

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: **600 West Ocean Drive**

City, State, Zip Code: **Key Colony Beach, FL 33051**

Contact Person

Name: **Ronald A. Sutton**

Title: **Mayor/Administrator**

Phone: **305 289 1212 ext. 0**

Email Address: **mayor@keycolonybeach.net**

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 project)*

The Wastewater Project of Key Colony Beach

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

The City of Key Colony Beach is continuing their efforts to repair sewer laterals and upgrade the wastewater plant facility. This ongoing effort continues to protect the natural resources of the Gulf Coast Waters impacting the local Key Colony Beach Community as well as the whole of Monroe County, the commercial fishing and tourism industries which are vital to the health of the Florida economy. The goal of our wastewater plant is to mitigate any damage to the marine ecosystem which includes the living reef.

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, MMS3.4, Monroe County, Florida. The project provides Gulf and Ocean-wide benefits, with improved water quality of the near shore waters. The positive impacts are realized in Monroe County and beyond.

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: \$ 1,545,000.
- RESTORE Request Amount: \$ 1,545,000. % 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 |
| Planning/Design/Permitting | | | | |
| Contracts, Planning | 12,000. | 12,000. | | |
| Engineering | 95,000. | 95,000. | | |
| | | | | |
| | | | | |
| | | | | |
| Administration*: | | | | |
| Planning | 107,000. | 107,000. | | |
| Subtotal: | | | | |
| Construction or Project Activity(ies) | | | | |
| Construction | 1,383,000. | 1,383,000. | | |
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| | | | | |
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| | | | | |
| Administration*: | | | | |
| Construction | 1,383,000. | 1,383,000. | | |
| Subtotal: | | | | |
| Monitoring | | | | |
| Supervision | 10,000. | 10,000. | | |
| | | | | |
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| | | | | |
| | | | | |
| Administration*: | | | | |
| Monitoring | 10,000. | 10,000. | | |
| Subtotal: | | | | |
| Project Cost | | | | |
| Total Administration*: | | | | |
| TOTAL Project Cost: | 1,500,000. | 1,500,000. | | |

| Estimated Costs by Year | |
|-------------------------|----------|
| Year 1 | 750,000. |
| Year 2 | 750,000. |
| 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 working 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 City Clerk/CORRES/2013/KCB Wastewater Restore Act Project App Combined 12.11.13.docx*

accountants, legal, etc.

Application Questions – Detailed Project Information

7. Project Description: The wastewater project addresses the water quality of the near shore waters – impacting the quality of life for humans as well as sea life activity and habitat. To comply with Section 403.87 of the Florida Statutes by the deadline of 2015, it is critical that the City continue their repairs to sewer laterals failures as they are identified and upgrade the existing wastewater treatment plant. Protection of the natural resources, marine ecosystem, beaches and wildlife habitats are a priority and an effective efficient wastewater treatment facility is a basic requirement to accomplish this. The benefit to the human health component is vital in this project as well. The success in the completion of this project benefits the whole of Monroe County, individuals, businesses, fishing industry, tourism, water quality of the Ocean and the Gulf as well as the living reef.

“ Good water quality is critical to the health of coral reefs and all the habitats of Florida Keys National Marine Sanctuary. Changes in water quality, including increases in levels of specific nutrients, can have serious negative effects on marine life. “*

8. Budget Narrative/Financial Feasibility/Cost-Effectiveness: Estimated cost of this project is \$1,545,000.00. The full amount of \$1,545,000.00 for the sewer lateral repairs and needed upgrades to the existing wastewater facility is being requested in this RESTORE ACT funding request. The City of Key Colony Beach has not identified any sources for a secure cash match for this project. The City has sought funding through the State of Florida in the form of the Mayfield Grant which is in cycle 2 of grant funding. There is no firm commitment that the Mayfield Grant will be funded or that the City of Key Colony Beach will receive funding from this anticipated cash funding source. The wastewater project is not using an in-kind match. The project is financially feasible through the use of RESTORE ACT funding over a two year project plan. The tangible benefits of this expense will be immediately seen in the salinity testing results, which are completed weekly.. Based upon the sewer lateral repair work already completed by private residents in the City over the last 4 years, the near shore water quality has improved as each new repair is completed. The investment by residents and the City have proven to be cost effective in producing tangible benefits to the natural resources, marine ecosystems, marine habitats and beaches.

