

**APPLICATION COVER PAGE – 1 OF 2 (PROJECT BASIC CRITERIA)**

**Section 1: Application Cover Page; Basic Criteria**

*Please use this page, or re-create as is.*

1. **PROJECT TYPE:** *(As mandated by the RESTORE Act, funds may only be used for one or more of the allowable uses listed below, which the County cannot amend or change. Carefully review each criteria listed below and determine if your project will achieve one or more of the allowable uses below. Projects that do not meet at least one of the allowable uses below will not be considered for funding. Check all that apply.)*

Restoration and protection of 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 management plan, including fisheries monitoring.

Workforce development and job creation.

Improvements to or on state parks in coastal areas affected by the Deepwater Horizon oil spill.

Infrastructure projects benefiting economy or ecological resources, including port infrastructure.

Coastal flood protection and related infrastructure.

Planning assistance.

Activities to promote tourism and seafood in the Gulf Coast region, for one or more of the following:

Promotion of tourism in the Gulf Region, including recreational fishing.

Promotion of the consumption of seafood harvested from the Gulf Coast region.

2. **CONTACT INFORMATION:** *(Include at least one name, phone number, email address, and organization name if applicable)*

- Organization: City of Key Colony Beach
- Address: Post Office Box 510141
- City, State, Zip Code: Key Colony Beach, FL 33051
- Contact Person
  - Name: Ronald A. Sutton
  - Title: Mayor
  - Phone: 305 289-1212, Ext. 0
  - Email Address: mayor@keycolonybeach.net

**APPLICATION COVER PAGE – 2 OF 2 (PROJECT SUMMARY)**

**Section 2. Application Cover Page; Project Summary Information**

*Please utilize this sheet or re-create, but keep format as is.*

**3. Project Name:** (Provide a short, succinct title for the projec)

Key Colony Beach Storm Water Project, Phase, 6

**4. Project Executive Summary:** (Provide a concise summary or abstract in the space below; do not exceed the space below.)

This is the final phase of a Citywide stormwater quality improvement project which began in the 1990's in the City of Key Colony Beach.

The project is comprised of the following:

- the installation of injection wells to prevent run off to near shore waters;
- to close out direct outfalls to the canals to prevent run off;
- and to construct swales to direct run off and pollutants to storm water retention basins and injection wells.

Technologies utilized on this project included injection wells and the use of engineered swales both recommended and approved by the DEP and the South Florida Water Management District.

Documented benefits from the first five phases of this project can be readily seen during and after any tropical event by the decrease in pollutants traveling into the near shore waters.

**5. Range of Benefit: Does this project have a**

Local benefit?

Keys-wide benefit?

Regional benefit?

Gulf-wide benefit?

*(Provide the location of the project and a brief description of the area that is benefiting; do not exceed the space below.)*

The location of the project is within the City of Key Colony Beach, MM 53.4. the scope of this project is Gulf and Ocean wide, effecting the near shore waters of the City, and Monroe County. The positive results impact State Park Beaches, marine ecosystems and the living reef.

**6. Project Cost:** (Provide the actual/estimated project cost, the amount being requested with this submission, and the amount of match committed to the project from any source. Please make clear the total project cost and the amount you are requesting. There is an opportunity to provide detailed cost/request/match information in the narrative section (see question 8.)

- |   |               |                          |
|---|---------------|--------------------------|
| • Total Project Cost:   | \$ 4,187,694. |                          |
| • RESTORE Request Amount:   | \$ 4,187,694  | % of project cost: 100   |
| • Secured Cash Match (committed funding from other sources):      | \$ _____      | % of project cost: _____ |
| • In-kind Match value:  | \$ _____      | % of project cost: _____ |
| • Funding Gap:  | \$ _____      | % of project cost: _____ |
| • Anticipated Cash Match (potential funding from other sources)*: | \$ _____      | % of project cost: _____ |

