

LFIR # 1325

1. Project Title	Key Biscayne Immediate Flood Control and Mitigation

2. Senate Sponsor Alexis Calatayud

**3. Date of Request** 02/06/2023

#### 4. Project/Program Description

As a barrier island community, the Village acutely feels the impacts of sea level rise, e.g., increased storm frequency and intensity. Due to its proximity to Biscayne Bay and the Atlantic Ocean, the Village's stormwater management system is influenced by tidal waters that raise groundwater levels and present a significant challenge for the 50-year-old stormwater drainage system. These factors produce frequent flood events, keeping residents and workers from using roadways and accessing goods and services. This project aims to improve the function of the existing system by redesigning catch basins and regrading roadways to prevent debris from clogging the pipes and directing stormwater runoff to catch basins. These improvements are intended to reduce flooding in frequently flooded areas by ensuring our system is designed to function efficiently and effectively.

5. State Agency to receive requested funds

Department of Environmental Protection

State Agency contacted? No

#### 6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	450,000
Total State Funds Requested	450,000

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	450,000	45%
Matching Funds		
Federal	300,000	30%
State (excluding the amount of this request)	0	0%
Local	250,000	25%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	1,000,000	100%

8. Has this project previously received state funding?

Fiscal Year	Amo	ount	Specific	Vetoed
(уууу-уу)	Recurring	Nonrecurring	Appropriation #	

#### 9. Is future funding likely to be requested?

No

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



Yes

#### If yes, indicate the amount of funds received and what the funds were used for.

The Village received \$531,000 of CARES Act funding through Miami-Dade County to reimburse
the Village for expenditures related to the pandemic such as COVID related overtime, legal
expenses, and PPE.

### **Complete questions 11 and 12 for Fixed Capital Outlay Projects**

#### 11. Status of Construction

a. What is the current phase of the project?

- b. Is the project "shovel ready" (i.e permitted)?
- c. What is the estimated start date of construction?
- d. What is the estimated completion date of construction?

12.	List the owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the
	relationship between the owners of the facility and the entity.

The facility is the Village's rights-of-way and the owner of this facility is the entity requesting funding, the Village of Key Biscayne.

No

April 2023

January 2024

#### 13. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering	Construction of Storm Water Improvements	450,000
Total State Funds Requested (m	ust equal total from question #6)	450,000

#### 14. Program Performance

#### a. What specific purpose or goal will be achieved by the funds requested?

This project purpose is to reduce flooding and stormwater system overflows that inundate the rights of way and eventually flow out into Biscayne Bay.



#### b. What activities and services will be provided to meet the intended purpose of these funds?

Specific flood prone areas have been identified and an inventory of catch basins and roadway conditions will inform the type of flood mitigation and extent of the improvement along each corridor. The specific improvements to mitigate flooding will be designed and then constructed. Catch basins will be curbed to prevent runoff debris from clogging the pipes, roadways will be repitched to better drain into the stormwater system, and green infrastructure solutions will be applied.

#### c. What direct services will be provided to citizens by the appropriation project?

Citizens will not receive direct services from this appropriation project. As an infrastructure improvement project, all citizens and visitors of the Village will indirectly or directly benefit from reduced risk of flooding and improved conditions during rain events.

#### d. Who is the target population served by this project? How many individuals are expected to be served?

All residents (15,000) in the Village are the target population of this project. Since all rights-of-way to receive improvements are public roads, all residents have access to them and may need to use them to travel within the Village, even during flood events.

## e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

The stormwater runoff that pools in the roadways and on private property negatively affects public health. By reducing localized flooding, public health will be less impacted. This project will improve accessibility for emergency vehicles on roadways during flood events. This project will reduce the amount of runoff pollutants entering groundwater. Assessment of flood levels during rain events, reports from emergency responders, and regular monitoring of area conditions will provide metrics to track progress towards achieving these outcomes.

## f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?

Failure to meet deliverables will result in the forfeiture of funds or financial penalties as described in the contract.

#### **15. Requester Contact Information**

a. First Name	Steven		Last Name	Williamson	
b. Organization	Manager - Village of Key Biscayne				
c. E-mail Address	swilliamso	on@keybiscayne	e.fl.gov		
d. Phone Number	(305)365-	5511	Ext.		
16. Recipient Contact	Informatio	n			
a. Organization	Village of	Key Biscayne			
b. Municipality and	d County	Miami-Dade			
c. Organization Ty	уре				
□For Profit Entity					
□Non Profit 501(c	:)(3)				
□Non Profit 501(c	c)(4)				
☑Local Entity	☑Local Entity				
□University or Co	□University or College				



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□Other	(please	specify)
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d. First Name	Steven	Last Name	Williamson
e. E-mail Address	swilliamson@keybiscayne	e.fl.gov	

## f. Phone Number (305)365-5511

#### 17. Lobbyist Contact Information

a.	Name
a.	Name

b. Firm Name

Jonathan P. Kilman Converge Government Affairs of Florida, Inc.

- c. E-mail Address jonathan@convergegov.com
- d. Phone Number (305)423-4131

# Please complete the questions below for Water Projects only.

### 18. Have you applied for alternative state funding?

- U Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- ☑ Other (please specify) Biscayne Bay Grant

D N/A

### 19. What is the population economic status?

- □ Financially Disadvantaged Community (ch. 62-552, F.A.C)
- □ Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- Rural Area of Economic Concern
- □ Rural Area of Opportunity (s. 288.0656, Florida Statutes)

☑ N/A

### 20. What is the status of construction?

Preliminary Design

### 21. What percentage of the construction has been completed?

0

### 22. What is the estimated completion date of construction?

12/30/2023