Please consider how the project may complement existing local, regional, and state efforts/plans/objectives):*

Project would compliment concurrent activities of local jurisdictions in providing and improving boat and vessel access to public waterways.

Complies with Federal, State, Local, and Tribal Laws/Regulations *(Describe any concerns or potential conflicts):*

All activities would be reviewed and permitted by local, state, and federal agencies as required.

Readiness for Implementation *(Describe if the project has had any design or permitting work started or completed [attach permits or design work]. Please address any issues that may delay start or finish of the project):*

Only minor investigative activities related to initial discovery via sonar depth surveys and local knowledge and comments to specific access issues.

Public Acceptance *(Describe any known or potential public approval or opposition to the project):*

All project information and the development process would be vetted by way of local Longboat Key regularly scheduled publicly advertised Commission Meetings for review and approval.

Additional Information you wish to provide *(Please include any maps, designs, drawings, photos, or background resources that may assist in completely and accurately understanding the project):*

See attached maps.

Cost Appendix Sheet	
Cost Item	Cost Estimate
Planning	
Contracts	
Feasibility	\$50,000.00
Engineering, Design, Land Rights, & Bid Prep	\$150,000.00
Restoration Plan	
Site Visits & Cost of Site Selection	\$60,000.00
Administration, Overhead, and Indirect	
Other	
Planning Subtotal:	\$260,000.00
Construction	
Contracts	\$1,300,000.00
Administration & Mobilization/Demobilization	\$160,000.00
Other	
Construction Subtotal:	\$1,460,000.00
Monitoring	
Contracts	
Data Collection	\$20,000.00
Monitoring Administration	\$30,000.00
Other	
Monitoring Subtotal:	\$50,000.00
Project Cost	
Supervision	\$30,000.00
Subtotal:	\$1,770,000.00
Contingency	
TOTAL:	\$1,800,000.00

Estimated Costs by Year	
Year 1	\$50,000.00
Year 2	\$210,000.00
Year 3	\$120,000.00
Year 4	\$120,000.00
Year 5	\$1,300,000.00
Year 6	