*\*These funds must be secured within 1 year of project award.*

**APPLICATION PROJECT BUDGET**

**Section 3. Project Budget**

PROJECT BUDGET		FUNDING		
Activity/ Item	Cost	Anticipated RESTORE Funding	Cash Match	In-kind Match
<b>Planning/Design/Permitting</b>				
Contracts	10,000.	10,000.		
Engineers bid, predetermined land rights	100,000.	100,000.		
Administration*:				
<b>Planning Subtotal:</b>	110,000.	110,000		
<b>Construction or Project Activity(ies)</b>				
Contracts – 15 wells and swales	3,810,280.	3,810,280.		
Contingency	199,414.	199,414.		
Administration*:				
<b>Construction Subtotal:</b>	4,009,694.	4,009,694.		
<b>Monitoring</b>				
Supervision	25,000.	25,000.		
Administration*:				
<b>Monitoring Subtotal:</b>	25,000.	25,000.		
<b>Project Cost</b>				
Total Administration*:				
<b>TOTAL Project Cost:</b>	4,144,694.			

<b>Estimated Costs by Year</b>	2,072,347.
Year 1	2,072,347.
Year 2	
Year 3	
Year 4	
Year 5	
Year 6	

*Notes: Only complete the sections of the budget that are applicable for your project. Please refer to question 8 to provide further explanation of budget details. \*The RESTORE Act places a total 3% cap on administrative expenses. We are uncertain at this point how this will be applied, how "administration" will be defined or assigned, or whether projects may even be able to include administration. We are waiting on further guidance from US Treasury rules to define this. Please keep this in mind as you develop your budget. Administrative costs typically include but may not be limited to overhead costs for basic operational functions (insurance, utilities), as well as costs associated with admin staff such as accountants, legal, etc.*

## Application Questions – Detailed Project Information

**7. Project Description:** This is phase 6 of the citywide stormwater quality improvement project. The issue addressed by this initiative is the prevention of pollutants into the near shore waters. Through the use of injection wells and engineered swales as recommended and approved by DEP and the South Water Management District the City has seen a marked improvement in the near shore water quality. Phase 6 will allow the City to complete this vital work providing for reductions in pollutants. To complete phase 6 of this project will require construction tradesmen as well as engineering staff. This project complements the existing efforts and proven results from the first five phases already completed. The protection of the natural resources and marine ecosystems are the benefactors of this project.

**8. Budget Narrative/Financial Feasibility/Cost Effectiveness:** The estimated cost to complete phase 6 of the stormwater project is \$4,187,694. which includes contracts; engineering; bids; construction of 15 injection wells and swales; administration costs and supervision. The project calls for 100 percent funding from the RESTORE ACT funding source. The City has applied for Mayfield Grant funding from the State of Florida which is in its cycle 2 of grant funding. It should be noted there is no firm commitment the Mayfield Grant will be funded or if the City of Key Colony Beach will receive funding from the 2<sup>nd</sup> grant cycle for an anticipated cash match... This project is financially feasible through the use of RESTORE ACT funding over a two year project plan. This project provides tangible benefits to the quality of the near shore waters which in turn benefits the City, Monroe County the Gulf Coast and Ocean-wide. The injection wells and the swales are a long term investment in the future water quality of the City of Key Colony Beach.

**9. Technical Feasibility:** The City has proven success with the previous 5 phases in improving near shore water quality and reducing pollutants draining into the canals. Key Colony Beach was selected as a model City by the South Florida Management District to install city wide stormwater facilities due to its geographic location. The DCA, DEP and South Florida Water Management Districts mandates have been adhered to in all 5 phases that are complete. The use of injection wells and engineered swales is the technology utilized to bring these positive results. Protection of natural resources and the marine ecosystems are ongoing priorities for the City of Key Colony Beach.

**10. Readiness of Implementation/Permitting Considerations:** The steps to implement phase 6 include application for the DEP permits (60 days) updated engineer drawings (60 days) and the City should be ready with shovel ready work. The City began the stormwater work in the 1990's and as a result have the necessary business plan in place to tackle the final phase in a timely manner. The injection wells work will begin first and the swales will be completed during the second year of this project.