9. Technical Feasibility: The upgrades to the wastewater treatment facility are mandated by the DEP of the State of Florida by 2015. The U.S.Water recommendations include the latest membrane filtration system and energy efficient components which have shown a reduction in treated effluent into the deep water injection wells. All engineered improvements will be utilizing the highest technology available. The sewer lateral repairs made thus far have reaped immediate benefits realized by preventing pollutants access to the near shore water based upon weekly testing completed by the U. S. Water representative within the City of Key Colony Beach.

10. Readiness for Implementation/Permitting Considerations: The sewer lateral repairs are shovel ready projects that can begin immediately. There are no permitting concerns with the sewer lateral repairs. No permits or design work is required for upgrades to the wastewater treatment facility. The July 2013 wastewater treatment facility upgrades are detailed in a 200 page document (from U. S. Water) providing specific tasks to be completed and a priority of what needs to be addressed first. The upgrades to the wastewater treatment facility can be completed over a two (2) year span.

11. Project Completion Timetable: The City-wide sewer lateral repairs will be ongoing over a 6-8 month timetable with completion of all known repairs in 8 months. Upgrades to the wastewater treatment facility which includes the state of the art membranes can be completed over a two (2) year time span.

12. Environmental Benefits: Immediate, meaningful positive impacts to the environment will be seen in the quality of the near shore waters surrounding Key Colony Beach and the State Parks, Beaches and marine ecosystems of Monroe County as a direct result of these projects. It is critical to the health of humans and marine life that the near shore waters see a drastic reduction in the pollutants. Improved water quality will directly impact the commercial and tourism aspects of the fishing and lobster industry for the entire Florida Keys, Gulf and Ocean waters.

13. Economic Benefits: Both short and long term benefits will be seen from the completion of the wastewater project in the improved quality of near shore waters, new jobs and an increase in the tourism numbers for Monroe County. The water quality has an ongoing direct impact on our tourist driven economy. The commercial fisheries, charter boats, plumbing contractors, engineering, excavation, tourism industries and jobs are directly linked to this project. The plumbing contractors utilized by the residents of the City for their repairs have a team of four (4) at each repair site. Salaries for the various industries would run from \$25,000.00 (general labor) to \$150,000.00 (engineer) annually. It is unknown whether full time positions would be added to local businesses as a result of this project. The long term protection of our natural resources and marine ecosystems directly benefit from an efficient and effective wastewater treatment facility. Ongoing salinity testing will ensure that these improvements are working and maintaining high standards in effluent reduction. The U.S. Water representative (on site) will continue this monitoring long after this upgrade and the sewer lateral repairs known at this time are completed. The City has an ongoing commitment to be vigilant in the monitoring of these effluent levels.

14. Community Economic and/or Environmental Resilience Benefits: This project reduces pollutants to the near shore water and aids in maintaining the living shorelines. Reef health is also positively impacted by the reduction of pollutants to the near shore waters. Protection of the natural resources and marine ecosystems are the natural benefactors of this project.

15. Complements to Existing Efforts/Public Acceptance: From 1972 forward the residents of Key Colony Beach have supported the wastewater treatment plant through quarterly payments for service from this utility. By City Ordinance, inspections and any needed repairs to residential sewer laterals are required. The public supports the treating of the sewage to ensure there is an acceptable effluent from the wastewater treatment facility.