**11. Project Completion Timetable:** The injection wells work will be the first step and the engineered swales will be built in the second year of this project.

**12. Environmental Benefits:** The improved quality of the near shore waters benefit the marine ecosystems; protects the natural resources of the Keys and provides for improved tourism in the Gulf region. It is critical to the health of humans and marine life that the near shore waters see a reduction in pollutants. Improved water quality directly impacts the commercial and recreational fishing and tourism industries of the Florida Keys. The long range benefits of a completed stormwater system of an island city ensure the reduction in pollutants into the near shore waters. The stormwater project has proven to reduce the flooding threat from tropical events. The use of the injection wells and engineered swale installations assists in keeping the storm related pollutants from entering the near shore waters during and after a tropical event.

**13. Economic Benefits:** The completed stormwater project provides both short and long term economic benefits. In the short term, construction and engineering jobs and the longer term economic benefit is the improved marine ecosystem and protection of the natural resources of the Gulf waters and the whole of the Florida Keys. As a tourist driven economy, clear cleaner waters ensure repeat recreational fisherman and water sports enthusiasts. Commercial fisheries charter boats, dive boats all rely on clean clear waters a verified outcome from the stormwater project. The percentage of long range sustained improvement remains to be determined, however, it is proven the streets where the injection wells and swales have been installed provide reduced pollutants into the near shore waters than the streets which remain for phase 6 of this project. Salary ranges of the range of workers needed to accomplish this project would run from \$25,000.00 (manual laborer) to \$150,000.00 (engineer). All efforts will be made to hire local and purchase local which benefits the Keys as well.

**14. Community Economic and /or Environmental Resilience Benefits:** Residents of the City have supported the stormwater project through a nominal annual fee beginning in 2010. The project has proven to reduce the flooding threat during and after a tropical event in the areas of the City where the injection wells and swales are in place.

**15. Complements to Existing Efforts/Public Acceptance:** Completion is part of the City of Key Colony Beaches 5 Year Comprehensive Plan. Completion of phase 6 will ensure that the positive impacts of the first 5 phases will be repeated finalizing the project that was begun in the 1990's. The City has no conflicts with completion of this stormwater work.

**16. Compliance with Federal, State, Local Regulations:** Completion ensures requirements are met with local regional and state agencies including DCA, DEP, EPA and the South Florida Water Management District. This project complies with Section 403 086 (10) of the Florida Statutes and the City's 5 year comprehensive plan.

**17. Project Management Capacity:** The project management team has effectively implemented and successfully managed numerous State and Federal Grant projects. Benchmarks and milestones are in place by the management team to effectively monitor; analyze; assess and efficiently report outcomes for projects of this size. Attention to detail is a key component to the success of this type project and will be required of the management team. The day to day financial aspect of this project will be assumed by the City Clerk. The weekly assessment of benchmarks and oversight will be assumed by the building official and city administrator. Timelines and quality will also be monitored by the building official and city administrator.

Technical expertise for this project will be provided by the firm of Mittauer and Associates Inc.

The **project management team** is comprised of the following:

**City Administrator/Mayor:** Ronald A. Sutton, 9 years of oversight of all aspects of the city utility projects and city government.

**Building Official:** Ed Borysiewicz, over 25 years as building official, code enforcement, oversight of the buildings and grounds of the island City.

**City Clerk,** Cathy Henninger, 1 year as city clerk; oversight of financial reporting; FEMA claims and over 25 years in Administration and Program Management experience for the Indiana Department of Revenue.

**Engineering Expertise:** Mittauer and Associates Inc.

Successful outcomes on all previous City grant projects have been realized.