16. Compliance with Federal, State, Local Regulations: This project is in lockstep with the Monroe County Sanitary Wastewater Master Plan (6/2000) to achieve the new advanced wastewater treatment standards by January 1, 2016. Key Colony Beach is following Florida Keys Reasonable Assurance Document (FKRAD) which describes the corrective actions that must be completed to achieve the required water quality standards identified in the Clean Water Act and rules of the Florida Administrative Code.

17. Project Management Capacity: The project management team has effectively implemented and successfully managed numerous State and Federal Grant projects. Benchmarks and milestones are utilized by the management team to effectively monitor, analyze, assess and effectively report outcomes for projects of this size. Attention to detail is a key component to the success of this type of project and will be required of the management team. The day to day financial aspect of a project of this size will be assumed by the City Clerk. The weekly accountability and oversight will be completed by the Building Official and City Administrator. Technical expertise for this project will be provided by the U.S. Water representative.

City Administrator/Mayor: Ronald A. Sutton, 9 years experience as administrator over all utility projects within the City including stormwater and wastewater as well as Federal, State grants and FEMA claims.

Building Official: Ed Borsiewicz – over 25 years of experience and oversight of utility work, building, water quality and CRS issues.

U.S. Water Representative: Dave Evans, Plant Operator, over 25 years experience

City Clerk: Cathy Henninger- 1 year of experience with the City with oversight of FEMA claim as well as 35 years experience at the Indiana Department of Revenue in administrative and program manager positions.

Successful outcomes on all previous City projects have been achieved.

* <http://floridakeys.noaa.gov/wgpp/welcome.html>

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Water and Wastewater Operations, Maintenance, Design, Management

December 11, 2013

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

RE: Statement of Qualifications
Wastewater Treatment
City of Key Colony Beach, Florida
US Water Services Corporation, Inc.
Project No. 6045

Dear Mayor Sutton and Commissioners:

In response to our conversation last week, we offer the following letter as evidence of our qualifications to work on grant funded (state) projects for the City. We are confident that our experience in this arena particularly in the Florida Keys will demonstrate our ability to successfully work with the City of Key Colony Beach to complete any grant funded project.

Our project team has experience working with clients involved with government funded programs. USW capabilities include engineering, permitting, and operation of these type projects and familiarity with the rules and regulations specific to these programs. USW has successfully supported, guided, operated, and maintained two projects similar to the size and complexity of the City of Key Colony Project and we are able to offer a valuable service to the City of Key Colony Beach. U.S. Water Services experience in this regard extends to both state and federal grant programs. Over the last 10 years we have work with:

Islamorada Florida Wastewater Treatment and Collection Process – EPA Grant entitled “Centralized Management of Decentralized Wastewater Treatment”
Marathon Florida Wastewater Treatment and Collection Process – State of Florida Department of Environmental Protection State Revolving Fund

Additional government funded projects include the MacDill Air Force Base.

The USW experience encompasses small to medium sized communities, Special Districts (water authorities and CRAs) as well as large utilities and/or cities. All entities require excellent communication skills, the ability to coordinate effectively and efficiently with parties involved, and comprehensive documentation and tracking. 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. Supporting the community through all public forums via commission presentations
- D. Planning meetings

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Key Colony Beach

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- E. Citizen Advisory Task Force meetings
- F. Technical assistance
- G. Design review
- H. Completing design, permitting, and construction of the project
- I. Effectively conduct the final operation and maintenance entity, and
- J. On-time comprehensive reporting and tracking that meets specifications.

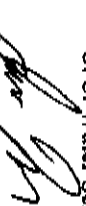
As Project Manager, my goal will be to ensure compliance, sustainability, and quality of service. USW has hundreds of years of combined experience in design, permitting, and operational knowledge to support the best interests of the stakeholders of Key Colony Beach.

USW has partnered with Key Colony Beach in the operation of their WWTP Membrane Treatment process since 2010.

As always, USW looks forward to working with you on this upcoming project.

Sincerely,

U. S. Water Services Corporation Inc.



Jan Meyer
Regional Manager