**MITTAUER**  
**& ASSOCIATES, INC.**  
CONSULTING ENGINEERS &  
PROJECT FUNDING SPECIALISTS

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WWW.MITTAUER.COM

November 25, 2013

Mayor Ron Sutton & City Commission  
City of Key Colony Beach  
P.O. Box 510141  
Key Colony Beach, FL 33051-0141

RE: Statement of Qualifications  
Stormwater Improvements - 9<sup>th</sup> to 12<sup>th</sup> Streets  
City of Key Colony Beach, Florida  
Mittauer & Associates, Inc. Project No. 0604-05-1

Dear Mayor Sutton & City Commission:

In response to our phone conversation last week, we offer the following letter and attachments as evidence of our qualifications to work on grant funded (federal and state) projects for the City. We are confident that our experience in this arena is second to none in the State of Florida for a company of our size and comparable in breadth and scope to much larger firms.

Mittauer & Associates, Inc. specializes in assisting our clients obtain grants and/or low-interest loans for their capital improvement projects. Our project team has extensive experience with various funding programs, and we have found that many of the programs are highly specialized and require skill in not only engineering and permitting but familiarity with the rules and regulations specific to the funding programs. We have successfully handled hundreds of grant-funded projects, and we are proud to be able to offer this valuable service to the City of Key Colony Beach. Mittauer & Associates, Inc.'s experience in this regard extends to both state and federal grant programs. Over the last twenty years, our grant experience is generally summarized as follows:

- 90+ Community Development Block Grants (CDBG) - State
- 30+ USDA Rural Development Grant/Loans (RD) - Federal
- 70+ Florida Recreational Development Assistance Program (FRDAP) - State
- 10+ Florida Boating Improvement Program (FBIP) - State
- 10+ State Revolving Fund (SRF) - State
- 5+ Environmental Protection Agency Grants (EPA) - Federal
- 5+ American Recovery & Reinvestment Act (ARRA) - Federal

Each of these projects required excellent knowledge of the funding agency and its administrative procedures. In most cases, our firm also made application for the funding or was intimately involved in the application process.

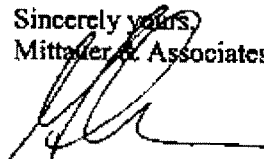
Our project team has extensive experience working on projects with multi-jurisdictional clients and multi-stakeholder involvement as is typically the case in grant funded projects. Mittauer & Associates, Inc. has been in business in the State of Florida for over 24 years. In that time we have assembled an excellent team of professionals having more than 300 years of collective engineering experience with expertise in the disciplines of water and wastewater treatment facilities; water and sewer linework; road resurfacing; stormwater/drainage design; structural engineering; civil sitework; and recreational projects. In addition, our project experience includes completion of work for utilities, special districts, counties and municipalities around the State of Florida. Our skill sets and project experience will be well suited to assist the City of Key Colony Beach in implementing their community enhancement vision.

Mittauer & Associates, Inc.'s experience is unique as we serve small- to medium-sized communities and special districts (water authorities and CRA's) as well as large utilities and/or cities. All entities require excellent communication skills as well as the ability to coordinate effectively and efficiently with the parties involved. In serving our clients, we focus our efforts to become an extension of their staff and assist them in: (a) defining project needs; (b) developing project budgets; (c) defining funding sources; (d) assisting with funding acquisitions; (e) supporting the community through all public forums via commission presentations, public town hall meetings, planning meetings, Citizen Advisory Task Force meetings, etc.; (f) completing the design, permitting coordination, and construction of the project; and (g) turning over the improvements to the final operation and maintenance entity. This cradle-to-grave commitment has been invaluable to the communities we serve. Various clients have determined the value in these services and, as a result, we have become the continuing-services engineer for thirty-three (33) Florida communities and utilities.

As Project Manager, my goal will be to insure stability and provide my knowledge and experience of over 18 years in the field of engineering. We have previously worked with the City on the design of two (2) previous phases of the City's stormwater improvement project. Our services included design, bidding, and construction administration.

We look forward to working with you on this upcoming phase of the stormwater improvements and, as always, appreciate the opportunity you have afforded us. Please call with any questions.

Sincerely yours,  
Mittauer & Associates, Inc.



Michael P. Tibble, P.E.  
Senior Project Manager

MPT/pj

Enclosure